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# HIGHER EDUCATION SOLUTIONS NETWORK - ANNUAL REPORT (FY 2014)

COLLEGE OF WILLIAM & MARY  
AIDDATA CENTER FOR DEVELOPMENT POLICY  
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## I. Executive Summary

During the second year of the AidData Center's partnership with USAID we made significant progress towards our award objective of enabling the international development community to improve geographic targeting, planning, and coordination of development programs. We increased the number of completed partner-country geocoded data sets from one in FY2013 (Nepal) to five through the completion of in-country geocoding data collection and government and development partner training in four countries: Senegal, Haiti, Uganda, and Timor-Leste. In Timor-Leste (<http://aidtransparency.gov.tl/>) and Haiti (<http://haiti.ampsite.net/>), the geospatial data sets are now available in their AMP public portals and the AidData Center is working with the Governments of Uganda and Senegal to prepare for the launch of their public AMP portals in Q1 FY2015. In addition to the completion of work in the above four countries, AidData began work in our two FY2014 partner countries: the Democratic Republic of Congo and Honduras. During Year 2, activities for these two countries focused on data collection and geocoding, which will be completed in early FY2015.

During the past year we have seen some early examples of in data use in development policy-making in our partner countries. The Ministry of Finance in Nepal has used the geocoded data in its annual report on development activities and to inform its policy on development assistance writ-large. The Ministry of Finance in Timor-Leste has created individual donor profiles that showcase the portfolio of each donor, and includes a map of the geospatial reach of each development partner created with the geocoded data. The USAID mission in Nepal has used geocoded data to inform the creation of its CDCS and the GIS specialist in the Program Office has started to create thematic maps which layer the geocoded project data and other statistical data to be used for analysis and decision making. The AidData Center implemented a follow-up trip to Nepal and a sustainability assessment in Uganda in FY2014 which illuminated key insights that will inform AidData's work in the coming years to build upon these early successes to promote broader uptake and policy application of geocoded aid information.

To enable policymakers and stakeholders to more easily access and analyze development finance data, AidData released the 3.0 version of its [aiddata.org](http://aiddata.org) portal on October 29th during Global Transparency Week. The 3.0 Launch was primarily marked by an event featuring speakers and a demo in Washington D.C. in addition to an internal launch with USAID. The portal includes significant enhancements in functionality and data accessibility, including new interactive geospatial components to display and analyze geocoded data and an Open API.

The AidData Center launched several new activities during FY2014, including the AidData Research Consortium (ARC), Innovation Pilots, and Strategic Response Innovations. ARC research kicked-off during Q1 with the first convening of the ARC in Williamsburg, VA. This meeting brought 56 scholars together across many disciplines including political science, economics, geography, and global health to discuss ongoing and planned research utilizing AidData's subnational geocoded development finance data. Throughout FY2014, members of the AidData Research Consortium (ARC) undertook research projects that utilized subnational geocoded development finance data, and active research collaborations

with the Office of Transition Initiatives and the USAID Colombia Mission are underway. Based upon lessons learned throughout FY2014, the AidData Center began the process of restructuring the ARC (discussed Part I below) to align incentives and resources to more effectively catalyze policy research.

AidData launched its Strategic Response Innovation (SRI) program in FY2014, which enables USAID operating units to identify areas for collaboration on data-related innovations with the AidData Center. During Y2 AidData worked on two SRIs including; 1) a custom ArcGIS Online application for the launch of the Global Development Lab implemented by Esri, and 2) a SRI to extract text from the 150,000+ PDFs hosted on the Development Experience Clearinghouse (DEC) and create a web application to allow users to run keyword searches on the extracted text and export their results into open formats. At the end of FY2014 we reached agreement for an SRI with the Colombia Mission to develop a GIS module for its Management Information System (MONITOR), which will begin in Q1 FY15.

The AidData Center also launched its innovation pilot program with three activities in FY2014: 1) the development of an online “Project Pulse” platform, which allows users contribute content to enhance the project records in AidData.org; 2) the use of this “Project Pulse” platform to undertake a Randomized Control Trial (RCT) that involves outreach to approximately 50,000 NGOs in India in order to discover what can motivate quality feedback from civil society on aid projects in close physical proximity; and 3) a project to crosswalk the official records in Uganda’s Aid Management Platform (called PIMIS) with the field reports in UNICEF Uganda’s DevTrac platform to provide a more complete picture of aid in Uganda.

In FY2014, the AidData Center implemented the second year of its Summer Fellows program. 22 Summer Fellows (100% increase in the program size over FY2013), spent 10 weeks during summer 2014 embedded with 13 different development stakeholder organizations in Uganda, Nepal, Timor-Leste, Mexico, and Senegal. The fellows worked to build the capacity of their host organizations to use geocoded aid information in their development work. Moses Karatunga of Transparency International-Uganda, which hosted a fellow in 2014, stated of the program that “the AidData Summer Fellows program facilitates an invaluable knowledge transfer.”

During FY2014, AidData provided and supported many opportunities for student engagement on the W&M campus. Students were able to build skills in map creation and spatial analysis through the Map Off competition in March 2014. Students from across the country were challenged to work with AidData’s data during W&M’s student-run hackathon, TribeHacks. W&M students had the opportunity to compete in Berkeley’s Big Ideas competition and one team of W&M students was a finalist in the new AidData-sponsored Open Data category. Students from all HESN labs had the chance to convene at the first annual TechCon, held on the W&M campus. W&M students had the opportunity to receive academic credit for independent study and courses taught by AidData staff members. AidData also placed 8 students with internships at USAID. During the summer 2014 research session, over 100 AidData students located in Williamsburg participated in skills courses to learn about topics ranging from GIS to data journalism and build professional networks through a field trip to Washington, DC.

## 2. Major Milestones and Events Completed

- During FY2014 the AidData Center completed geocoding work in four of our FY2013 partner countries: Timor-Leste, Haiti, Uganda, and Senegal.
- More than 150 government and development partner staff in Y1 and Y2 partner countries were trained on the Aid Management Platform GIS tool.
- Conducted an assessment of the possibility of engaging the government of Indonesia and the USAID/Indonesia mission in a geocoding activity.
- W&M, BYU, and UT recruited 77 new student undergraduate and graduate geocoders.
- AidData launched the Open Request Geocoding Window.
- AidData began conversations with several missions on the possibility of conducting in-country geocoding activities, including Tanzania, Niger, and the Philippines.
- On October 29, 2013, AidData released the 3.0 version of its [aiddata.org](http://aiddata.org) portal.
- The AidData Center, in conjunction with the College of William & Mary and Colonial Williamsburg, hosted HESN's inaugural Technical Convening in November 2013.
- The research activities of the AidData Research Consortium (ARC) kicked-off during Q1 with the first convening of the ARC.
- In Q1, the AidData Center undertook a civil society outreach and partnership development trip in Uganda, meeting with 20 different civil society organizations.
- AidData conducted its first follow-up trip under the HESN award in Nepal during early February.
- During Q1 and Q2, the AidData Center recruited its 2014 AidData Summer Fellows cohort and identified hosting organizations. Ultimately, 22 fellows were chosen representing 7 universities and 3 HESN labs. The fellows spent 10 weeks during summer 2014 embedded with 13 different development stakeholder organizations in Uganda, Nepal, Timor-Leste, Mexico, and Senegal.
- The AidData Center undertook a civil society data uptake sustainability assessment trip to Uganda in August 2014 to evaluate barriers to and opportunities to promote sustained data use.
- In August 2014, the AidData Center partnered with the Resilient Africa Network (RAN) HESN lab at Makerere University to host a hackathon event in Kampala, Uganda.
- ARC members engaged with several USAID offices including initiating a collaboration with the USAID Colombia Mission to conduct a spatial impact evaluation of a municipal governance program.

- In FY2014, AidData was able to import the full IATI publication for USAID, DfID, UNOPS, World Bank, and AfDB.

- AidData began to re-engineer the AMP GIS module using new technologies and an Open API.

- AidData initiated its innovation pilot program in FY2014 with the development of three innovations that leverage geocoded aid information to solicit feedback from citizens and NGOs and improve understanding of the “total picture” of development aid in Uganda.

### 3. Key Activities

#### Objective I: Gather Geocoded Data

During FY2014 the AidData Center completed geocoding work in four of our FY2013 partner countries: Timor-Leste, Haiti, Uganda, and Senegal.

**Timor-Leste:** In FY2014, AidData finished geocoding work in Timor-Leste. In total, over 2,800 locations were geocoded and imported into the Timor Aid Transparency Portal. During the wrap-up trip in Q2, the Ministry of Finance held a public launch of the AMP GIS module with support from AidData that was attended by development partners and by Ministry of Finance officials and government staff who were trained on use of the AMP GIS portal.



*AidData and Ministry of Finance staff meet at AMP GIS module launch.*

This portal was presented to the Vice-Minister of Finance, who said “This tool is very good and important for both the Government and Development Partners. During the Ministry of Finance planning process we use statistics maps like these. Having this will make it easier to see the projects already taking place and where we need to focus more. For Development Partners, this will help avoid duplication of effort. This data will be a great benefit.” In addition, this tool was presented at the informal Donor Partner meeting and to a broader group of Ministry of Finance staff.

**Haiti:** AidData completed the geocoding work in Haiti with a wrap-up trip during Q2 to provide training on the mapping module to AMP staff as well as donor agencies. During this trip, the 1,600 project locations that were geocoded by AidData were imported into Haiti’s AMP. During the wrap-up trip, AidData staff coordinated closely with the AMP team within the Ministry of Planning and External Cooperation (MPCE) to discuss and clarify lingering questions regarding the GIS Module, the geocoding process, and the public portal, and create a geocoding data management and sustainability plan for the AMP team and for donors to use as a reference for moving forward. The sustainability plan, geocoded data, and next steps were presented to and discussed with donors during a donor meeting

(representatives from: IADB, MINUSTAH, UN, Swiss Cooperation, ECHO, EU, French Embassy, and World Bank). A meeting was conducted with CNIGS (National Centre of Geospatial Information) to discuss the potential to use and integrate additional layers (e.g. health, population, etc.) into Haiti's AMP GIS module. AidData staff met with USAID Haiti to discuss the final outcomes of the geocoding work and to provide them with the geocoding sustainability plan. Additionally, a meeting was held with the Director General of External Cooperation of the MPCE to present the geocoding work that was conducted, to present the GIS module, and to stress the importance of relaying the relevance and necessity of this tool, and this work, to be used and integrated within the Government of Haiti (GoH) and the donor community.

**Uganda:** Geocoding work in Uganda was completed with the wrap-up trip and return of the AMF in January 2014. During this trip, 569 geocoded aid projects were uploaded into the Uganda Aid Management Platform (UAMP) and Esri license was updated for the ArcGIS server. One Ministry of Finance official has said regarding the geocoding work that, "This is an important first step because we lack sometimes a clear basis for why certain development projects and resources are allocated to certain areas. Now we can use the map as a first step to justify project implementation." AidData trained focal points from key donors and the Aid Liaison Department (ALD) on the AMP GIS module. AidData also held a successful final meeting/presentation with the USAID/Uganda program office, organized by GIS specialist Richard Okello and held a meeting with the Uganda Bureau of Statistics (UBOS) to demonstrate the map layers we made with the data they provided. AidData worked closely with ALD to prepare for a public launch of the UAMP portal that is set to occur in Q1 FY2015.

**Senegal:** Geocoding work was completed in Senegal during Q1 with the import of 406 geocoded aid projects into the Senegal AMP. During this wrap-up work, the Senegal AMP team showcased the aid map to higher-level officials as well as some donors in country. Senegal is also in the process of publishing second and third ODA reports, the latter of which is expected to contain a section on the geocoding activities. AidData is scheduling follow up work in Senegal for FY2015 to assess the how the geocoding work that has been maintained by the government and to provide a refresher training on an as-needed basis. AidData worked with the Department of Economic and Financial Cooperation (DCEF) to develop a public AMP platform that will be launched in FY2015.

The AidData Center also initiated geocoding work in two new partner countries during FY2014: Honduras and the Democratic Republic of Congo (DRC).

**Honduras:** AidData completed an in-country trip in March, 2014 to kick off the geocoding work and embed the Aid Management Fellow which included meetings with 10 donors to introduce the geocoding work. During the kick-off trip AidData staff also conducted trainings of some government staff and presented the geocoding work to the new Chancellor of Secretaría de Relaciones Exteriores y Cooperación Internacional. Since starting geocoding work in Honduras, AidData has geocoded 420 projects with over 4,000 locations to date. Additionally, conversations have begun with Universidad Nacional Autónoma de Honduras to take over the geocoding effort in country following the completion of AidData's presence in-country.

**Democratic Republic of Congo:** AidData initiated geocoding work in DRC in February 2014 with a kick-off trip that included meetings with development partners, iterative improvement of the methodology in consultation with government, and broad training/sensitization of government partners. Geocoding work continued throughout the duration of FY2014 and will continue into FY2015. AidData will conduct its wrap-up trip to DRC in October 2014.

More than 150 government and development partner staff in Y1 and Y2 partner countries were trained on the Aid Management Platform GIS tool in during official training sessions throughout FY2014. To facilitate these training efforts, the Aid Management Fellows created training videos, PowerPoint presentations, and “training of trainer” modules.

The AidData Center also conducted an assessment of the possibility of engaging the Government of Indonesia and the USAID/Indonesia mission in a geocoding activity in Q2. The team met with several different stakeholders, including key government officials and development partners. In general, interest was very high, especially in terms of building GIS capacity and eventually using the methodology and the capacities that they would develop to map the national budget of Indonesia. Following the assessment trip, USAID/Indonesia mission asked AidData to hold off on any activities until after the national elections and will re-evaluating the possibility of geocoding work in Indonesia following the elections.

In order to complete the FY2014 geocoding work, the AidData Center university campuses at W&M, BYU, and UT recruited 77 new undergraduate and graduate geocoders through recruitment cycles in December 2013, April 2014, and September 2014. New training materials for geocoding were created during the summer of 2014 and this new training material was applied for the most recently hired group of geocoding interns. All three universities provided training to all geocoders twice during FY2014.

The AidData Center launched the Open Request Geocoding Window during Q2. This window provides USAID staff and members of the ARC to submit requests for data sets to be geocoded by the AidData Center. The tri-annual review cycle corresponds with the student hiring windows at our university consortium members for the fall, spring, and summer academic sessions. During the summer of 2014, Open Request coding requests were approved to build a time-series dataset (2000-2011) of geocoded World Bank projects and to geocode UNOCHA’s Financial Tracking System data for the Central African Republic. Both coding projects are expected to be completed during Q1 of FY2015.

AidData began conversations with several missions on the possibility of conducting in-country geocoding activities, including Tanzania, Niger, and the Philippines. AidData instituted regular meetings with HESN staff to determine country selection strategy.

To improve quality and time-to-market of its geocoded data products, AidData has refined its quality assurance processes in FY2014 to enable a systematized approach to the creation of datasets and field definitions. In recent months, our primary focus has been in developing a consistent set of field names and field quality criteria, akin to a Data Dictionary, which is allowing us to produce automated tools to both check our data products for quality issues, as well as generate new products from these “Level 0” data products. This methodology has allowed AidData, for the first time, to produce datasets that are

regenerated automatically from any change in the underlying data, with little or no lag in delivery. We will continue to extend this methodology across all of our data product lines in the coming year.

AidData conducted its first follow-up trip under the HESN award in Nepal during early February. The goal of the trip was to (1) provide follow-up training and capacity support to the International Economic Cooperation and Coordination Division (IECCD) in the Ministry of Finance related to their use of geocoded AMP data, and (2) assess the effectiveness, uptake and sustainability of the 2013 geocoding efforts. AidData conducted a combined training session for IECCD and Line Ministry staff with 25 attendees and used role-playing to discuss and illustrate ways for using AMP and AidData maps in day-to-day work. AidData also interviewed 8 IECCD staff (section officers and undersecretaries) and 7 development partner staff and administered AidData's results survey. The key finding was that donor staff are not using the AMP map tool very much because only AMP focal persons have been trained on how to use it. To ensure donor uptake, customized trainings must be held for program staff – preferably conducted by an IECCD representative. AidData also gathered feedback on how to improve the AMP map tool to improve uptake among donors and government. The key finding was that the AMP map tool needs a few critical updates in order for government users to get more value from map. These updates are scheduled for the next version of the AMP GIS module (described under objective 3). AidData also met with four journalists to discuss how AidData's map/information can be used more effectively by media and civil society.

## **Objective 2: Create a global network of scholars using geocoded aid data to inform policy**

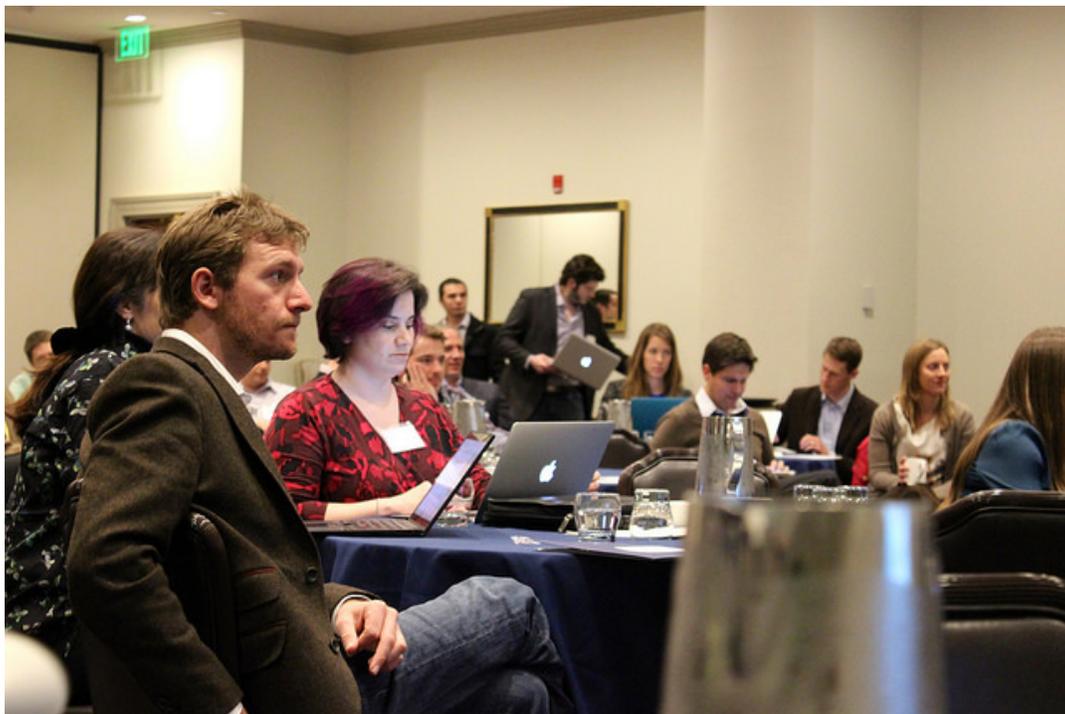
At the beginning of FY2014, the AidData Center recruited six AidData Research Consortium (ARC) Team leaders for the global health, climate change, conflict, economic growth, democracy and governance, and humanitarian assistance ARC teams. To lay the groundwork for successful research collaboration between the ARC and USAID, ARC Team Leaders met with approximately 70 representatives from 29 USAID bureaus and offices in December to discuss potential areas of collaboration on research projects. Additionally, ARC Team Leaders met with individuals at the Center for Global Development and the Brookings Institute to discuss how subnationally geocoded development finance data could be useful in their research and to identify areas of potential collaboration. These initial meetings helped USAID operating units learn more about the ARC and the types of research that ARC members could undertake.

The research activities of the AidData Research Consortium kicked-off during Q1 with the first convening of the AidData Research Consortium (ARC) on January 8-11, 2014 in Williamsburg, VA. Fifty-six of the 81 ARC members attended the 4-day convening across multiple disciplines including political science, economics, geography, and global health. Attendees participated in skills workshops, met in teams to advance research agendas, and presented current research projects utilizing AidData's subnational geocoded development finance data.

Throughout FY2014, ARC members met with USAID offices and collaboration with the Office of Transition Initiatives and the USAID Colombia Mission are underway. With OTI, the ARC researchers

are helping with a quasi-experimental design to examine how OTI's programming led to perceptions and actual reductions in violent acts. Working with the Colombia Mission, ARC researchers will undertake an evaluation of one of the mission's programs.

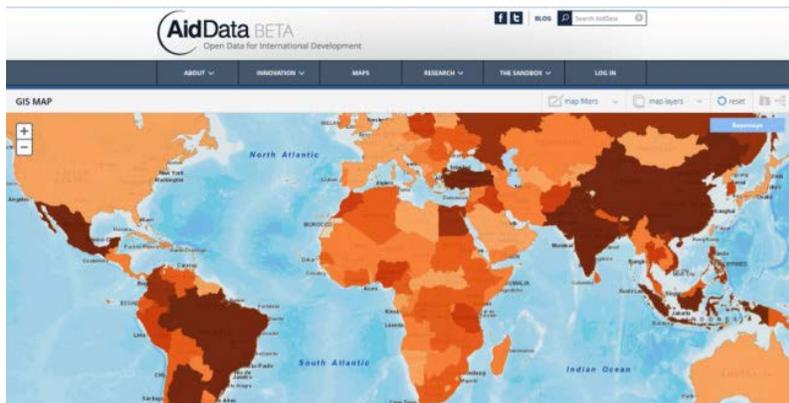
Throughout FY2014, members of the AidData Research Consortium undertook research projects that utilized subnational geocoded development finance data. On a competitive basis, ARC members had access to resources to enable them to kick-start their projects including research assistant hours, technical grant writer time, kick-start funding, and time of the Policy & Communications team. While these resources were mobilized by a few members of the ARC, they were not sufficient to catalyze cutting-edge research. In order to catalyze innovative research using subnational geocoded development finance data, AidData restructured the ARC at the end of FY2014 to free up more resources for researchers to apply for and then use to conduct their research. By eliminating the team leader positions and consolidating the kick-start funds, a larger pot of financial resources have been made available. During Q1 and Q2 of FY2015, members of the ARC will have the opportunity to apply for Research Awards to carry out their projects and these larger awards will be made on a competitive basis. It is anticipated that awards will be made in the \$50-200k range. In addition to these Research Awards, funding will be made available for projects that are in deep collaboration with USAID through the Strategic Research Response funds.



*The first ARC Convening was held at the College of William & Mary on Jan. 8-11, 2014.*

### Objective 3: Develop and disseminate analytic tools for visualizing and analyzing geocoded aid information:

On October 29, 2013, AidData released the 3.0 version of its [aiddata.org](http://aiddata.org) portal during Global Transparency Week. The 3.0 Launch was primarily marked by an event featuring speakers and a demo in Washington D.C. in addition to an internal launch with USAID. The 3.0 version of the portal includes significant enhancements in functionality and data accessibility, including: (1) a state-of-the-art GIS portal containing all available geocoded data where users can pull in layers from ArcGIS Online or ArcGIS servers, save maps, share via social media or email, and embed in their own site or blog; (2) interactive dashboards allowing users to view data in charts, aggregate tables, project lists, or a map; (3) inclusion of



*AidData 3.0 was launched in October 2013 at a public event in Washington, D.C. The updated portal includes new features, including facilitating mashups of different data layers to enable new insights.*

aggregate data on remittance and Foreign Direct Investment (FDI) inflows/outflows; (4) a public API where users can access all of the AidData data programmatically; (5) data exports to .csv and IATI XML; and (6) entirely redesigned website look and feel, including easier access to AidData data and research, and description of HESN work. Finally, the expanded data and functionality serve as a critical building block for both country operations (by hosting data for all

countries geocoded through HESN) and the AidData Research Consortium (by providing easy access to the data in multiple formats and cutting edge tools to explore and mash up geospatial datasets).

In FY2014, AidData was able to import the full IATI publication for USAID, DfID, UNOPS, World Bank, and AfDB. During the import process, AidData staff cleaned the data wherever possible, de-duplicating organization references, mapping sector codes to OECD standards, deflating currencies to USD2011, and addressing other data quality concerns. These data are now visible in 3.0 using the advanced search interface, allowing users to select data from IATI, OECD, AidData, and Country Systems without double counting.

Based upon feedback from YI geocoding partner countries, AidData began to undertake significant enhancements to the AMP in FY2014 (complemented by cost share from EC funding). Most notably, the AMP GIS is being re-engineered using new technologies and an Open API. The new AMP GIS will significantly streamline user experience, aligning visualizations with actual decision scenarios and government units of analysis. It will also become easy for government partners to upload and create new indicator maps (e.g. based upon census data) using only spreadsheets, without requiring GIS experience. These are critical features for government sustainability and easier USAID Mission use. The Open API will also help to streamline AidData's Quality Assurance process performed as part of the final delivery of geocoded data for ARC researchers (discussed under objective 1). The new AMP GIS will be rolled

out first to Timor-Leste and Nepal in November 2014 and will ultimately be available to all AMP countries (including all HESN AMP countries).

AidData has been working to re-engineer AidData's Internal system (complemented by cost share from Hewlett Foundation funding), which will allow the Data team to keep up with the rapidly growing supply of data from a variety of sources, including the OECD, IATI, donor websites and APIs (including the forthcoming [usaid.gov/map](http://usaid.gov/map) API), and most importantly, Aid Information Management Systems (AIMS). This will ensure an up-to-date, comprehensive database and portal with the latest geocoded data from many sources. The Internal system will also merge AidData's existing data management and geocoding processes, reducing the time required for HESN-geocoded countries to appear in the AidData.org portal. "Internal 3.0" is scheduled for release in January 2015.

AidData initiated its innovation pilot program in FY2014 with the development of three innovations that leverage geocoded aid information to solicit feedback from citizens and NGOs and improve understanding of the "total picture" of development aid in Uganda.

**Project Pulse:** AidData 3.0's "user-contributed" functionality (now called "Project Pulse") was launched in Summer 2014. AidData has begun featuring a weekly "Project in Focus," soliciting feedback on high-profile projects in various countries through outreach directly to individuals associated with, or with specific knowledge of, the project. Project in Focus is also featured on the AidData blog and homepage (<http://aiddata.org/blog/taking-the-pulse-of-global-development-aiddata-seeks-new-insights-on-how-citizens-engage-with-open>).

**Indian NGO Experiment:** Building upon Project Pulse, the Innovation Team has been working closely with two ARC Researchers (Dan Nielson and Mark Buntaine) on a Randomized Control Trial (RCT) that involves outreach to approximately 50,000 NGOs in India to discover what can motivate high-quality feedback from civil society on aid projects that are within close physical proximity. The technical innovations include leveraging Google Analytics tools to track the time on page and specific actions performed by individual users, determining how different email treatments affect behavior from thousands of potential users.

**Uganda Crosswalk:** Working in collaboration with UNICEF Uganda and USAID/Uganda, Kampala-based AidData Summer Fellows researched the feasibility of cross-walking development data at the project level with donor funding information in the aid management platform hosted by the Ministry of Finance, Planning and Economic Development's (UAMP, formerly PIMIS). A system combining diverse data like this could provide a first-of-its-kind holistic overview of development activity, aggregating and visualizing information from site visit M&E indicators to national budgeting and resource allocation. Geospatial data availability can also drive its use as an important collaboration tool for project implementers. Currently AidData is working with USAID to determine how this project could leverage existing data from sources such as USAID/Uganda's Strengthening Decentralization for Sustainability Program (currently hosted in UNICEF's DevTrac system) and AIDtracker Plus.

The AidData Center also launched its Strategic Response Innovation (SRI) program in FY2014 that enables USAID operating units to collaborate with the AidData Innovation Team to develop innovative

technologies that address key data-related needs. During FY2014, the AidData Center started or completed development of three SRIs.

**Global Development Lab Web Map:** AidData, through consortium member Esri, executed a Strategic Response Innovation for the Global Development Lab, working with the GeoCenter. Esri created a custom ArcGIS Online application to show where the various groups under the Global Development Lab are working throughout the world. The web map is currently displayed in the home page of the Lab (<http://www.usaid.gov/GlobalDevLab/about>).

**Development Experience Clearinghouse (DEC) Innovation:** In FY2014 Q2, AidData received clearance from USAID to initiate work on a Strategic Response Innovation to (1) extract text from the 150,000+ PDFs hosted on the Development Experience Clearinghouse (DEC); (2) refine the metadata applied to those files through concept extraction; (3) create a web application to allow users to run keyword searches on the extracted text; and (4) export their results into open formats. AidData has also obtained buy-in from the Global Development Lab to cover hosting arrangements to allow users to download the full archive (approximately 400GB) of PDFs to replicate the innovation using different suites of open source tools. AidData is currently working with the Office of the Chief Information Officer and the Lab to plan and support a future hackathon, combining the extracted DEC data with other USG datasets.

**Colombia MONITOR Setup:** In FY2014 Q4, AidData reached agreement with USAID/Colombia for the development and integration of a GIS Module with its Management Information System (MONITOR). Preparations have been taking place in coordination with Paulo Gomez from the Colombia Mission, including the development of a scope of work and initial set of functional requirements. A kickoff trip will take place from October 27-31, 2014 with the Innovation Team, GDL, and USAID/Colombia staff and work will be performed in Q1-Q3, FY15.

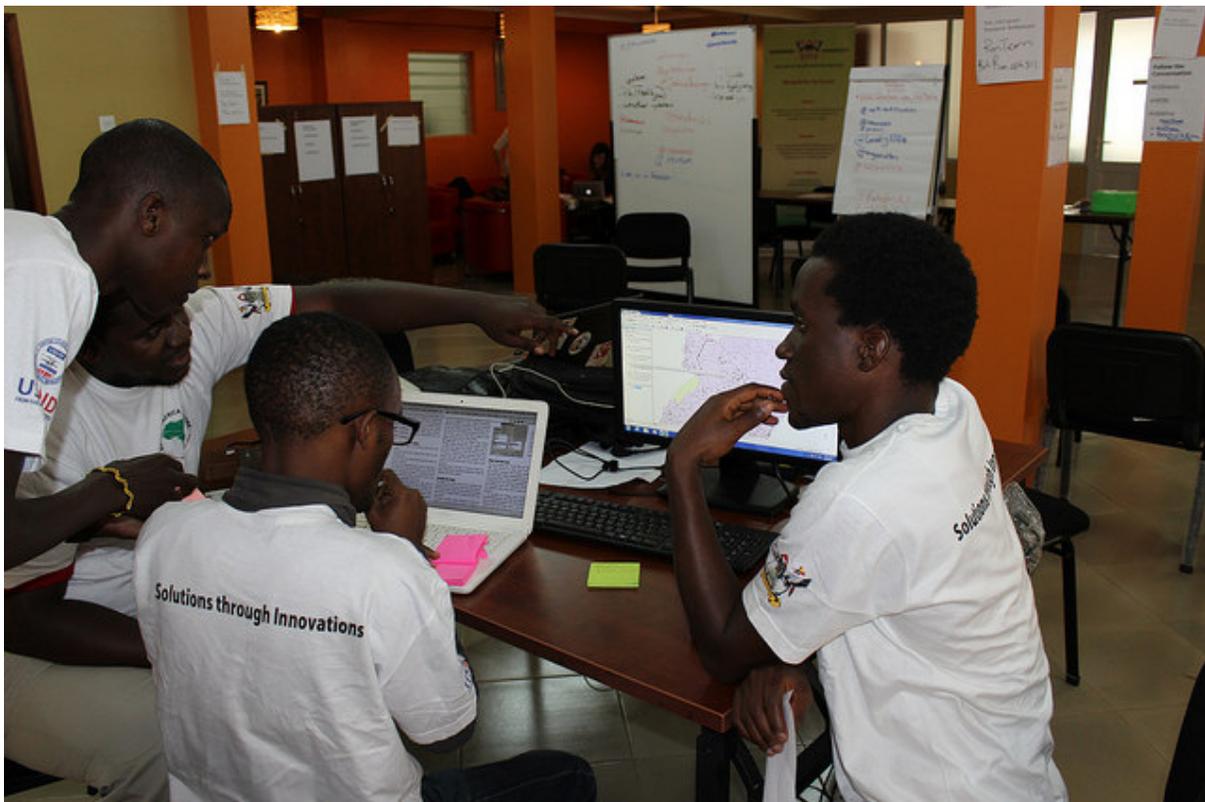
## Objective 4: Catalyze Scientific and Technological Innovation

During FY2014, the AidData Center concluded its inaugural round of participation in UC Berkeley's Big Ideas Competition and initiated a second round of engagement in Q4. The Big Ideas Competition, established 10 years ago, calls on students to propose innovative solutions across a number of categories such as poverty alleviation or social justice.

In Q4 of FY2013, the AidData Center announced its new Open Data/Open Governance category and worked closely with the Big Ideas team at UC Berkeley throughout FY2014 as students prepared their proposal submissions. Across all three Big Ideas categories, William & Mary students submitted 12 pre-proposals; two of these teams were selected as finalists. From an initial pool of 25 pre-proposals, seven teams across four campuses were invited as finalists in the inaugural Big Ideas Open Data category, including one team from William & Mary. The AidData Center also secured ten judges and one mentor to support proposal development and judging.

In September 2014, AidData partnered with UC Berkeley for the second year to bring the Rudd Family Foundation Big Ideas competition to The College of William & Mary. W&M students were invited to participate in HESN categories including Conflict & Development, Global Health, Mobiles for Reading, Food Systems Innovation, and a revamped AidData co-sponsored category on Open Data for Development. AidData hosted several information sessions and a Google Hangout with staff from UC-Berkeley for the W&M campus community. In addition to campus outreach and offering proposal advising for students, AidData assisted in developing contacts for judge and mentor recruitment for the 2014/2015 competition cycle.

In August 2014, the AidData Center partnered with the Resilient Africa Network (RAN) HESN lab at Makerere University to host a hackathon event in Kampala, Uganda. The hackathon theme was “Innovating for Resilience towards Climate Change: The Role of Open Data and Visualization.” The event was attended by 25 hackers who competed in teams to develop a map or app to address the challenge of resilience to climate change in Uganda. After a full day of hacking, the winning team created a climate change vulnerability index using different sources of open spatial data and then used ArcGIS software provided by AidData to produce maps showing the most vulnerable areas to climate change to target resilience investments.



*Students participate in a GIS hackathon at Makerere University in Uganda*

On March 29-30, 2014, AidData sponsored two challenges at William and Mary’s first student-organized Hackathon (<http://www.tribehacks.com>). Over 100 students attended from as far away as California.

During the weekend event, AidData offered two challenges: the first an open-ended challenge for the best use of our data in an application or visualization and the second a directed challenge to build a machine learning algorithm to automatically activity code AidData's data, in an attempt to beat our best known algorithm. 15 students across 5 teams attempted our challenges, and AidData staff were on hand for the entire weekend to work with the students. The two winning teams, one from Old Dominion University (who built a 3D visualization of aid flows using Google Earth), and one from William and Mary (who built a coder that nearly bested our current algorithm), were awarded prizes at the end of the weekend.

The AidData Center initiated its Research and Policy Events (formerly referred to as "salon events") by planning and implementing three events in FY2014 in Washington and Kathmandu:

**Nepal Open Data Working Group Meetings:** In February, the AidData Center and Kathmandu University co-hosted the first meeting of the Nepal Open Data Working Group at the KU School of Arts campus. This event brought together 25 development professionals representing the civil society, government, and donor communities to discuss opportunities and challenges they face in using the geocoded aid information produced by AidData in partnership with the Ministry of Finance in their development work. The working group event raised several key issues including (1) the need for a better mechanism for gathering citizen feedback about aid projects in Nepal, and (2) the need to make information especially accessible to on-the-ground project implementers and other civil society representatives. In August, AidData collaborated with Kathmandu University and Open Nepal to host a second meeting of the Nepal Open Data Working Group focused around the public release of the Nepal budget data for the fiscal year. This meeting was organized and facilitated by AidData Summer Fellows in Nepal and featured a presentation of geocoded budget maps they had produced with their host organizations.

**Citizen Feedback Event:** On September 17, the AidData Center and Feedback Labs co-hosted "Citizen Feedback: Bolstering or Circumventing the Democratic Process?" This breakfast event and discussion brought together more than 40 participants from approximately 20 different organizations to tackle important questions about feedback initiatives including the following: How does directly engaging citizens in dialogue about development investments and results intersect with other elements of representative democracy? Do feedback initiatives adequately take parliamentarians into account? Can parliamentarians help close the loop and incentivize the executive branch to not only solicit, but take action upon feedback from citizens? Panelists Tony Pipa (USAID), Greg Adams (Oxfam America), Lily Tsai (MIT), Manny Jimenez (World Bank Independent Evaluation Group), and Koebel Price (NDI) shared experiences and lessons learned from their work and engaged in a rich dialogue about these questions, with members of the audience joining in the conversation as well.

During FY2014, AidData implemented several new opportunities for student engagement in terms of both professional development and academic achievement. Over the course of the summer 2014 research session, students had the opportunity to participate in several skills courses in topics ranging from data analysis tools to career development. AidData's first student "field day" in Washington, DC also occurred in summer 2014. Students had the opportunity to engage with individuals at locations including the Department of State, Chemonics, the World Bank, and Georgetown University. All

students also attended a presentation by Ticora Jones (USAID) held at the Development Gateway office space in the Open Gov Hub in Washington, DC. Through the entirety of the year, students were able to engage with AidData in several key activities beyond the scope of their normal data coding duties. Students interested in academic research were able to apply to join the Research Support Team to work with AidData affiliated researchers and ARC members and the Research and Policy Fellows program to develop and implement an independent research project. Several AidData-related courses were also taught for academic credit at W&M during FY2014. These courses included International Relations 390: Field Experiments in International Development and International Relations 391: Policy-Oriented Research and Analysis Using Aid and Development Data.

The AidData Center, in conjunction with the College of William & Mary and Colonial Williamsburg, hosted HESN's inaugural Technical Convening in November 2013. TechCon brought together 260 experts and students from diverse specialties in development assistance. IBM and Esri provided \$6,500 in funding for student innovators who competed in a contest where they presented projects in areas such as women's health, water quality, and the link between disasters and violence. As the host lab, AidData worked with partners across the WM campus to support development efforts, event logistics, and media outreach. A group of attendees was invited to a reception hosted by WM President Taylor Reveley, who also addressed the larger group to kick off the event. WM Vice Provost for International Affairs Steve Hanson and ITPIR Director Mike Tierney also spoke during the conference.



*Students participate in design lab workshop at HESN TechCon Student Summit.*

On Saturday, the students participated in a student summit organized by AidData Research Assistants Lauren Harrison '14, Rachel Benavides '14, and Cate Johnson '15. They also participated in a Story Map tutorial from Esri software providers and a design lab workshop at the Mason School of Business taught by Molly Adair '14. Students participated in an "Innovation Marketplace" on Sunday and Monday, showcasing their individual projects in a science-fair setting. Each conference attendee

received development dollars to invest in their projects, and four were selected to give final pitches at the end of the conference. AidData's Tracking Under-Reported Financial Flows project won second place in the pitch competition, represented by Dylan Kolhoff '14, Xiao Liu MPP '14 and Emily Qiu MPP '15.

## Objective 5: Build Partner Country Capacity

In December 2013, the AidData Center undertook a civil society outreach and partnership development trip in Uganda. During the trip, the AidData Center met with 20 different civil society organizations, including the Resilient Africa Network HESN development lab team, to discuss their interest in using geocoded aid information to enhance their work and identify collaboration opportunities with AidData. The trip also included a presentation to the USAID Uganda Mission and the Aid Liaison Department of Uganda's Ministry of Finance, Planning, and Economic Development (MoFPED). Throughout FY2014, Aid Management Fellows in Timor-Leste, DRC, and Honduras also engaged in outreach to civil society organizations around the geocoded aid information.

During Q1 and Q2, the AidData Center recruited its 2014 AidData Summer Fellows cohort and identified hosting organizations. For the first time, the AidData Center opened the application for the Summer Fellows program to students affiliated with universities outside of the AidData Center. A special priority window was opened to the HESN campuses, which saw applications from students affiliated with Makerere University, Texas A&M, and University of California-Berkeley. Ultimately, 22 fellows were chosen representing 7 universities and 3 HESN labs. This represents a 100% increase in the number of AidData Summer Fellows over FY2013. This increase was made possible by leveraging external funding sources to expand the number of fellowships.

The AidData Summer Fellows convened in Williamsburg in Q3 for a week-long intensive skills boot camp focused on building skills in teaching geocoding and GIS, strategic communications, and partnership development. Following the boot camp, the fellows spent 10 weeks during summer 2014 embedded with 13 different development stakeholder organizations in Uganda, Nepal, Timor-Leste, Mexico, and Senegal. The fellows will work to build the capacity of their host organizations to use geocoded aid information in their development work. Some highlights are included below:

Lauren Harrison (WM) and Sam Brecker (WM) worked with Seeds of Life and the Ministry of Agriculture GIS Unit in Timor Leste to design a tool that leverages Google Earth to enable politicians and citizens residing outside of the capital city to access and engage with geospatial data without internet connectivity.

Nkechi Charles (UT) and Nelson Wasswa (Makerere) collaborated with Agency for Transformation (AfT) in Uganda to map government expenditures and aid flows in the Agriculture sector. They brought these maps to a smallholder farmer meeting in Mubende district and engaged the farmers in a discussion around the effectiveness of agricultural service delivery. Armed with this geocoded information, these farmers will work with AfT to promote accountability and pro-poor resource allocation in the Agriculture sector,

Erin Cusack (UT) and Jay Tekwani (Richmond) worked with Freedom Forum in Nepal to train Nepali journalists to visualize and analyze geocoded aid information to enable evidence-based reporting on development issues. One of the journalists trained by the Summer Fellow featured a map produced with the geocoded data in an article that ran on the front page of the business section of the Annapurna Post.



*Staff at Freedom Forum discuss advances in their work to improve open governance. AidData Summer Fellows Erin Cusack and Jaykumar Tekwani work with Freedom Forum, an open governance advocacy organization that is part of the Open Nepal partnership and the International Budget*

As discussed under Objective 1, the Aid Management Fellow in Honduras initiated conversations with Universidad Nacional Autonoma de Honduras to take over the geocoding effort in country following the completion of AidData's presence in-country which are ongoing as of the submission of this report.

The AidData Center undertook a civil society data uptake sustainability assessment trip to Uganda in August 2014 to evaluate barriers to and opportunities to promote sustained data use among our civil society partners following the completion of the summer fellow engagement period. During this trip AidData met with 13 different civil society organizations and conducted 18 key informant interviews with CSO staff focused on uptake of geocoded aid information. The key takeaway is that while interest in using geocoded aid information is universally high, many organizations did not have sufficient skill and confidence to independently use the geocoded aid information at the end of the summer fellowship. Key barriers to engagement are low baseline data literacy, a steep learning curve to learn GIS software to visualize and analyze geocoded aid information, and a disconnect between technologists and civil society.

To respond to the lessons learned from the CSO Sustainability Assessment trip, the AidData Center initiated work in Q4 to develop curricula and resources for self-teaching to enable civil society staff to continue to build skills to engage with geospatial data. This work will continue into FY2015 in collaboration with Esri.

### **3.1 Communications**

During FY2014, 70 press releases, articles, editorials, blog posts, etc. featured the work of the AidData Center for Development Policy. This included 42 posts on the AidData blog The First Tranche that highlighted our HESN work. For more information, see the communications table.

### **3.2 Travel**

During FY2014, the AidData Center took 11 international trips to support our activities. This included three wrap-up trips to close out the geocoding work in three of our Year One partner countries (Uganda, Haiti, and Timor-Leste), two kick-off trips to initiate the geocoding work in our two Year Two partner countries (Honduras and Democratic Republic of Congo) and two assessment trips to evaluate data uptake and sustainability in two of our Year One partner countries (Nepal and Uganda).

## **4. Engagement of Partners and Other Actors**

### **4.1.1. Interdisciplinary Collaboration**

In FY2014, AidData implemented multiple programs at W&M to promote student-faculty collaboration on research related to aid and development. The AidData Research Support Team matched AidData students with affiliated researchers across disciplines through an independent study credit-bearing course. During the Spring 2014 and Fall 2014 semesters, researchers from the following disciplines/interest areas were involved: food security, humanitarian assistance, geospatial (land change and foreign investment), political economy, constituent feedback, HIV/AIDS, and open government/transparency. This fall, the first group of two AidData Research and Policy Fellows began work on independent research projects overseen by AidData's Chief Economist.

During the Spring 2014 semester, AidData staff collaborated with W&M to offer a one-credit course to W&M students (International Relations 391: Policy-Oriented Research and Analysis Using Aid and Development Data). 57 students were enrolled in this course. All students were required to write a policy brief and give a policy presentation on a topic of choice related to AidData. Topics covered by the course included Using Data Aggregators and Aid Information Management Systems; Tracking Off-Budget Aid; Using GIS Modules for Spatial Analysis; Using Sector, Purpose, and Activity Codes for More Granular Analysis; and Using Non-DAC Development Finance Data.

AidData's former Chief Social Scientist Dan Nielson taught a class at W&M during the Spring 2014 semester (International Relations 390: Field Experiments in International Development). This applied course brought together 12 undergraduate students, 9 AidData staff members, and 3 W&M faculty members to design and implement several randomized control trial experiments related to AidData's

research agenda. These experiments covered topics including the impact of spatial data on resource allocation decisions, motivations for donor coordination, and crowd-sourcing mechanisms.



*Data Manager Scott Stewart lends a hand to a student participating TribeHacks, the first hackathon hosted at William and Mary.*

In March 2014, AidData kicked-off the second annual Map-Off Competition for students. Student participants were tasked with using geocoded aid data and other sub-national data to explore thematic patterns related to the spatial distribution of aid. Through the course of the competition, 35 AidData student research assistants and interns received training in ArcGIS desktop and online platforms. Submissions were evaluated at various stages of the Map-Off, allowing students to gain one-on-one mentoring in developing a research question, identifying appropriate data sources, and developing visualizations. The winning submission from a team of two students, Haset Solomon '14 and Emily McLenigan '16, was featured on the First Tranche in July 2014. (<http://aiddata.org/blog/did-the-international-community-fail-the-central-african-republic>).

In March 2014, AidData sponsored two challenges at William and Mary's first student-organized Hackathon (<http://www.tribehacks.com>). The first was an open-ended challenge for the best use of our data in an application or visualization. The second was a directed challenge to build a machine learning algorithm to automatically activity code our data, in an attempt to beat our best known algorithm.

The first convening of the AidData Research Consortium occurred on January 8-11, 2014 in

Williamsburg, VA with 56 of the 81 ARC members in attendance. This event brought together multiple disciplines including political science, economics, geography, and global health to discuss how AidData's subnational geocoded development finance data could be used in research projects. In attendance at the ARC Convening were eleven ARC faculty members from William & Mary and 1 ARC member from TAMU's ConDev Lab.

During summer 2014, around 100 AidData students were in Williamsburg, VA for the W&M summer research session. 52 of these students were focused on geocoding development aid projects. AidData worked to provide professional development opportunities for students including: career talks from professionals working in Washington, D.C.; brown bag lunches with AidData staff; a field trip to Washington, D.C. featuring visits to locations including the Department of State, Chemonics, the World Bank, and Georgetown University; and skills courses including beginning and intermediate GIS, R, career



*Student research assistants at W&M during the summer research session.*

development, and data journalism. Additionally, many students had the opportunity to support research projects being undertaken by AidData's former Chief Social Scientist, Dan Nielson. At the end of the summer, students had the opportunity to present about their summer research or projects to senior AidData staff and several W&M faculty and administrators at the AidData Summer Symposium. During FY2013, Drs. Michael Findley and Catherine Weaver, AidData Center PIs at UT-Austin, established Innovations for

Peace and Development (IPD) to support UT's work with USAID and AidData on the HESN. USAID's investment in IPD has catalyzed

mentored research opportunities for the 134 UT undergraduate and graduate students that have engaged with IPD since its founding, including 25 Graduate Research Fellows that lead AidData-related research in conflict, climate change, food security, global health, experimental techniques for aid research and evaluation, and aid transparency (open aid).

During FY2014, Dr. Kate Weaver taught a MA seminar on International Development, which included training on AidData 3.0 and IATI. All students in the course used AidData's data as part of their initial data exercises and as part of their final research reports on regional development priorities. As a result of this exposure, several students also used AidData in their final projects for their GIS for Public Policy course (PA388K, taught by Miguel Pavon).

In the end of FY2014, the Policy Research Project (PRP) kicked off at UT-Austin led by Dr. Kate Weaver. Throughout the 2014-2015 school year, 18 MA students will assess the use and impact of open aid policies, with planned fieldwork in late 2014-early 2015 in Nepal, East Timor, Uganda and possibly Honduras. The key objective is to add to the emerging body of evidence on the use of open aid data, with a key focus on donor groups (as determined via consultation with key partners). Preliminary desk

research was carried out over the summer 2014 to support the PRP with the assistance of several students in the Innovations for Peace and Development research team at UT.

#### 4.1.2. Partner Engagement

The AidData Center engaged extensively with its consortium members during FY2014, kicking off the year with an AidData Center partners' summit in Williamsburg, Virginia to review accomplishments and lessons learned from Y1 and coordinate implementation strategies for Y2 across all award objectives.

AidData geocoding project managers at W&M, BYU, and UT-Austin coordinated with country project managers at DG throughout FY2014 to successfully complete the geocoding work in our Y1 partner countries and initiate the geocoding work in our two Y2 partner countries. The AidData Center implemented refined quality assurance (QA) processes for geocoded data sets in FY2014 which required close coordination between the data team at W&M, the field operations team at DG, and the geocoding project managers at W&M, BYU, and UT. These QA processes (discussed in further detail above) will enable a systematized approach to the creation geocoded of datasets and field definitions and will be applied to the production of all geocoded datasets throughout the life of the award.

AidData Center members across the consortium collaborated to develop the core innovation architecture that will provide the technological foundation for its work through the duration of the award. AidData Center staff at Development Gateway, William & Mary, and Esri worked closely on the development of the AidData 3.0 web portal throughout FY2014 and came together to plan and execute the AidData 3.0 Launch in Q1 FY2014. USAID's Alex Dehgan was one of the introductory speakers for the Launch, and the AidData Center worked closely with USAID to later carry out a USAID internal launch as well.

AidData Center staff across member institutions collaborated extensively on writing user requirements for the new AidData Internal system ("Internal 3.0") (discussed above) during Q1 and Q2. This process kicked off with a week-long Internal 3.0 summit in Williamsburg that brought together staff from DG, W&M, and BYU. Internal 3.0 will include upgrades that focus on streamlining the internal toolset, removing unneeded features streamlining coding workflows, and improving overall system performance for the entire range of internal users and is scheduled for release in January, 2015.

The launch of two new innovation programs in FY2014- Strategic Research Responses and Innovation Pilots- provided opportunities for close collaboration among the AidData Center partners. AidData Center members Development Gateway and Esri collaborated on a Strategic Response Innovation for the Global Development Lab (through the GeoCenter) to create a web-based map application that allows users to explore the Global Development Lab's activities worldwide. The map includes a variety of filters and map navigation to drill down on specific groups, initiatives, or countries. The map is featured in the Global Development Lab home page (<http://www.usaid.gov/GlobalDevLab/about>). Development Gateway and William and Mary coordinated closely on the roll out of the weekly "Project in Focus" initiative to accompany the launch of the AidData 3.0's "Project Pulse" innovation pilot (discussed above) in summer 2014. Development Gateway worked with BYU PI Dan Nielson and ARC Team Leader Mark Buntaine to develop technological innovations building on "Project Pulse" to be used

in a Randomized Control Trial (RCT) that involves outreach to approximately 50,000 NGOs in India to discover what can motivate quality feedback from civil society on aid programs in their vicinity.

All of the AidData Center partners worked together to host the inaugural HESN TechCon in Williamsburg, Virginia. W&M and Esri worked together to plan and implement the TechCon Story Mapping Competition. At the Student Summit, Esri staff trained over 60 HESN students in ArcGIS online to enable them to produce the story maps. Thirteen student teams participated in the story map competition during TechCon to create a cartographic product that best captured the HESN story. Esri provided software for all participants and a total of \$2500 for the winning team Esri also sponsored the AidData Map-Off Competition during Q2, and will be offering prizes to the winners in the form of free software and educational material which will be awarded in Q3.

The AidData Center university partners of W&M UT-Austin, and BYU worked together to facilitate student summer opportunities, in FY2014 including the AidData Summer Fellows and USAID HESN internship programs. The AidData Center received 12 applications from UT-Austin and 33 applications from the College of William and Mary for Summer Fellows positions, awarding 5 fellowships to UT-Austin students and 8 fellowships to W&M students. Several AidData Center students from all three of our university partners applied for internship opportunities at USAID made possible through the Higher Education Solutions Network. Ultimately, 7 students were offered internships with USAID this summer including students from UT-Austin and W&M. Our students will be interning in the following offices and bureaus this summer: Office of Science and Technology-Front Office, Office of Science and Technology-Data and Analytics Team, GeoCenter, Global Health-Research, Global Health- Center for Accelerating Innovation and Impact, and Regional Development Mission in Asia- Donor Coordination.

## 4.2. Summary of Collaboration Across HESN

### 4.2.1. Data

**Texas A&M:** The AidData Center consulted with the Texas A&M ConDev team to help them incorporate geospatial data collection methodologies into their household survey protocols for the DRC Capstone project. As a result of this consultation, the ConDev Capstone team purchased and used GPS devices to collect geospatial waypoints for the more than 3,000 household surveys they conducted.

**Resilient Africa Network:** The AidData Center consulted with the RAN team at Tulane University surrounding the incorporation of geospatial data collection into their upcoming quantitative household surveys. These discussions helped RAN establish geospatial data collection methodologies.

**Resilient Africa Network:** Two AidData Summer Fellows based in Kampala, Uganda trained RAN interns in the use of GIS software to visualize geospatial data. They supervised the RAN interns to apply their GIS skills to produce a visualization of the RAN resilience factors that is housed on the RAN website.

### 4.2.2. Solutions (Creation, Testing, Scaling)

**Berkeley:** The AidData Center worked with Berkeley to complete the Open Data/Open Governance window that was incorporated into the Big Ideas competition in FY2013. An AidData team received second place in this window. We also worked with Berkeley and TAMU to open an Open Data for Development window in the 2014-2015 Big Ideas competition (see objective 4 for more information).

**Resilient Africa Network:** The AidData Center and RAN co-hosted a hackathon event in Kampala, Uganda around the theme of “Innovating for Resilience towards Climate Change: The Role of Open Data and Visualization.” 25 student competitors were challenged to create maps or apps using geospatial data to address the challenge of resilience to climate change in Uganda (see objective 4 for more information).

**Texas A&M:** The AidData Center collaborated with Texas A&M and UC Berkeley to create a concept note outlining the creation of an HESN Big Ideas competition.

### 4.2.3. Student Engagement

**Resilient Africa Network:** The AidData Center and RAN co-hosted a hackathon event in Kampala, Uganda around the theme of “Innovating for Resilience towards Climate Change: The Role of Open Data and Visualization.” The event was planned and facilitated by AidData Summer Fellows. 25 student competitors were challenged to create maps or apps using geospatial data to address the challenge of resilience to climate change in Uganda (see objective 4 for more information).

**Berkeley:** The AidData Center worked with Berkeley to complete the Open Data/Open Governance window that was incorporated into the Big Ideas competition in FY2013. An AidData team received second place in this window. We also worked with Berkeley and TAMU to open an Open Data for Development window in the 2014-2015 Big Ideas competition (see objective 4 for more information).

**Texas A&M:** The AidData Center collaborated with Texas A&M and UC Berkeley to create a concept note outlining the creation of an HESN Big Ideas competition.

**TechCon Student Summit:** AidData students and staff worked with student representatives from all of the HESN development labs to plan a student summit at HESN TechCon in Q1. The summit featured a Story Map tutorial from Esri software providers and a design lab workshop at the Mason School of Business taught by Molly Adair '14.

## 5. USAID Engagement

### 5.1. USAID/Washington Interactions

During the month of December, the 6 ARC Team Leaders met with approximately 70 representatives from 29 USAID bureaus and offices in December to discuss the work of the ARC and identify potential collaboration opportunities. These bureaus include: Bureau of Global Health; Africa Bureau; Bureau of Democracy, Conflict, and Humanitarian Assistance; Bureau of Economic Growth, Education, and the Environment; Asia Bureau; and Bureau of Food Security. These meetings led to active research

collaboration between ARC members and OTI Afghanistan on a research project analyzing how OTI's programming led to actual or perceived decreases in violent acts. This project will be ongoing through FY 2015.

AidData has worked closely with the USAID Open Data team, specifically Kat Townsend, Alana Marsili, Maurice Kent, and Rob Baker (former PIF) on the DEC Strategic Response Innovation (see Summary of Key Activities, Objective 3). Meetings have included scoping out the activities to be performed, gathering feedback on the DEC dashboard, creating a buy-in activity to cover hosting and download costs, and planning a future hackathon using the DEC data combined with other USG data sources.

The AidData Center, in conjunction with the College of William & Mary and Colonial Williamsburg, hosted HESN's inaugural Technical Convening in November 2013. TechCon brought together 260 experts and students from diverse specialties in development assistance. IBM and Esri provided \$6,500 in funding for student innovators who competed in a contest where they presented projects in areas such as women's health, water quality, and the link between disasters and violence. As the host lab, AidData worked in close coordination with USAID HESN staff and with partners across the W&M campus to support development efforts, event logistics, and media outreach.

AidData worked in close coordination with USAID HESN staff to conduct outreach to USAID Missions in potential Y3 geocoding countries, instituting regular meetings to monitor progress. AidData also met with staff from the Africa Bureau several times during Year 2 to discuss opportunities to implement geocoding and other activities in African countries in the coming year. In particular, the Africa Bureau expressed interest in working in Tanzania, Niger, and Nigeria.

AidData alumna Pat Austria (WM '13) spoke at the launch event for the Global Development Lab in April. In her speech, she discussed her geocoding work at AidData, explaining how that process can make policy coordination a reality. Speaking about the event, Lab Director Mike Tierney spoke of Austria's speech to William and Mary News, noting "Pat Austria confirmed that what we are doing at AidData is actually making a difference in the lives of individuals in developing countries," Tierney said. "The Global Development Lab will provide AidData with a much wider range of collaborative partners. I expect this initiative will enhance our impact and effectiveness."



*AidData alumna Pat Austria (WM '13) speaks at the launch of the Global Development Lab*

The AidData 3.0 launch (described in Summary of Key Activities, Objective 3) included many USAID/Washington attendees. Most notably, speakers at the launch event included Alex Deghan (as head of OST) and Rob Baker (PIF), who spoke of the potential of AidData 3.0 to impact data analysis and policy outcomes through making data more open, accessible, and actionable.

Several AidData Center students from all three of our university partners applied for internship opportunities at USAID made possible through the Higher Education Solutions Network. Ultimately, 7 students were offered internships with USAID during the summer of 2014 including students from UT-Austin and W&M. Our students interned in the following offices and bureaus this summer: Office of Science and Technology-Front Office, Office of Science and Technology- Data and Analytics Team, GeoCenter, Global Health-Research, Global Health- Center for Accelerating Innovation and Impact, and Regional Development Mission in Asia- Donor Coordination.

## 5.2. USAID Mission Interactions

During FY2014 the AidData Center had several interactions with USAID Missions in our geocoding partner countries:

**Timor-Leste:** AidData held a mid-term and wrap-up meeting with the USAID/Timor-Leste mission to update on the geocoding work. USAID representatives attended the public launch of the geocoded data and GIS tool on the Aid Transparency Portal during the Q2 wrap-up trip and USAID was also present at the Informal Donor Partner meeting where the data was presented. Sandra Minkel, Interim Mission Director, mentioned that, “This was great, not only for us to see the platform but also to think about how we can work differently and more effectively to contribute to this effort.”

**Haiti:** During geocoding implementation, the USAID Mission in Haiti invited the Aid Management Fellow, to their weekly M&E meeting to give updates on the status of the geocoding work. The Mission was very supportive of the geocoding efforts and was happy to participate in the exercise, particularly due to their recent usage of DevResults, and was able to provide very detailed geospatial information as a result.

**Honduras:** The AidData Center and two representatives from the Honduras Ministry of Foreign Affairs Secretary of Aid Coordination met with USAID/ Honduras during the March geocoding kick-off trip. The AidData Center presented the geocoding process to the Mission, outlined expected results, and introduced the Aid Management Fellow. Following the kick-off trip, the AMF has worked with USAID/Honduras staff to obtain their project information to be geocoded. Due to delays in the provision of data, the USAID/Honduras data will not be part of the first data release in Honduras and will be geocoded in FY2015.

**Democratic Republic of Congo:** AidData Center staff and its USAID AOR met with the USAID/DRC mission to discuss the work plan during the kick-off trip. Several subsequent meetings have occurred with USAID management focal points throughout the year to keep the mission up to date on our work and on the evolving context of the AMP unit. There has been extensive collaboration with GIS specialist, Winock Monsengo, leading to the provision of highly precise USAID project locations. His support was also instrumental in understanding shifting administrative divisions and GIS potential in DRC. Winock also spearheaded a report to the Donor Coordination Group regarding GIS requirements for donors in early 2014 that set AMP as central to hosting geographic data.

**Uganda:** The AidData Center met with the USAID/Uganda Policy and Program Development Office during the January 2014 wrap-up trip to present on the results of the geocoding work. During this presentation, USAID/Uganda GIS specialist Richard Okello was asked by other mission staff at our USAID demo if he thought the mapping would be useful and he commented that it is “very useful to have all of our activities on one map so that we can see what we are doing.” One program officer suggested that map information be used for an upcoming evaluation of USAID activities in Northern Uganda. The program office also indicated that communications specialist can help publicize the UAMP public launch in early FY2015.

AidData also met with staff in the USAID/Uganda Policy and Program Development Office in May and August 2014 to support the Uganda Crosswalk innovation pilot (Section I.1, objective 3). During the May trip, the AidData team met with Mission staff to gauge their interest in development of a system linking Uganda’s Aid Management Platform (UAMP, formerly PIMIS) with M&E site visit data collected by UNICEF and project information from USAID. AidData staff returned to Uganda in August to present the findings of the AidData Summer Fellows feasibility research over the course of the summer. The USAID Mission expressed support for serving as a client in AidData’s development of such a system. Mission staff are interested in reporting more indicators for their projects as part of the data they make public and provide to the government, so they particularly like that this project could introduce fields for indicators into the UAMP system. In addition, there were discussions of how AidData could process and visualize new datasets if provided by mission GIS staff, including more specific geolocation information and potentially data on USG-funded projects outside USAID (i.e. CDC, PEPFAR), which make up a large portion of aid dollars in Uganda. AidData will continue to consult closely with the USAID/Uganda Mission during FY2015 as work on the Uganda Crosswalk innovation pilot continues. Richard Okello also served as a judge during the AidData-RAN Hackathon event (section I.1 objective 4) during August 2014.

**Nepal:** During the Nepal follow-up trip in February 2014, AidData met with the USAID-Nepal Policy and Program Development Director, GIS Specialist, and Economist to discuss progress/uptake of geocoding work to-date, as well as more general feedback on AMP. The GIS Specialist was formally interviewed for an assessment report.

During Q4, three members of the ARC - Sam Brazys, Matt Winters, and Erasmus Kersting - consulted with USAID/ Nepal economist Andrew Nelson on their ARC research project that will evaluate Aid for Trade initiatives in Nepal through conducting a survey. Andrew expressed that USAID/Nepal would be interested to provide feedback on their survey and receive the results of the survey.

Through partner country outreach discussions, the AidData Center also engaged with several other USAID Missions:

**Philippines:** During a trip to the Philippines for other work, AidData staff visited the USAID Philippines mission to present on AidData’s work and explore opportunities for future collaboration. AidData then created a mini-proposal of potential activities to be done with the mission. This visit and proposal led to a conference call with the USAID mission to discuss next steps. Negotiations are still ongoing.

**Tanzania:** The government of Tanzania asked AidData partner Development Gateway to submit a proposal for geocoding and the creation of a public portal. In order to give HESN a chance to be part of

this work, the Tanzanian mission was engaged. AidData's collaboration with the mission so far have included email communication and a visit to the Mission during an unrelated trip to Dar-es-Salaam where our work was presented and an AidData staff member helped clarify several questions and concerns that the Mission had.

The AidData Center also had the opportunity to engage with the Colombia Mission and Regional Development Mission of Asia (RDMA) during FY2014.

**Colombia:** AidData has worked closely with USAID/Colombia's MONITOR team in the end of FY2014 to lay the groundwork to initiate implementation of its upcoming SRI in the beginning of FY2015. Interactions have included weekly meetings with Paulo Gomez while he has been in Washington, DC on TDY with the Lab. These meetings have focused on creating an initial requirements document, which will be refined in close collaboration with Mission leadership during the upcoming kickoff trip from October 27-31, 2014. Two ARC researchers, Joe Young and Mike Findley, also began engaging with the Colombia Mission, on an evaluation of a selection of the mission's programs. Work on this evaluation will begin in FY2015.

**Regional Development Mission of Asia:** The AidData Center placed an HESN virtual intern (Lauren Harrison '14) with the RDMA in Summer 2014. Working with program development officer Frank Higdon, the intern performed desk research and assessed the quality and completeness of AIMS data in comparison to CRS data for 5 countries including Timor-Leste, Myanmar, Vietnam, Cambodia, and Laos. Research on these datasets was compiled in a data assessment report exploring a potential collaboration between AidData and the RDMA on building a regional donor coordination tool. The report included detailed information on differences across data sources, background on AidData's efforts to promote the use of geospatial data, the results of the data assessment described above, and recommendations for next steps. Frank is currently using the report to have informed discussions with mission employees on how to improve coordination with donors in the Lower Mekong region.

**Bangladesh:** ARC members Matthew Winters and Simone Dietrich are conducting a randomized field experiment to evaluate the efficacy of USAID branding in the context of the Accelerating Agriculture Productivity Improvement (AAPI) project in Bangladesh, which seeks to help millions of Bangladeshi farmers improve their food security and income through the application of improved production technologies in rice and other crop production. They will randomize whether or not the training sessions in which farmers participate are branded and will survey farmers both immediately after the training sessions and then several months after the training sessions. To support this project, geocoding of 9 large development aid donors (including USAID) in Bangladesh is underway at AidData-BYU.

## 6. Monitoring & Evaluation

### 6.1. M&E Updates

During FY2014, the AidData Center made progress towards its geocoding objectives, completing work in our FY2013 partner countries and initiating work in two new FY2014 partner countries, bringing the cumulative number country governments and USAID Missions using the AidData Center's geocoding services (Oin2) to 9, exceeding our FY2014 performance target by 1. With the release of the Uganda,

Timor-Leste, and Haiti geocoded data sets, the AidData Center brings the cumulative number of datasets produced to 8 (IR3.1in1). This is lower than our FY2014 performance target due to the development and implementation of our quality assurance processes, which has increased the time-to-release of geocoded data sets to ensure high quality. We expect to release the Senegal, Honduras and DRC datasets as well as the two open request data sets initiated in FY2014 in the beginning of FY2015.

The AidData Center conducted extensive outreach and capacity building efforts in FY2014 to promote data uptake in our geocoding partner countries, engaging with 115 stakeholder organizations in problem solving in 8 countries (IR3.2in1) and establishing 30 new formal partnership agreements, bringing the life of project total to 64 (IR2.3in1). To enable these capacity building efforts, the AidData Center embedded an Aid Management Fellow in each of our Y2 partner countries (IR3.1in2) and deployed 22 AidData Summer Fellows (Gin4), exceeding our FY2014 performance target by 120%. Together, these Aid Management Fellows and AidData Summer Fellows trained 322 stakeholders, bringing the cumulative number of professionals proficient in data management (IR1.3in2) to 966, exceeding our performance target by 383%

The AidData Center launched the AidData Research Consortium in FY2014 with 81 members from more than 50 different institutions, exceeding our performance target for membership in the ARC by 35% (IR2.1in3). The ARC and other AidData staff consulted extensively with USAID and the broader development community, providing 72 data-related analyses in FY2014 (O2in1). Despite this foundation, ARC research did not take off as quickly as expected in Y2 due to the structural limitations discussed below in Part 6. ARC research was facilitated in FY2014 through the award of 19 kick-start funding awards (IR3.3in2). In total, 7 publications were produced during the reporting period using geocoded aid data (IR2.2in2) that were cited in peer-reviewed journals 7 times during the reporting period (Gin3). Two ARC research projects received external funding during the reporting period (IR2.1in1).

The AidData Center worked extensively in FY2014 to foster the next generation of development leaders. On our university campuses, the AidData Center supported 13 classes (IR3.3in4), all of which were new classes created by the AidData Center with human or financial resources from HESN (IR3.1in3) bringing the life of project total to 20 classes supported. This included the creation of skills courses for W&M students and the establishment of 3 credit-bearing academic courses at W&M and UT-Austin. The AidData Center also fostered student innovation through three challenge competitions in FY2014: the AidData Map Off at W&M, the Open Data/Open Governance window of the Berkeley Big Ideas competition, and co-hosting an open data hackathon on resilience to climate change with the Resilient Africa Network in Kampala, Uganda. All together, 59 students participated in these challenge competitions, exceeding our FY2014 target by 136% (IR3.3in1).

## 6.2. Deviance from M&E Targets

The AidData Center deviated from several of its performance targets in FY2014. These deviations are discussed below.

**Gin7:** # of US students via HESN partners serving as fellows as developing countries (for more than one month). Target: 10, Actual: 20 100% over target.

The AidData Center exceeded its FY2014 performance target by placing 20 fellows instead as the targeted 10 by leveraging external funding to expand the number of fellowship positions.

**IRI.2in5:** Number of innovations, technologies, or approaches in the innovation pipeline. Target: 7, Actual: 8. 14% over target.

**IRI.2in6:** Number of innovations, technologies, or approaches that complete at least one of the five stage in the pipeline. Target 6, Actual: 8. 33% over target.

**IRI.2in4:** Number of new data-related technologies, tools, approaches, and best practices supported or applied with human, financial, or institutional resources contributed by HESN Development Labs. Target 5, Actual 8. 60% over target.

The AidData Center exceeded its FY2014 performance targets for the creation of innovations and technologies due to the success of our Strategic Response Innovation program in FY2014 (3 innovations) and our Innovation Pilots program (2 innovations).

**O2in1:** Cumulative number data-related analyses, mapping activities, and expert consultations provided for USAID operating units and programs, HESN partners, and the broader development community with human, financial, or institutional resources contributed by HESN Development Labs. Target: 20, Actual: 72. 260% over target.

**IR2.2in1:** Cumulative number data-related analyses, mapping activities, and expert consultations provided by the AidData Research Consortium for USAID operating units and program. Target: 10, Actual: 28. 180% over target.

**IR2.2in2:** # of white papers, articles, assessments, analyses, and evaluations on development challenges, innovations, technologies, approaches, and contexts (drafted with human, financial, or institutional resources contributed by HESN Developments Labs) published in targeted fora and publications OR provided to USAID operating units, HESN partners, and the broader development community. Target: 40, Actual: 36. 10% under target.

**Gin3:** # of citations of white papers, articles, assessments, analyses, and evaluations (drafted with human, financial, or institutional resources contributed by HESN Developments Labs) on development challenges, innovations, technologies, approaches, and contexts in targeted fora/publications/projects. Target: 50, Actual: 10. 80% below target.

The AidData Center greatly exceeded our FY2014 targets for data-related analyses. When we created our targets for these indicators, we under-estimated the demand for consultation with the AidData Center and did not account for the “wide net” strategy we have taken for facilitating research collaborations between the ARC and USAID operating units. However, despite the extent of the consultation between the ARC and USAID, we did not meet our targets for the production of research in FY2014. This is due to the challenges imposed by the structure of the ARC, which did not incentivize

research activities as effectively as it could have. These challenges and the approach AidData is taking to restructure the ARC is discussed further in Part 7 below.

**IR3.1inI:** Cumulative number of development professionals proficient in data management and use due to human, financial, or institutional resources contributed by HESN Development Labs. Target: 200, Actual 966. 383% over target.

**IR3.2inI:** Cumulative number of stakeholders engaged in problem solving with one HESN Development Lab (disaggregated by partnership type). Target: 100, Actual: 335. 235% over target.

The AidData center exceeded our FY2014 targets for the number of development professionals proficient in data management and use and the number of stakeholders engaged. This is due to an underestimation of the reach that our Aid Management Fellows and AidData Summer Fellows would have in-country, enabling them to build the capacity of and engage with a far greater number of stakeholders than projected.

**Gin5:** Number of development stakeholder institutions that use geographic analysis in their work. Target: 25, Actual: 2. 92% below target.

**Gin6:** # of USAID operating units using geographic analysis to prepare strategies and design, implement, monitor, and evaluate development projects. Target: 8, Actual: 1. 87.5% below target.

**Gin7:** Percentage of development stakeholder institutions and USAID operating units surveyed under Gin5 and Gin6 that respond that they use geospatial data in their work more frequently following engagement with the AidData Center than they did prior to engagement with the AidData Center. Target: 50%, Actual: 13%. 74% below target.

The AidData Center did not meet its targets for Gin5, Gin6, and Gin7 in FY2014. One driving factor is the fact that, when we set the performance targets, we had planned to collect the survey data for these indicators soon after the completion of the geocoding work. However, we soon realized that we needed to allow more time after the completion of the geocoding work before we could accurately collect data uptake. We therefore decided to implement the surveys during the follow-up trip that occurs 6-12 months after the end of the geocoding work. To date, only one follow-up trip has been completed (Nepal), contributing to a low number of stakeholders surveyed and low indicator numbers. Follow-up trips to our other year one partner countries will be completed in Q1 FY2015, increasing the values for these targets. The Nepal follow-up trip did reveal challenges to data uptake among our partners (discussed in Part 7 below), which likely contributed to the low value of Gin7 for the Nepal survey. We will work to overcome these challenges in FY2015, which we anticipate will help us meet our targets for FY2015.

## 7. Lessons Learned / Best Practices

As AidData continues to grow the informational infrastructure of publicly available geocoded aid data, decision makers are beginning to look beyond the intrinsic value of knowing where aid is located to applied analysis of this data to inform more effective allocation, coordination, and evaluation decisions. We have learned that it is important for us to provide clear use cases of the type of policy analysis that collecting high-resolution information on aid enables beyond the creation of maps. Proving the value proposition of high-resolution geocoded data will help to promote data uptake amongst decision makers and therefore improve the sustainability of data collection by fostering high-level demand for geocoded data. Based upon this lesson learned, the AidData Center will invest in the production of tools that better enable in-country and other users to use our data for analytic purposes. We initiated this process in FY2014 through beginning to develop an upgraded AMP GIS module (section 1.1 objective 3) with improved usability, which will be installed in all HESN geocoding countries in FY2015. We will also work to develop geospatial decision support tools based on the specific analytical needs of partner USAID operating units.

Another lesson learned regarding data uptake and policy application identified during the Nepal sustainability assessment is that AidData may have been focusing, to some extent, on the wrong data users. For example, our primary focal points and donor offices were typically finance and administration staff instead of program staff. By focusing our donor trainings on our primary focal points, we were limiting primarily reaching finance and administrative staff, whose primary responsibilities do not typically include program planning, execution or evaluation. This approach did not enable us to reach more promising potential users -- program staff -- limiting data uptake and use in the Nepal donor community. In the same vein, we have not yet reached key users within the government, which would include the planning and M&E sections of aid-receiving government line ministries. Responding to these lessons learned, AidData will broaden the focus of its in-country government and donor capacity building efforts to include donor program staff and government line ministries in its geocoding partner countries.

The August 2014 civil society data uptake sustainability assessment (section 1.1, objective 5), revealed key insights regarding the barriers to and opportunities for sustained data use among the AidData Center's civil society partners. Through 18 key informant interviews, the AidData Center identified high interest in using geocoded aid data but several barriers to uptake of geocoded data including low baseline data literacy, a steep learning curve to learn GIS software to visualize and analyze geocoded aid information, and a disconnect between technologists and civil society. To overcome these barriers, the AidData center began work in Q4 to develop curricula and resources for self-teaching to enable civil society staff to continue to build skills to engage with geospatial data. This work will continue into FY2015 in collaboration with Esri.

While FY2014 saw great success in convening a global network of scholars interested in using geocoded aid information for policy research. The ARC counts among its members 81 scholars from over 50 institutions. However, we learned throughout FY2014 that the administrative and funding structure established for this consortium did not effectively incentivize as many new and additional research activities as it could have. We also learned that a new set of incentives and "rules of engagement" might be needed to effectively facilitate collaborative research activities with USAID. First, committing funds to team leader salaries and spreading the remainder across six teams yielded insufficient funds available to researchers to truly catalyze innovative research. Second, we assumed that there would be more

collaborative research activities with USAID during FY2014. However, it turned out to be more difficult to align the incentives and expectations of the ARC researchers and those of the various USAID bureaus and offices. At times there would be enthusiasm from ARC members to take on a project but this would not always coincide with USAID priorities and objectives. The converse would also occur when there was enthusiasm within USAID to undertake a project but not enough support from the ARC members.

To help align the incentives and expectations of both the ARC members and USAID counterparts, we applied the lessons learned to begin the process of restructuring the ARC at the end of FY2014 to free up more resources for researchers to apply for and then use to conduct their research. By eliminating the team leader positions and consolidating the kick-start funds, a larger pot of financial resources have been made available. During Q1 and Q2 of FY2015, members of the ARC will have the opportunity to apply for Research Awards to carry out their projects and these larger awards will be made on a competitive basis. It is anticipated that awards will be made in the \$50-200k range. In addition to these Research Awards, funding will be made available for projects that are in deep collaboration with USAID through the Strategic Research Response funds.

We also learned that effective communication of the contents of our data products to the ARC (and for the larger research community) is a key element in promoting their effective use. Without clear communication, researchers can incorporate faulty assumptions regarding proper use and coverage of our datasets into their analysis. To help mitigate these issues and promote ease of use, AidData has begun to invest in an effort to standardize our products in terms of field definition and organization. This process, which will continue into FY2015, will also more easily allow the user community to build their own tools across the entire breadth of data products.

As AidData's internal research capacity grows with the expansion of our Research and Evaluation Unit, the demand for skilled research assistants capable of participating in more advanced GIS, data, and research activities has increased in kind. Many of these required hard skills are not taught in current classes at W&M, so AidData is taking steps to ensure that more of our students will be able to acquire these skills. The most significant step in this direction is the development of student "tracks" and corresponding course modules that students can take to be involved with the data and GIS teams. The AidData Center developed several modules in summer 2014, and will continue to develop short course modules to fill skill gaps that may be taught by a combination of AidData staff, advanced students, and online course delivery.

## **8. Future Activities**

As discussed above (part 6) the AidData Center has begun the process of restructuring the ARC to more effectively catalyze innovative research activities involving geocoded aid information and collaboration with USAID operating units. In FY2015, these changes will come into effect through two new funding mechanisms to support ARC research projects through: Research Awards and Strategic Research Response funds. In Q1 FY2015, AidData will launch an official call for applications for research projects that use subnational geocoded development finance data and that are targeted in the following

areas: 1) Development finance allocation or targeting; 2) Development finance impact or effectiveness; 3) Transparency for development initiatives; and 4) Developing and testing spatial methods. These projects will take off during the summer of FY2015.

Members of the ARC will also continue to work with interested USAID Bureaus and Offices on research projects of mutual interest. Work will be ongoing with the Office of Transition Initiatives (OTI) Afghanistan office during FY2015 to create a quasi-experimental design to examine how OTI's programming led to perceptions and actual reductions in violent acts. In addition, work will continue with the Colombia Mission as ARC researchers will undertake an evaluation of a selection of the mission's projects. The AidData Center will also begin making Strategic Research Response awards in FY2015 foster new research collaborations between the ARC and USAID operating units.

Based upon the lessons learned in FY2014 (part 6), AidData will be adopting several new strategies in the coming year to promote the sustainability of our in-country work. In particular, AidData is expanding the Aid Management Fellows program to an 8-month fellowship in country, which will allow the Fellow time to focus not only on data collection but also on data uptake and usage. Additionally, AidData will be upgrading all of its in-country GIS software offerings to reflect feedback from clients on usability.

AidData will also work with in-country partners to co-design tools that leverage high-resolution geocoded information to facilitate evidence-based decision-making. While the identification of in-country partners is ongoing, AidData is also working to prototype several types of tools that may be useful, given past experience working with other government and community actors. If there are opportunities to help AidData identify potential participants in this iterative design process, or if it would be helpful for AidData to provide more insight into the types of prototype tools being built to better arm USAID to engage with missions on our behalf we should engage with those opportunities.

To promote uptake of geocoded data among policymakers in the Government of Nepal, AidData has been in discussions with the GoN around the creation of a Data Impact training course, to involve representatives from Ministry of Finance and other Nepal Government Ministries. The training would focus on how government officials can leverage open data, with an emphasis on geospatial data, in their decision-making processes. Initial activities have focused on identifying motivated and well-positioned government officials as well as possible decision points that would be appropriate starting points for training activities. This activity will kick off in Q1/Q2 FY15.

During the coming fiscal year, AidData will work closely with HESN staff and USAID mission staff to identify up to two HESN-funded geocoding partner countries for FY2015 and begin work in these countries. Given that it can take some time before a USAID mission will agree to begin activities, we have begun to create a "queue" of countries that are interested. If there are cases where too many countries are interested for the remaining budget, AidData and HESN staff will work together to ensure that priorities are met and that missions are given the opportunity to buy-in.

The AidData Center will begin implementation on the impact evaluation and innovation collaborations with the USAID/Colombia Mission discussed in section 4.2. In coordination with the USAID Global

Development Lab, AidData will perform a full needs assessment for the Colombia USAID Mission for a GIS platform to be integrated with its Management Information System (MONITOR). This assessment will take place during Q1 FY15 and will be followed by the creation of an implementation plan that is mutually agreeable to AidData and USAID/Colombia. The AidData Innovation Team will work in close partnership with USAID/Colombia on the implementation and integration of the platform in MONITOR and will complete the work for this SRI in Q3 FY15. AidData expects to implement 1-2 other SRIs in FY2015 in collaboration with USAID operating units. Work on the Uganda Crosswalk innovation pilot (section 1.1 objective 3) will continue in FY2015 as one of up to three total pilots.

During Q4 of FY2014, AidData created a Research and Evaluation Unit (REU) tasked with the mandate to undertake rigorous empirical inquiry related to when and how aid and development data and related products and services lead to better decision-making and development outcomes. As part of this Transparency for Development (T4D) Research, the REU will conduct experiments during FY2015 to understand how open development finance data and the display of that data allows development policymakers to make better allocation decisions.

One T4D research project will be conducted by students and faculty at UT-Austin. Through the UT-Austin Policy Research Project AidData has planned fieldwork in Nepal (December 2014, March 2015), Uganda (March 2015), East Timor (March 2015) and possibly Honduras (March 2015, travel authorization pending given security concerns) to conduct research on use/usefulness of open aid information within donor mission offices. The UT-Austin PIs will coordinate closely with USAID HESN staff to facilitate introductions with the relevant USAID mission offices.

During FY2015, the AidData Center will provide opportunities for AidData students to build critical skills through coursework at W&M. Students may earn course credit through a variety of courses designed and taught by staff at the AidData Center. In addition, staff at the AidData Center will begin the process of exploring the possibility of creating a comprehensive, interdisciplinary data science curriculum at W&M. AidData will also continue to provide opportunities for students to engage in research and policy activities. One example is the assistance of students with internship placement in organizations that may include, but are not limited to, the Senate Foreign Relations Committee, USAID, and Save the Children. Students will also be able to participate in our annual "field day" in Washington, DC, where students engage with a variety of organizations involved in international development and policymaking. Students at the AidData Center will also continue to play a role in supporting leaders and partners in developing countries, through AidData's involvement with President Obama's Young African Leaders Initiative (YALI) at WM in summer 2015.

# APPENDIX

## APPENDIX I. HESN Monitoring & Evaluation (M&E) Indicators - FY 14

Code	M&E Code Description	Target Value	Reached Value	%
HESN_0in01	\$ Total dollar value of outside (non-USAID) resources utilized	4,928,075	4,889,007	99.2%
HESN_0in02	# transformative innovations, technologies, or approaches that were developed with human, financial, or institutional resources contributed by HESN Development Labs	2	1	50.0%
HESN_0in03	# transformative innovations, technologies, or approaches that were initially piloted with human, financial, or institutional resources contributed by HESN Development Labs		2	---
HESN_0in06	# transformative innovations, technologies, or approaches evaluated with human, financial, or institutional resources contributed by HESN Development Labs		2	---
HESN_0in07_ Masters_F	# US Female MASTERS students serving as fellows		4	---
HESN_0in07_ Masters_M	# US Male MASTERS students serving as fellows		3	---
HESN_0in07_ Other_F	# US Female students (other or unknown degree program) serving as fellows		0	---
HESN_0in07_ Other_M	# US Male students (other or unknown degree program) serving as fellows		0	---
HESN_0in07_ PhD_F	# US Female PhD students serving as fellows		0	---
HESN_0in07_ PhD_M	# US Male PhD students serving as fellows		1	---
HESN_0in07_ Undergrad_F	# US Female UNDERGRADUATE students serving as fellows		5	---
HESN_0in07_ Undergrad_M	# US Male UNDERGRADUATE students serving as fellows		7	---

<b>Code</b>	<b>M&amp;E Code Description</b>	<b>Target Value</b>	<b>Reached Value</b>	<b>%</b>
HESN_0in08	# innovations, technologies or approaches in the innovation pipeline	5	7	140%
HESN_0in09	# innovations, technologies or approaches that completed at least one of the five stages in the innovation pipeline	5	7	140%
HESN_0in10	# beneficiaries reached		0	---
HESN_1.0in2	# data sets provided to or made accessible to USAID operating units and programs, HESN partners, and the broader development community with human, financial, or institutional resources contributed by HESN Development Labs	10	5	50.0%
HESN_1.0in3	# data-related analyses, mapping activities, and expert consultations provided for USAID operating units and programs, HESN partners, and the broader development community with human, financial, or institutional resources contributed by HESN Development Labs	20	72	360.0%
HESN_1.1in1_NPR	# citations in targeted non-peer reviewed fora/publications/projects of data collected or made available through human, financial, or institutional resources contributed by HESN Development Labs		0	---
HESN_1.1in1_PD	# citations in targeted project documents of data collected or made available through human, financial, or institutional resources contributed by HESN Development Labs		0	---
HESN_1.1in1_PR	# citations in targeted peer-reviewed fora/publications/projects of data collected or made available through human, financial, or institutional resources contributed by HESN Development Labs		0	---
HESN_1.2in1	# users who access data and tools made available with support from human, financial, or institutional resources contributed by HESN Development Labs	140,000	135,213	96.6%
HESN_1.2zAD C-in1	Users of AidData.org are able to share, collate, visualize, and analyze heterogeneously-sourced and generated data (Y/N)		1	---
HESN_1.2zAD C-in2	Users of AidData.org able to generate and export customized maps of geocoded aid information		1	---
HESN_1.2zAD C-in3	Individual AidData project pages include maps which show AidData geocoded data		1	---

<b>Code</b>	<b>M&amp;E Code Description</b>	<b>Target Value</b>	<b>Reached Value</b>	<b>%</b>
HESN_1.3in1	# USAID operating units using geographic analysis to prepare strategies and design, implement, monitor, and evaluate development projects	6	2	33.3%
HESN_1.3in2	# development professionals proficient in data management and use due to human, financial, or institutional resources contributed by HESN Development Labs	200	322	161.0%
HESN_1.3zAD C-in1	# development stakeholder institutions that use geographic analysis in their work		2	---
HESN_1.3zAD C-in2deno	# development stakeholder institutions and USAID operating units surveyed under Gin5 and Gin6 that respond that they use geospatial data in their work more frequently following engagement with the AidData Center than they did prior to engagement with the AidData Center (denominator)		8	---
HESN_1.3zAD C-in2nume	# development stakeholder institutions and USAID operating units surveyed under Gin5 and Gin6 that respond that they use geospatial data in their work more frequently following engagement with the AidData Center than they did prior to engagement with the AidData Center (numerator)		1	---
HESN_1.3zAD C-in3_deno	# development professionals and local partners surveyed		165	---
HESN_1.3zAD C-in3_num	# development professionals and local partners surveyed who respond that the AidData Center training enabled them to effectively use geocoded data to enhance their work		131	---
HESN_1.3zAD C-in4	# developing-country governments and USAID Missions using the AidData Center's geocoding services		9	---
HESN_1.3zAD C-in5	# data-related analyses, mapping activities, and expert consultations provided by the AidData Research Consortium for USAID operating units and programs		27	---
HESN_1.3zAD C-in6	# 'kick-start funding' applications from ARC members that receive funding from the AidData Center		19	---
HESN_1.3zAD C-in7	# trained USAID development professionals using geographic information, data analytics, research, or long-term futures analysis to develop strategies, projects, or evaluations		2	---
HESN_1.3zAD C-in8	# public references made to the AidData geocoding methodology or geocoded aid information by development policymakers or practioners		53	---

<b>Code</b>	<b>M&amp;E Code Description</b>	<b>Target Value</b>	<b>Reached Value</b>	<b>%</b>
HESN_2.2in1	# white papers, articles, assessments, analyses, and evaluations on development challenges, innovations, technologies, approaches, and contexts (drafted with human, financial, or institutional resources contributed by HESN Developments Labs) published in targeted fora and publications OR provided to USAID operating units, HESN partners, and the broader development community	80	26	32.5%
HESN_2.2in2_NPR	# citations in targeted non-peer reviewed fora/publications of white papers, articles, assessments, analyses, and evaluations (drafted with human, financial, or institutional resources contributed by HESN Developments Labs) on development challenges, innovations, technologies, approaches, and contexts			---
HESN_2.2in2_PD	# citations in targeted peer-reviewed project documents of white papers, articles, assessments, analyses, and evaluations (drafted with human, financial, or institutional resources contributed by HESN Developments Labs) on development challenges, innovations, technologies, approaches, and contexts			---
HESN_2.2in2_PR	# citations in peer-reviewed fora/publications of white papers, articles, assessments, analyses, and evaluations (drafted with human, financial, or institutional resources contributed by HESN Developments Labs) on development challenges, innovations, technologies, approaches, and contexts			---
HESN_2.2zAD C-in1	# grant proposals and contract bids from ARC participants that involve analysis of geocoded aid information that receive funding from outside the AidData Center		2	---
HESN_2.3in1	# MOUs or other agreements signed with public sector, private sector, local community partners, and one HESN Development Lab	25	24	96%
HESN_2.3in2	# stakeholders engaged in problem solving with one HESN Development Lab	100	115	115.0%
HESN_3.0in3	# new development related classes or disciplines created by university departments with human, financial, or institutional resources contributed by HESN Development Labs	10	13	130%
HESN_3.2in1	# visitors to Network knowledge-sharing platforms	140,000	135,213	96.6%
HESN_3.3in1	# classes supported by HESN Development Labs with human, financial, or institutional resources contributed by HESN Development Labs	15	16	106.7%
HESN_3.4in3	# participants in Hubs, summits, and other problem-solving institutions created with human, financial, or institutional resources contributed by HESN Development Labs	60	81	135.0%

Code	M&E Code Description	Target Value	Reached Value	%
HESN_3.4in4	# participants in crowd-sourcing or other open challenges created with human, financial, or institutional resources contributed by HESN Development Labs	0	59	---
HESN_3.4zAD C-in1	# Aid Management Fellows who have been embedded in aid management institutions during the agreement with USAID support		7	---

## APPENDIX II.A. Innovations: Technologies and Approaches - FY 2014

Output Type	Name of Output	Description/Abstract	Country	Phase	# Bene.	Phase Compl.?	Evaluation Cond.?
Technology	India NGO Crowdsourcing tool	Building on the User Contributed features, this innovation pilot will support an ARC research project to contact 53,000 NGOs in India to provide feedback on AidData geocoded projects in India (World Bank)	India	Stage 2: Initial Piloting	0	Yes	No
Technology	AMP GIS Module	Re-engineered portions of the Aid Management Platform (including cost share from EU). Focus areas are GIS, API, Dashboards, Reports, and Public Portal.	Nepal	Stage 4: Transition to Scale	0	Yes	Yes
Technology	AMP GIS Module	Re-engineered portions of the Aid Management Platform (including cost share from EU). Focus areas are GIS, API, Dashboards, Reports, and Public Portal.	Uganda	Stage 4: Transition to Scale	0	Yes	Yes
Technology	AMP GIS Module	Re-engineered portions of the Aid Management Platform (including cost share from EU). Focus areas are GIS, API, Dashboards, Reports, and Public Portal.	Senegal	Stage 4: Transition to Scale	0	Yes	Yes
Technology	AMP GIS Module	Re-engineered portions of the Aid Management Platform (including cost share from EU). Focus areas are GIS, API, Dashboards, Reports, and Public Portal.	Timor-Leste	Stage 4: Transition to Scale	0	Yes	Yes
Technology	AMP GIS Module	Re-engineered portions of the Aid Management Platform (including cost share from EU). Focus areas are GIS, API, Dashboards, Reports, and Public Portal.	Haiti	Stage 4: Transition to Scale	0	Yes	Yes
Technology	AMP GIS Module	Re-engineered portions of the Aid Management Platform (including cost share from EU). Focus areas are GIS, API, Dashboards, Reports, and Public Portal.	Honduras	Stage 4: Transition to Scale	0	Yes	Yes
Technology	AMP GIS Module	Re-engineered portions of the Aid Management Platform (including cost share from EU). Focus areas are GIS, API, Dashboards, Reports, and Public Portal.	Dem. Rep. Congo	Stage 4: Transition to Scale	0	Yes	Yes

Output Type	Name of Output	Description/Abstract	Country	Phase	# Bene.	Phase Compl.?	Evaluation Cond.?
Technology	Project pulse	Crowdsourcing tool within AidData.org portal, enabling users to upload documents, photos, videos, comments, etc. to project pages, location sites, or the broader aiddata.org portal.		Stage 2: Initial Piloting	0	Yes	Yes
Technology	AidData 3.0	Launch of re-architected AidData.org portal, including interactive GIS module, API, and dashboards		Stage 4: Transition to Scale	0	Yes	No
Technology	Data Publisher Continuous Integration Tool	AidData has produced a new toolset which builds data products using code and validation scripts to automate the build process, including README generation.		Stage 1: Development	0	Yes	No
Approach	AidData Geocoding Methodology	The AidData geocoding methodology provides a standardized methodology for spatially tagging the locations of aid projects. This methodology is used by AidData under the HESN award to geocode the aid management systems of our partner countries.	Nepal	Stage 4: Transition to Scale	0	Yes	No
Approach	AidData Geocoding Methodology	The AidData geocoding methodology provides a standardized methodology for spatially tagging the locations of aid projects. This methodology is used by AidData under the HESN award to geocode the aid management systems of our partner countries.	Uganda	Stage 4: Transition to Scale	0	Yes	No
Approach	AidData Geocoding Methodology	The AidData geocoding methodology provides a standardized methodology for spatially tagging the locations of aid projects. This methodology is used by AidData under the HESN award to geocode the aid management systems of our partner countries.	Senegal	Stage 4: Transition to Scale	0	Yes	No
Approach	AidData Geocoding Methodology	The AidData geocoding methodology provides a standardized methodology for spatially tagging the locations of aid projects. This methodology is used by AidData under the HESN award to geocode the aid management systems of our partner countries.	Timor-Leste	Stage 4: Transition to Scale	0	Yes	No

Output Type	Name of Output	Description/Abstract	Country	Phase	# Bene.	Phase Compl.?	Evaluation Cond.?
Approach	AidData Geocoding Methodology	The AidData geocoding methodology provides a standardized methodology for spatially tagging the locations of aid projects. This methodology is used by AidData under the HESN award to geocode the aid management systems of our partner countries.	Haiti	Stage 4: Transition to Scale	0	Yes	No
Approach	AidData Geocoding Methodology	The AidData geocoding methodology provides a standardized methodology for spatially tagging the locations of aid projects. This methodology is used by AidData under the HESN award to geocode the aid management systems of our partner countries.	Honduras	Stage 4: Transition to Scale	0	Yes	No
Approach	AidData Geocoding Methodology	The AidData geocoding methodology provides a standardized methodology for spatially tagging the locations of aid projects. This methodology is used by AidData under the HESN award to geocode the aid management systems of our partner countries.	Dem. Rep. Congo	Stage 4: Transition to Scale	0	Yes	No
Approach	Spatial Impact Evaluation	Spatial Impact Evaluations merge geocoded aid intervention information with cutting-edge, remotely sensed data and geo-referenced survey data on development outcomes to evaluate the impact of aid interventions using experimental and quasi-experimental methods. Quasi-experimental spatial impact evaluations use matching and discontinuity-based designs to allow us to produce credible causal evidence on aid impacts.		Stage 2: Initial Piloting	0	Yes	No
Technology	India NGO Crowdsourcing tool	Building on the User Contributed features, this innovation pilot will support an ARC research project to contact 53,000 NGOs in India to provide feedback on AidData geocoded projects in India (World Bank)	India	Stage 2: Initial Piloting	0	Yes	No
Technology	AMP GIS Module	Re-engineered portions of the Aid Management Platform (including cost share from EU). Focus areas are GIS, API, Dashboards, Reports, and Public Portal.	Nepal	Stage 4: Transition to Scale	0	Yes	Yes
Technology	AMP GIS Module	Re-engineered portions of the Aid Management Platform (including cost share from EU). Focus areas are GIS, API, Dashboards, Reports, and Public Portal.	Uganda	Stage 4: Transition to Scale	0	Yes	Yes

Output Type	Name of Output	Description/Abstract	Country	Phase	# Bene.	Phase Compl.?	Evaluation Cond.?
Technology	AMP GIS Module	Re-engineered portions of the Aid Management Platform (including cost share from EU). Focus areas are GIS, API, Dashboards, Reports, and Public Portal.	Senegal	Stage 4: Transition to Scale	0	Yes	Yes
Technology	AMP GIS Module	Re-engineered portions of the Aid Management Platform (including cost share from EU). Focus areas are GIS, API, Dashboards, Reports, and Public Portal.	Timor-Leste	Stage 4: Transition to Scale	0	Yes	Yes
Technology	AMP GIS Module	Re-engineered portions of the Aid Management Platform (including cost share from EU). Focus areas are GIS, API, Dashboards, Reports, and Public Portal.	Haiti	Stage 4: Transition to Scale	0	Yes	Yes
Technology	AMP GIS Module	Re-engineered portions of the Aid Management Platform (including cost share from EU). Focus areas are GIS, API, Dashboards, Reports, and Public Portal.	Honduras	Stage 4: Transition to Scale	0	Yes	Yes
Technology	AMP GIS Module	Re-engineered portions of the Aid Management Platform (including cost share from EU). Focus areas are GIS, API, Dashboards, Reports, and Public Portal.	Dem. Rep. Congo	Stage 4: Transition to Scale	0	Yes	Yes
Technology	Project pulse	Crowdsourcing tool within AidData.org portal, enabling users to upload documents, photos, videos, comments, etc. to project pages, location sites, or the broader aiddata.org portal.		Stage 2: Initial Piloting	0	Yes	Yes
Technology	AidData 3.0	Launch of re-architected AidData.org portal, including interactive GIS module, API, and dashboards		Stage 4: Transition to Scale	0	Yes	No
Technology	Data Publisher Continuous Integration Tool	AidData has produced a new toolset which builds data products using code and validation scripts to automate the build process, including README generation.		Stage 1: Development	0	Yes	No

Output Type	Name of Output	Description/Abstract	Country	Phase	# Bene.	Phase Compl.?	Evaluation Cond.?
Approach	AidData Geocoding Methodology	The AidData geocoding methodology provides a standardized methodology for spatially tagging the locations of aid projects. This methodology is used by AidData under the HESN award to geocode the aid management systems of our partner countries.	Nepal	Stage 4: Transition to Scale	0	Yes	No
Approach	AidData Geocoding Methodology	The AidData geocoding methodology provides a standardized methodology for spatially tagging the locations of aid projects. This methodology is used by AidData under the HESN award to geocode the aid management systems of our partner countries.	Uganda	Stage 4: Transition to Scale	0	Yes	No
Approach	AidData Geocoding Methodology	The AidData geocoding methodology provides a standardized methodology for spatially tagging the locations of aid projects. This methodology is used by AidData under the HESN award to geocode the aid management systems of our partner countries.	Senegal	Stage 4: Transition to Scale	0	Yes	No
Approach	AidData Geocoding Methodology	The AidData geocoding methodology provides a standardized methodology for spatially tagging the locations of aid projects. This methodology is used by AidData under the HESN award to geocode the aid management systems of our partner countries.	Timor-Leste	Stage 4: Transition to Scale	0	Yes	No
Approach	AidData Geocoding Methodology	The AidData geocoding methodology provides a standardized methodology for spatially tagging the locations of aid projects. This methodology is used by AidData under the HESN award to geocode the aid management systems of our partner countries.	Haiti	Stage 4: Transition to Scale	0	Yes	No
Approach	AidData Geocoding Methodology	The AidData geocoding methodology provides a standardized methodology for spatially tagging the locations of aid projects. This methodology is used by AidData under the HESN award to geocode the aid management systems of our partner countries.	Honduras	Stage 4: Transition to Scale	0	Yes	No
Approach	AidData Geocoding Methodology	The AidData geocoding methodology provides a standardized methodology for spatially tagging the locations of aid projects. This methodology is used by AidData under the HESN award to geocode the aid management systems of our partner countries.	Dem. Rep. Congo	Stage 4: Transition to Scale	0	Yes	No

Output Type	Name of Output	Description/Abstract	Country	Phase	# Bene.	Phase Compl.?	Evaluation Cond.?
Approach	Spatial Impact Evaluation	Spatial Impact Evaluations merge geocoded aid intervention information with cutting-edge, remotely sensed data and georeferenced survey data on development outcomes to evaluate the impact of aid interventions using experimental and quasi-experimental methods. Quasi-experimental spatial impact evaluations use matching and discontinuity-based designs to allow us to produce credible causal evidence on aid impacts.		Stage 2: Initial Piloting	0	Yes	No

# APPENDIX II.B. Evaluations - FY 2014

Output Type	Name of Output	Description/Abstract	Country	Status
----- No Entries -----				

## APPENDIX II.C. Data-Related Approaches, Tools, Best Practices - FY 2014

Output Type	Name of Output	Description/Abstract	Country	Status
Data-Related Technology	Re-Engineered Aid Management Platform	Re-engineered portions of the Aid Management Platform (including cost share from EU). Focus areas are GIS, API, Dashboards, Reports, and Public Portal.		Ongoing
Data-Related Technology	MONITOR GIS Portal	Strategic Response Innovation to develop an interactive GIS portal, integrated with USAID/Colombia's Management Information System (MONITOR)		Ongoing
Data-Related Technology	AidData Internal data management system	Internal tools for data import, management, and coding of all AidData data sources and types.		Ongoing
Data-Related Technology	Project pulse	Crowdsourcing tool within AidData.org portal, enabling users to upload documents, photos, videos, comments, etc. to project pages, location sites, or the broader aiddata.org portal.		Complete
Data-Related Technology	Development Experience Clearinghouse text extraction and dashboard	Extraction of text from 100,000+ PDFs hosted on Development Experience Clearinghouse and use of extracted text in interactive dashboard (and upcoming USAID hackathon)		Complete
Data-Related Technology	AidData 3.0	Launch of re-architected AidData.org portal, including interactive GIS module and dashboards		Complete
Data-Related Approach	AMP-DevTrac Linkage	Data exchange/linking between AMP Uganda (UAMP) and UNICEF Uganda's DevTrac system (used by USAID/Uganda). Linking data on results (project site visits) and investment.		Ongoing
Data-Related Technology	Data Publisher Continuous Integration Tool	AidData has produced a new toolset which builds data products using code and validation scripts to automate the build process, including README generation.		Ongoing

Output Type	Name of Output	Description/Abstract	Country	Status
Data-Related Technology	Re-Engineered Aid Management Platform	Re-engineered portions of the Aid Management Platform (including cost share from EU). Focus areas are GIS, API, Dashboards, Reports, and Public Portal.		Ongoing
Data-Related Technology	MONITOR GIS Portal	Strategic Response Innovation to develop an interactive GIS portal, integrated with USAID/Colombia's Management Information System (MONITOR)		Ongoing
Data-Related Technology	AidData Internal data management system	Internal tools for data import, management, and coding of all AidData data sources and types.		Ongoing
Data-Related Technology	Project pulse	Crowdsourcing tool within AidData.org portal, enabling users to upload documents, photos, videos, comments, etc. to project pages, location sites, or the broader aiddata.org portal.		Complete
Data-Related Technology	Development Experience Clearinghouse text extraction and dashboard	Extraction of text from 100,000+ PDFs hosted on Development Experience Clearinghouse and use of extracted text in interactive dashboard (and upcoming USAID hackathon)		Complete
Data-Related Technology	AidData 3.0	Launch of re-architected AidData.org portal, including interactive GIS module and dashboards		Complete
Data-Related Approach	AMP-DevTrac Linkage	Data exchange/linking between AMP Uganda (UAMP) and UNICEF Uganda's DevTrac system (used by USAID/Uganda). Linking data on results (project site visits) and investment.		Ongoing
Data-Related Technology	Data Publisher Continuous Integration Tool	AidData has produced a new toolset which builds data products using code and validation scripts to automate the build process, including README generation.		Ongoing
Data-Related Technology	Re-Engineered Aid Management Platform	Re-engineered portions of the Aid Management Platform (including cost share from EU). Focus areas are GIS, API, Dashboards, Reports, and Public Portal.		Ongoing

<b>Output Type</b>	<b>Name of Output</b>	<b>Description/Abstract</b>	<b>Country</b>	<b>Status</b>
Data-Related Technology	MONITOR GIS Portal	Strategic Response Innovation to develop an interactive GIS portal, integrated with USAID/Colombia's Management Information System (MONITOR)		Ongoing
Data-Related Technology	AidData Internal data management system	Internal tools for data import, management, and coding of all AidData data sources and types.		Ongoing
Data-Related Technology	Project pulse	Crowdsourcing tool within AidData.org portal, enabling users to upload documents, photos, videos, comments, etc. to project pages, location sites, or the broader aiddata.org portal.		Complete
Data-Related Technology	Development Experience Clearinghouse text extraction and dashboard	Extraction of text from 100,000+ PDFs hosted on Development Experience Clearinghouse and use of extracted text in interactive dashboard (and upcoming USAID hackathon)		Complete
Data-Related Technology	AidData 3.0	Launch of re-architected AidData.org portal, including interactive GIS module and dashboards		Complete
Data-Related Approach	AMP-DevTrac Linkage	Data exchange/linking between AMP Uganda (UAMP) and UNICEF Uganda's DevTrac system (used by USAID/Uganda). Linking data on results (project site visits) and investment.		Ongoing
Data-Related Technology	Data Publisher Continuous Integration Tool	AidData has produced a new toolset which builds data products using code and validation scripts to automate the build process, including README generation.		Ongoing

## APPENDIX II.D. Publications or Reports - FY 2014

Name	Description	Country	Status
<a href="#">Consensus Voting and Similarity Measures in IOs</a>			Complete
<a href="#">Did cutting access to mineral wealth reduce violence in the DRC?</a>		Costa Rica	Complete
<a href="#">Five things you probably didn't know about African politics today</a>			Complete
<a href="#">From the Great Lakes to the Great Rift Valley: Does Strategic Economic Policy Explain the 2009 Malawi Election?</a>	In this paper we examine if in the 2009 Malawian parliamentary elections the newly-formed national party, the Democratic Progressive Party (DPP), led by the President Binguwa Mutharika used its incumbent position to promote an economic policy based on food security in order to overcome traditional ethno-regional voting patterns and win a nationwide electoral majority. After presenting a formal model of an optimal allocation of an economic resource to overcome ethnic bias and induce vote-switching, we use district-level data in a system of equations to analyze if strategic allocation within the national fertilizer subsidy program contributed to the nation-wide electoral victory of the DPP.		Complete
<a href="#">Limits of Informal Governance? The Scope of Conditionality in the World Bank</a>			Complete
Local level climate justice? Adaptation finance and vulnerability reduction	This article investigates the ground-level effectiveness of adaptation finance in climate vulnerable villages across Malawi, while controlling for disparities in vulnerability. Malawi and selected districts are both climate vulnerable and significant recipients of adaptation finance. This concludes a larger top-down multi-scalar analysis of climate justice, which applies the distribution and effectiveness of adaptation finance as a proxy. The study avails of participatory assessments to compare actions of villages receiving adaptation finance with those engaging in autonomous and informal adaptations.		Complete

Name	Description	Country	Status
Malawi's Open Aid Map	This publication introduces the geocoding methodology as applied to Malawi.		Complete
<a href="#">More Power than You Think? Constituencies and Decision-Making Influences over Agency Output in EuropeAid</a>			Complete
Needs-based targeting or favoritism? The regional allocation of multilateral aid within recipient countries	The regional allocation of aid within recipient countries has been largely ignored in the aid allocation literature. We use geocoded data on the location of aid projects financed by the World Bank and the African Development Bank within a sample of 27 recipient countries to assess the claim of donors that their aid targets needy population segments. We also assess whether political leaders in these countries direct aid funds to their home region, irrespective of regional needs.		Complete
Peace and Conflict 2014;  Specifically chapter 7: The Political Geography of Climate Vulnerability, Conflict, and Aid in Africa	This book chapter contains a map overlaying development projects on climate security vulnerability (using CCAPS).		Complete
<a href="#">Perceptions Matter: The Effect of Foreign Aid on Democracy Depends on Incentives</a>			Complete
<a href="#">Subnational Climate Justice? Adaptation Finance Distribution and Climate Vulnerability</a>	This article investigates subnational adaptation finance distribution within Malawi. Malawi is highly climate vulnerable and a significant per-capita recipient of adaptation finance. This empirical study models distribution dynamics through “need” (climate vulnerability) and “government interest” (patronage). Results indicate those areas most in need receive relatively little finance. Rather, donor utility and the ability to absorb capital offer the most persuasive explanations for distribution across the state. These findings suggest that the distribution of adaptation funds do not support the larger goal of climate justice.		Complete

Name	Description	Country	Status
<a href="#">The Unipolar Fallacy: Common Agency, American Interests, and the International Financial Institutions</a>			Complete
<a href="#">Tracking Development via Effective Aid Management</a>			Complete
<a href="#">Vulnerability Modeling for Sub-Saharan Africa: An Operationalized Approach in Malawi</a>	<p>This study addresses the need for a policy-relevant climatic vulnerability model in sub-Saharan Africa, where data is typically poor and people are exposed to a wide range of environmental and socioeconomic stressors that are unique to the region. This research applies a multi-scale, multi-indicator methodology that allows policy-makers and experts flexibility to contextualize causal factors in the modeling process through selection of evidence-based variables of vulnerability. This process is easily scaled to stakeholders needs, whether at a state, district or local level.</p>		Complete

## APPENDIX II.E. Hubs - FY 2014

Name	Description	Country	Status
----- No Entries -----			

## APPENDIX II.F. Knowledge Sharing/Collaborative Platforms - FY 2014

Name	Description	Country	Status
----- No Entries -----			

## APPENDIX II.G. Major Events - FY 2014

Name	Description	Country	Status
ARC Convening	AidData Research Consortium first annual meeting/conference.	United States	Complete
Open Data Working Group	The AidData Center and the Kathmandu University School of Arts co-hosted an open data working group in Nepal.	Nepal	Complete
WM Active Citizens Conference	On-campus conference promoting active citizenship and community engagement. AidData rep participated in lunch keynote and AidData staff presented a workshop breakout session.	United States	Complete
ARC Convening	AidData Research Consortium first annual meeting/conference.	United States	Complete
Open Data Working Group	The AidData Center and the Kathmandu University School of Arts co-hosted an open data working group in Nepal.	Nepal	Complete
WM Active Citizens Conference	On-campus conference promoting active citizenship and community engagement. AidData rep participated in lunch keynote and AidData staff presented a workshop breakout session.	United States	Complete
ARC Convening	AidData Research Consortium first annual meeting/conference.	United States	Complete
Open Data Working Group	The AidData Center and the Kathmandu University School of Arts co-hosted an open data working group in Nepal.	Nepal	Complete
WM Active Citizens Conference	On-campus conference promoting active citizenship and community engagement. AidData rep participated in lunch keynote and AidData staff presented a workshop breakout session.	United States	Complete

## APPENDIX II.H. Workshops/Trainings/Capacity Building - FY 2014

Name	Description	Country	Status
DHS Workshop	AidData Center GIS Analyst and ARC member Carrie Dolan visited DHS to learn about the USAID-funded spatial data repository and lead an ArcGIS training that showed people how to use this repository and geocoded data to leverage both sources of spatial data	United States	Complete
R Training	AidData students and staff participated in a day-long R training that was co-sponsored by ARC member and W&M professor Tanujit Dey	United States	Complete
DHS Workshop	AidData Center GIS Analyst and ARC member Carrie Dolan visited DHS to learn about the USAID-funded spatial data repository and lead an ArcGIS training that showed people how to use this repository and geocoded data to leverage both sources of spatial data	United States	Complete
R Training	AidData students and staff participated in a day-long R training that was co-sponsored by ARC member and W&M professor Tanujit Dey	United States	Complete
DHS Workshop	AidData Center GIS Analyst and ARC member Carrie Dolan visited DHS to learn about the USAID-funded spatial data repository and lead an ArcGIS training that showed people how to use this repository and geocoded data to leverage both sources of spatial data	United States	Complete
R Training	AidData students and staff participated in a day-long R training that was co-sponsored by ARC member and W&M professor Tanujit Dey	United States	Complete

## APPENDIX II.I. Other Outputs - FY 2014

Name	Description	Country	Status
Map Off Competition	AidData students participate in map off challenge, receiving training on GIS technologies and exploring a research question and visualizing that on a map of their own creation.	United States	Ongoing
Technology in Governance Panel	AidData co-Executive Director Nancy Choi presented on the AidData Center's work at a Technology in Governance Panel at Georgetown University	United States	Complete
SciDev: Making it Count	AidData Co-ED Brad Parks presented at conference in London exploring the challenges behind the data revolution.	United States	Complete
TribeHacks	Student-organized 24-hour hackathon on the W&M campus. AidData sponsored two challenges: one on automated coding and another on geospatial data visualization.	United States	Complete
Nepal Dataset (alpha)	Internal release of the Nepal dataset. The dataset is undergoing final QA prior to public release in Q3	Nepal	
Uganda Dataset (beta)	External beta release of the Uganda dataset. The data will be re-released shortly with additional data and fields, and then incorporated into the GIS model of AidData 3.0	Uganda	
Senegal (alpha)	Internal release of the Senegal dataset for QA. The dataset will be public as soon as QA is completed.	Senegal	
Timor-Leste AMP	The Government of Timor-Leste released the geocoded aid data via their public aid portal at <a href="https://www.aidtransparency.gov.tl/">https://www.aidtransparency.gov.tl/</a> . The data will subsequently go through the AidData QA process and will then be released on <a href="http://aiddata.org">aiddata.org</a> .	Timor-Leste	
Haiti AMP	The Government of Haiti released the geocoded aid data via their public aid portal at <a href="http://haiti.ampsite.net/">http://haiti.ampsite.net/</a> . The data will subsequently go through the AidData QA process and will then be released on <a href="http://aiddata.org">aiddata.org</a> .	Haiti	
Uganda AMP 1.0 Research Release	This is the public release (1.0) of the Uganda AMP geocoded dataset. The dataset was provided as a static download on the AidData portal.		Complete
Nepal AMP 1.0 Research Release	This is the public release (1.0) of the Nepal AMP geocoded dataset. The dataset was provided as a static download on the AidData portal. There were 6 point releases before the final public version (0.1-0.6).		Complete
Nepal AMP 1.0 IATI Research Release	AidData published the first Nepal research release to the IATI registry, the first such AMP dataset to be published to the registry.		Complete

Name	Description	Country	Status
Senegal AMP 1.0 Research Release	AidData completed it's third research release of AMP data using the Senegal AMP in October. This was the first AMP release to be built using automated publishing tools.		Complete
Uganda AMP AidData Portal	This is the publication of the Uganda AMP data to the AidData 3.0 Portal		Complete
Honduras AMP 1.0 Research Release	AidData has begun Quality assurance and post processing of the Honduras AMP for public publication. Expected publication is 1Q 2015		Ongoing
Timor-Leste AMP 1.0 Research Release	AidData has begun Quality assurance and post processing of the Timor-Leste AMP for public publication. Expected publication is 1Q 2015		Ongoing
DRC AMP 1.0 Research Release	AidData has begun Quality assurance and post processing of the DRC AMP for public publication. Expected publication is 1Q 2015		Ongoing
Haiti AMP 1.0 Research Release	AidData has begun Quality assurance and post processing of the Haiti AMP for public publication. Expected publication is 2Q 2015		Ongoing
World Bank IBRD IDA Geocoded Dataset	AidData has begun Quality assurance and post processing of the World Bank Geocoded Dataset for public publication. Expected publication is 4Q 2014		Ongoing
AidData 3.0 Core Research Release(s)	After the import of the OECD 2012 data, AidData has begun to assemble the latest static research release for researchers, using all core database holdings.		Ongoing
Map Off Competition	AidData students participate in map off challenge, receiving training on GIS technologies and exploring a research question and visualizing that on a map of their own creation.	United States	Ongoing
Technology in Governance Panel	AidData co-Executive Director Nancy Choi presented on the AidData Center's work at a Technology in Governance Panel at Georgetown University	United States	Complete
SciDev: Making it Count	AidData Co-ED Brad Parks presented at conference in London exploring the challenges behind the data revolution.	United States	Complete
TribeHacks	Student-organized 24-hour hackathon on the W&M campus. AidData sponsored two challenges: one on automated coding and another on geospatial data visualization.	United States	Complete
Nepal Dataset (alpha)	Internal release of the Nepal dataset. The dataset is undergoing final QA prior to public release in Q3	Nepal	

Name	Description	Country	Status
Uganda Dataset (beta)	External beta release of the Uganda dataset. The data will be re-released shortly with additional data and fields, and then incorporated into the GIS model of AidData 3.0	Uganda	
Senegal (alpha)	Internal release of the Senegal dataset for QA. The dataset will be public as soon as QA is completed.	Senegal	
Timor-Leste AMP	The Government of Timor-Leste released the geocoded aid data via their public aid portal at <a href="https://www.aidtransparency.gov.tl/">https://www.aidtransparency.gov.tl/</a> . The data will subsequently go through the AidData QA process and will then be released on <a href="http://aiddata.org">aiddata.org</a> .	Timor-Leste	
Haiti AMP	The Government of Haiti released the geocoded aid data via their public aid portal at <a href="http://haiti.ampsite.net/">http://haiti.ampsite.net/</a> . The data will subsequently go through the AidData QA process and will then be released on <a href="http://aiddata.org">aiddata.org</a> .	Haiti	
Uganda AMP 1.0 Research Release	This is the public release (1.0) of the Uganda AMP geocoded dataset. The dataset was provided as a static download on the AidData portal.	Uganda	Complete
Nepal AMP 1.0 Research Release	This is the public release (1.0) of the Nepal AMP geocoded dataset. The dataset was provided as a static download on the AidData portal. There were 6 point releases before the final public version (0.1-0.6).	Nepal	Complete
Nepal AMP 1.0 IATI Research Release	AidData published the first Nepal research release to the IATI registry, the first such AMP dataset to be published to the registry.	Nepal	Complete
Senegal AMP 1.0 Research Release	AidData completed it's third research release of AMP data using the Senegal AMP in October. This was the first AMP release to be built using automated publishing tools.	Senegal	Complete
Uganda AMP AidData Portal	This is the publication of the Uganda AMP data to the AidData 3.0 Portal	Uganda	Complete
Honduras AMP 1.0 Research Release	AidData has begun Quality assurance and post processing of the Honduras AMP for public publication. Expected publication is 1Q 2015	Honduras	Ongoing
Timor-Leste AMP 1.0 Research Release	AidData has begun Quality assurance and post processing of the Timor-Leste AMP for public publication. Expected publication is 1Q 2015	Timor-Leste	Complete
DRC AMP 1.0 Research Release	AidData has begun Quality assurance and post processing of the DRC AMP for public publication. Expected publication is 1Q 2015	Dem. Rep. Congo	Ongoing

Name	Description	Country	Status
Haiti AMP 1.0 Research Release	AidData has begun Quality assurance and post processing of the Haiti AMP for public publication. Expected publication is 2Q 2015	Haiti	Ongoing
World Bank IBRD IDA Geocoded Dataset	AidData has begun Quality assurance and post processing of the World Bank Geocoded Dataset for public publication. Expected publication is 4Q 2014		Complete
AidData 3.0 Core Research Release(s)	After the import of the OECD 2012 data, AidData has begun to assemble the latest static research release for researchers, using all core database holdings.		Ongoing
Map Off Competition	AidData students participate in map off challenge, receiving training on GIS technologies and exploring a research question and visualizing that on a map of their own creation.	United States	Ongoing
Technology in Governance Panel	AidData co-Executive Director Nancy Choi presented on the AidData Center's work at a Technology in Governance Panel at Georgetown University	United States	Complete
SciDev: Making it Count	AidData Co-ED Brad Parks presented at conference in London exploring the challenges behind the data revolution.	United States	Complete
TribeHacks	Student-organized 24-hour hackathon on the W&M campus. AidData sponsored two challenges: one on automated coding and another on geospatial data visualization.	United States	Complete
Nepal Dataset (alpha)	Internal release of the Nepal dataset. The dataset is undergoing final QA prior to public release in Q3	Nepal	
Uganda Dataset (beta)	External beta release of the Uganda dataset. The data will be re-released shortly with additional data and fields, and then incorporated into the GIS model of AidData 3.0	Uganda	
Senegal (alpha)	Internal release of the Senegal dataset for QA. The dataset will be public as soon as QA is completed.	Senegal	
Timor-Leste AMP	The Government of Timor-Leste released the geocoded aid data via their public aid portal at <a href="https://www.aidtransparency.gov.tl/">https://www.aidtransparency.gov.tl/</a> . The data will subsequently go through the AidData QA process and will then be released on <a href="http://aiddata.org">aiddata.org</a> .	Timor-Leste	
Haiti AMP	The Government of Haiti released the geocoded aid data via their public aid portal at <a href="http://haiti.ampsite.net/">http://haiti.ampsite.net/</a> . The data will subsequently go through the AidData QA process and will then be released on <a href="http://aiddata.org">aiddata.org</a> .	Haiti	
Uganda AMP 1.0 Research Release	This is the public release (1.0) of the Uganda AMP geocoded dataset. The dataset was provided as a static download on the AidData portal.	Uganda	Complete

Name	Description	Country	Status
Nepal AMP 1.0 Research Release	This is the public release (1.0) of the Nepal AMP geocoded dataset. The dataset was provided as a static download on the AidData portal. There were 6 point releases before the final public version (0.1-0.6).	Nepal	Complete
Nepal AMP 1.0 IATI Research Release	AidData published the first Nepal research release to the IATI registry, the first such AMP dataset to be published to the registry.	Nepal	Complete
Senegal AMP 1.0 Research Release	AidData completed it's third research release of AMP data using the Senegal AMP in October. This was the first AMP release to be built using automated publishing tools.	Senegal	Complete
Uganda AMP AidData Portal	This is the publication of the Uganda AMP data to the AidData 3.0 Portal	Uganda	Complete
Honduras AMP 1.0 Research Release	AidData has begun Quality assurance and post processing of the Honduras AMP for public publication. Expected publication is 1Q 2015	Honduras	Ongoing
Timor-Leste AMP 1.0 Research Release	AidData has begun Quality assurance and post processing of the Timor-Leste AMP for public publication. Expected publication is 1Q 2015	Timor-Leste	Complete
DRC AMP 1.0 Research Release	AidData has begun Quality assurance and post processing of the DRC AMP for public publication. Expected publication is 1Q 2015	Dem. Rep. Congo	Ongoing
Haiti AMP 1.0 Research Release	AidData has begun Quality assurance and post processing of the Haiti AMP for public publication. Expected publication is 2Q 2015	Haiti	Ongoing
World Bank IBRD IDA Geocoded Dataset	AidData has begun Quality assurance and post processing of the World Bank Geocoded Dataset for public publication. Expected publication is 4Q 2014		Complete
AidData 3.0 Core Research Release(s)	After the import of the OECD 2012 data, AidData has begun to assemble the latest static research release for researchers, using all core database holdings.		Ongoing

## APPENDIX III. Partners - FY 2014

Partner Name	Level of Engagement	Partner Type	Partner Location Country	Partner Description	Support Type
Ministère du Plan, Government of the Democratic Republic of the Congo	Low	Non-US government	Dem. Rep. Congo	Geocoding Partner Country	
Secretaría de Relaciones Exteriores de Honduras, Government of Honduras	Low	Non-US government	Honduras	Geocoding Partner Country	
International Economic Cooperation Coordination Division (IECCD), Ministry of Finance, Government of Nepal	Low	Non-US government	Nepal	Geocoding Partner Country	
Aid Effectiveness Project within the Ministry of Planning and External Cooperation (MPCE), Government of Haiti	Low	Non-US government	Haiti	Geocoding Partner Country	
Department of Economic and Financial Cooperation (DCEF) within the Ministry of Economy and Finance, Government of Senegal	Low	Non-US government	Senegal	Geocoding Partner Country	

<b>Partner Name</b>	<b>Level of Engagement</b>	<b>Partner Type</b>	<b>Partner Location Country</b>	<b>Partner Description</b>	<b>Support Type</b>
The Aid Liaison Division (ALD) of the Ministry of Planning and Economic Development (MoFPED), Government of Uganda	Low	Non-US government	Uganda	Geocoding Partner Country	
Development Partnership Management Unit within the Ministry of Finance, Government of Timor-Leste	Low	Non-US government	Timor-Leste	Geocoding Partner Country	
USAID/Colombia	High	USAID operating unit or program	Colombia	Partner on Colombia MONITOR Strategic Response Innovation and impact evaluation.	
UNICEF Uganda	High	Multi-lateral institution	Uganda	Summer fellow host organization and partner on Uganda Crosswalk Innovation Pilot	
Blum Center at University of California-Berkeley	High	Higher Education Institution/ Research Organization	United States	Partner on Big Ideas competition	
Agency for Transformation	High	NGO	Uganda	Summer fellow host organization	
Uganda Debt Network	High	NGO	Uganda	Summer fellow host organization	

<b>Partner Name</b>	<b>Level of Engagement</b>	<b>Partner Type</b>	<b>Partner Location Country</b>	<b>Partner Description</b>	<b>Support Type</b>
Transparency International Uganda	High	NGO	Uganda	Summer fellow host organization	
Centre for ICT Policy in Eastern and Southern Africa	High	NGO	Uganda	Summer fellow host organization	
Development, Research, and Training	High	NGO	Uganda	Summer fellow host organization	
Economic Policy Research Centre	High	NGO	Uganda	Summer fellow host organization	
Kathmandu University	High	Higher Education Institution/ Research Organization	Nepal	Summer fellow host organization	
Freedom Forum	High	NGO	Nepal	Summer fellow host organization	
Initiative Prospective Agricole et Rurale	High	NGO	Senegal	Summer fellow host organization	
Seeds of Life	High	NGO	Timor-Leste	Summer fellow host organization	
Instituto Mora	High	Higher Education Institution/ Research Organization	Mexico	Summer fellow host organization	

<b>Partner Name</b>	<b>Level of Engagement</b>	<b>Partner Type</b>	<b>Partner Location Country</b>	<b>Partner Description</b>	<b>Support Type</b>
Resilient Africa Network	High	Higher Education Institution/ Research Organization	Uganda	Partner on hackathon event. Summer fellows worked with RAN interns on spatial data visualization project.	
The Center on Conflict and Development at Texas A&M	Medium	Higher Education Institution/ Research Organization	United States	Consulted with TAMU on collection of spatial data and collaborated on a concept note outlining the creation of an HESN big ideas competition.	
Universidad Nacional Autonoma de Honduras	Medium	Higher Education Institution/ Research Organization	Honduras	Interested in supporting government geocoding effort in Honduras	
Office of the Chief Information Officer	High	USAID operating unit or program	United States	Collaborator on DEC Strategic Response Innovation and forthcoming challenge competition around the DEC.	
Global Development Lab- Prizes Team	High	USAID operating unit or program	United States	Collaborator on DEC Strategic Response Innovation and forthcoming challenge competition around the DEC.	

Partner Name	Level of Engagement	Partner Type	Partner Location Country	Partner Description	Support Type
USAID Open Data Team	High	USAID operating unit or program	United States	Collaborator on DEC Strategic Response Innovation and forthcoming challenge competition around the DEC.	
Open Nepal	Medium	NGO	Nepal	Co-host of Research and Policy Event (Nepal Open Data Working Group)	
USAID/Democratic Republic of Congo	High	USAID operating unit or program	Dem. Rep. Congo	Mission partner in geocoding country	
USAID/Honduras	High	USAID operating unit or program	Honduras	Mission partner in geocoding country	
USAID/Nepal	High	USAID operating unit or program	Nepal	Mission partner in geocoding country	
USAID/Haiti	High	USAID operating unit or program	Haiti	Mission partner in geocoding country	
USAID/Senegal	High	USAID operating unit or program	Senegal	Mission partner in geocoding country	

<b>Partner Name</b>	<b>Level of Engagement</b>	<b>Partner Type</b>	<b>Partner Location Country</b>	<b>Partner Description</b>	<b>Support Type</b>
USAID/Uganda	High	USAID operating unit or program	Uganda	Mission partner in geocoding country and collaborator on Uganda Crosswalk Innovation Pilot	
USAID/Timor-Leste	High	USAID operating unit or program	Timor-Leste	Mission partner in geocoding country	
William and Mary	Low	Higher Education Institution/ Research Organization	United States	Member of the AidData Center for Development Policy implementing consortium	Leverage (other than cost-share)
William and Mary	Low	Higher Education Institution/ Research Organization	United States	Member of the AidData Center for Development Policy implementing consortium	Cost-share.
Development Gateway	Low	NGO	United States	Member of the AidData Center for Development Policy implementing consortium	Cost-share.
Brigham Young University	Low	Higher Education Institution/ Research Organization	United States	Member of the AidData Center for Development Policy implementing consortium	Cost-share.

<b>Partner Name</b>	<b>Level of Engagement</b>	<b>Partner Type</b>	<b>Partner Location Country</b>	<b>Partner Description</b>	<b>Support Type</b>
University of Texas-Austin	Low	Higher Education Institution/ Research Organization	United States	Member of the AidData Center for Development Policy implementing consortium	Cost-share.
Esri	Low	Commercial Enterprise	United States	Member of the AidData Center for Development Policy implementing consortium	
International Economic Cooperation Coordination Division (IECCD), Ministry of Finance, Government of Nepal	High	Non-US government	Nepal	Geocoding Partner Country	
Aid Effectiveness Project within the Ministry of Planning and External Cooperation (MPCE), Government of Haiti	High	Non-US government	Haiti	Geocoding Partner Country	
Department of Economic and Financial Cooperation (DCEF) within the Ministry of Economy and Finance, Government of Senegal	High	Non-US government	Senegal	Geocoding Partner Country	

<b>Partner Name</b>	<b>Level of Engagement</b>	<b>Partner Type</b>	<b>Partner Location Country</b>	<b>Partner Description</b>	<b>Support Type</b>
The Aid Liaison Division (ALD) of the Ministry of Planning and Economic Development (MoFPED), Government of Uganda	High	Non-US government	Uganda	Geocoding Partner Country	
Development Partnership Management Unit within the Ministry of Finance, Government of Timor-Leste	High	Non-US government	Timor-Leste	Geocoding Partner Country	
Development Gateway	High	NGO	United States	Member of the AidData Center for Development Policy implementing consortium	
University of Texas-Austin	High	Higher Education Institution/ Research Organization	United States	Member of the AidData Center for Development Policy implementing consortium	
Brigham Young University	High	Higher Education Institution/ Research Organization	United States	Member of the AidData Center for Development Policy implementing consortium	

Partner Name	Level of Engagement	Partner Type	Partner Location Country	Partner Description	Support Type
Esri	High	Commercial Enterprise	United States	Member of the AidData Center for Development Policy implementing consortium	
New York University	Medium	Higher Education Institution/ Research Organization	United States	ARC Team Leader, Global Health, Karen Grepin	
Villanova University	Medium	Higher Education Institution/ Research Organization	United States	ARC Team Leader, Economic Growth, Christopher Kilby	
New York University	Medium	Higher Education Institution/ Research Organization	United States	ARC Team Leader, Global Health, Karen Grepin	
Villanova University	Medium	Higher Education Institution/ Research Organization	United States	ARC Team Leader, Economic Growth, Christopher Kilby	

## APPENDIX IV. Classes & Disciplines - FY 2014

Name	Description	Institution	Status
GIS for Aspiring Hackers	Our lives are becoming spatially explicit. Every year our activities as a global community and as individuals can be measured and categorized with increasing speed and precision. At the same time we are becoming spatially aware as consumers and citizens, tracking as we are tracked. Learn the tools to reach your own conclusions, spatially.	W&M	Complete
INRL 390: Field Experiments for International Development	Offered in the Spring 2014 semester, this course introduced 15 students to experimental methodologies and their applications in international development. Students worked in groups to design and implement 6 randomized control trials (RCTs), many of which focused on the AidData Center's work and will be placed in the field this summer.	W&M	Complete
INRL 391: Policy Oriented Research and Analysis Using Aid and Development Data	Offered in the Spring 2014 semester, this course oriented 70 students to the different data products produced by AidData and the applications of quantitative data and analysis to development policy-making.	W&M	Complete
INRL 391: Introduction to Development Mentored Research	Offered in the Spring 2014 semester, this course paired 10 of AidData's top students with faculty and AidData staff at W&M to conduct a focused mentored research project related to AidData's work. Project focuses included: gender & agriculture, humanitarian assistance and refugee camps, service delivery incentives in Eastern Europe, quality and value of transparency indexes, spatial statistics for health epidemiology, and NGO activities and sectors in Latin America.	W&M	Complete
GIS for AidData	This 9 week course will be conducted in two parts: 1) using data manipulation tools to create professional quality data products and 2) staff-guided spatial research. Students will be expected to come in with at least a beginner's knowledge of GIS, a zeal for problem solving, and a commitment to learning new data manipulation techniques. Every member of the class research.	W&M	Complete

Name	Description	Institution	Status
Big Data Tricks You Can Do at Home	In this course you will learn the basics of working with very large datasets with modern tools. In the first 3 weeks we will survey these tools and languages, showing the uses of each. The final 6 weeks will be project-based, with the final output being a working tool that performs analysis on our data. Programming experience is helpful, but not required.	W&M	Complete
The Research Process from Idea to Publication	The research process can be daunting, but we will break it down into easy-to-digest steps and work with you the whole way to produce a publishable product. During the first three weeks, you will learn about what data is available to you at the Institute, how to structure a research proposal, and how to provide feedback to your peers. The rest of the summer, you will be paired up with a staff mentor who will work with you one-on-one, as well as meeting once a week as a group for workshop-style feedback. The summer concludes with a research colloquium, where you will present your work to the campus community. You will leave the Institute well on your way to getting published!	W&M	Complete
Intro to Data Analysis in R	This course will be separated into three blocks – each designed to assist students to develop their skills in analyzing data using the open source program R. The first three week block will be an introduction to R and R Studio. Students will learn how to import data and how to use the most important data manipulation functions. The second block will be used to introduce students to the ggplot package which allows users to create powerful graphics (everything from time series plots to maps). The last block will be used to introduce students to linear modeling in R and basic machine learning.	W&M	Complete
Crash Course in GIS	Our lives are becoming spatially explicit. Every year our activities as a global community and as individuals can be measured and categorized with increasing speed and precision. At the same time we are becoming spatially aware as consumers and citizens, tracking as we are tracked. Learn the tools to reach your own conclusions, spatially.	W&M	Complete
The Writer's Toolbox: Writing for Communications, Policy Engagement and Business Development	Interested in learning how to write compelling content to engage with policymakers, prospective donors or any other group of people? This 3-week course will give you the tools you need to: understand your audience, identify the objective of your writing and determine the most engaging way to frame your content in both a policy engagement and business development setting. Week one will provide an overview to key tools and principles you'll need in an effective writer's toolbox. Weeks 2 and 3 will apply these tools and principles in the context of two different environments: (a) influencing policy change and (b) crafting a winning proposal.	W&M	Complete

Name	Description	Institution	Status
Data Journalism/ Using Data to Tell a Story	At the intersection of news, quantitative analysis, and graphic design, this session will work on new ways to tell compelling stories through visualizations—with a focus on mapping. Using maps and other visualizations, students will have the opportunity to connect data to the latest news from the blogosphere.	W&M	Complete
How to Find Happiness (or at least a job) in Your Professional Career	This three-week course will focus on career fundamentals. It will be hands on, with resume deconstruction, LinkedIn building, 30-second pitching, and 9-step foolproof interviewing. We'll discuss what to look for in your work environment, the trade-offs of different career paths, and how to use graduate school strategically (be warned, there's a fair amount of iterations to produce quality application documents!).	W&M	Ongoing
Constitution Building in Post-civil Conflict Societies	A debate is opening about the effectiveness of how political institutions have been designed in post conflict states such as Iraq, Afghanistan, Mali, and South Sudan. Previous political science research pointed to consociational models yet these have failed repeatedly. How should institutions be designed to ameliorate conflict? Should institutions be designed to maximize representativeness or broadness instead?	W&M	Complete
Introduction to Washington Buzzwords, or Monitoring & Evaluation	In the past 20 years, monitoring & evaluation has received significant attention within the development community as governments, multilaterals, and NGOs strive to demonstrate the effectiveness of their work. This course will draw on examples from development programs to provide an overview of foundational M&E concepts, including constructing a theory of change, developing a results framework, and selecting and measuring indicators.	W&M	Complete
Avoiding Margarine When You Just Want Butter: A Brief Introduction to Elite Survey Methods	This short course will provide a beginner's guide to unearthing comparable, unbiased (or unidirectionally biased) data through elite survey research. We will discuss sample selection, basic question and questionnaire design, and some common misconceptions about survey outreach.	W&M	Complete
AidData Presentations Workshop	This three-week course was created to help AidData students develop their presentation skills and produce a slide deck and accompanying talking points suitable for an external audience.	W&M	Complete

## APPENDIX V. Fellowships & Practica - FY 2014

Name	Short Description	Host Organization	Total # Students	Status
AidData Summer Fellows	AidData Summer Fellows improve the capacity of civil society in developing countries to use geocoded data, which localizes development funding and activities down to the district, town or street corner level. Funded by USAID, summer fellows embed with local universities, think tanks and civil society groups for two to three months, equipping local organizations with the skills to use this data in program planning, advocacy and research.	Initiative Prospective Agricole et Rurale	2	Complete
AidData Summer Fellows	AidData Summer Fellows improve the capacity of civil society in developing countries to use geocoded data, which localizes development funding and activities down to the district, town or street corner level. Funded by USAID, summer fellows embed with local universities, think tanks and civil society groups for two to three months, equipping local organizations with the skills to use this data in program planning, advocacy and research.	Freedom Forum; Kathmandu University	4	Complete
AidData Summer Fellows	AidData Summer Fellows improve the capacity of civil society in developing countries to use geocoded data, which localizes development funding and activities down to the district, town or street corner level. Funded by USAID, summer fellows embed with local universities, think tanks and civil society groups for two to three months, equipping local organizations with the skills to use this data in program planning, advocacy and research.	UNICEF Uganda; Uganda Debt Network; Transparency International Uganda; Centre for ICT Policy in Eastern and Southern Africa; Development, Research, and Training; Economuc Policy Research Centre; Agency for Transformation	9	Complete
AidData Summer Fellows	AidData Summer Fellows improve the capacity of civil society in developing countries to use geocoded data, which localizes development funding and activities down to the district, town or street corner level. Funded by USAID, summer fellows embed with local universities, think tanks and civil society groups for two to three months, equipping local organizations with the skills to use this data in program planning, advocacy and research.	Instituto Mora	3	Complete

Name	Short Description	Host Organization	Total # Students	Status
AidData Summer Fellows	AidData Summer Fellows improve the capacity of civil society in developing countries to use geocoded data, which localizes development funding and activities down to the district, town or street corner level. Funded by USAID, summer fellows embed with local universities, think tanks and civil society groups for two to three months, equipping local organizations with the skills to use this data in program planning, advocacy and research.	Seeds of Life	2	Complete
AidData Summer Fellows	AidData Summer Fellows improve the capacity of civil society in developing countries to use geocoded data, which localizes development funding and activities down to the district, town or street corner level. Funded by USAID, summer fellows embed with local universities, think tanks and civil society groups for two to three months, equipping local organizations with the skills to use this data in program planning, advocacy and research.	Transparency International Uganda; Agency for Transformation	2	Complete

## APPENDIX VI. Communications - FY 2014

Communication Title	Description	Location
<a href="#">The First Tranche: More Data, Improved Tools, Better Insights</a>	Announces launch of AidData 3.0	
<a href="#">The First Tranche: What Can Photos of Garbage Tell us about Foreign Aid?</a>	Summer Fellow Elsa Voytas discusses data-harnessing citizen-engagement projects launched by students Makerere University	
<a href="#">The First Tranche: AidData 3.0 Is Coming Soon - Don't Miss our DC Launch Event on 10/29</a>	Announces launch of AidData 3.0	
<a href="#">The First Tranche: AidData 3.0: Yes We Can...Make Development Finance More Intuitive</a>	Announces launch of AidData 3.0	
<a href="#">The First Tranche: The AidData 3.0 Official Press Release</a>	Press release announcing the launch of AidData 3.0	
<a href="#">ITPIR/WM: AidData's Newly-Released Data Portal Makes Development Finance More Intuitive</a>	Coverage of launch of AidData 3.0	
<a href="#">Freebalance Storify: Aid Transparency becomes Accessible, Usable</a>	Coverage of launch of AidData 3.0	
<a href="#">WM News: AidData releases new data portal</a>	Coverage of launch of AidData 3.0	
<a href="#">Development Gateway: AidData 3.0: Making Development Finance More Intuitive</a>	Coverage of launch of AidData 3.0	
<a href="#">Directions Magazine: AidData's Newly Released Data Portal Makes Development Finance More Intuitive</a>	Coverage of launch of AidData 3.0	
<a href="#">The First Tranche: Open Data Frontiers: Going Granular, Addressing Quality and Getting Feedback</a>	Discusses importance of AD3, compliance with IATI standards and additional upcoming improvements	

Communication Title	Description	Location
<a href="#">The First Tranche: Highlights from Transparency Week</a>	AidData 3.0 Launch highlighted, also discusses Malawi AMP launch	
<a href="#">The First Tranche: Get the Inside Scoop on AidData 3.0: Launch Event Highlights and Audio Now Available!</a>	AidData 3.0 Launch coverage	
<a href="#">The First Tranche: Impact Beyond the Numbers: Reflections on One Year at the AidData Center</a>	Overview of AidData Center for Development Policy work related to geocoding, Aid Management Fellows, AidData Summer Fellows, launching ARC	
<a href="#">WM News: TechCon: Reviewing the Past, Improving the Future</a>	Coverage of HESN TechCon	
<a href="#">The First Tranche: Can Foreign Aid Make Elections More Competitive?</a>	Discusses launch of AidData 3.0 and use of GIS module to evaluate effect of sub-national distribution of foreign aid affects the competitiveness of elections	
<a href="#">The First Tranche: Shedding Light on Projects Through Contract Transparency</a>	Blog post highlighting AidData's work with Government of Nepal aid management system to geocode contracts	
<a href="#">The First Tranche: Student Innovators Use "Story Maps" to Network and Collaborate to Solve Development Challenged</a>	This blog post details the HESN-sponsored Student Summit where students visualized the work of their development labs and presented new innovations to USAID leaders and development lab staff	
<a href="#">The First Tranche: Ministry of Finance Official Reflects on Benefits of Geospatial Data</a>	Madhu Marasini, Joint Secretary of the Ministry of Finance in Nepal, discusses how the Aid Management Platform is helping government agencies make more informed decisions on how to allocate aid to areas of greatest need and opportunity for impact	
<a href="#">The First Tranche: A Data Revolution for 2014: It Starts with Data, But Ends with Action- Inducing Insights</a>	Highlights Y1 accomplishments of HESN award	
<a href="#">The First Tranche: AidData Research Consortium Seeks Answers to Big Development Questions with Granular Data</a>	Introduction to the AidData Research Consortium, discusses upcoming ARC Convening.	
<a href="#">CGDev.org: Spatial Relationships: Does Global Health Aid Go Where It's Needed</a>	Center for Global Development blog post that discusses the AidData Research Consortium and includes examples from the health sector.	

Communication Title	Description	Location
<a href="#">CGDev.org: Spatial Relationships: Does Global Health Aid Go Where It's Needed</a>	Coverage of the AidData Research Consortium	
<a href="#">The First Tranche: The AidData Research Consortium Brings Big Ideas, Granular Data, and Great Minds Together</a>	Recap of the AidData Research Consortium convening	
<a href="#">The First Tranche: Reflecting on Open Aid in Nepal: Many Steps Forward, But More Work to Be Done</a>	Discusses Nepal's AMP and the effect of having that information publicly available in Nepal.	
<a href="#">William &amp; Mary News: W&amp;M hosts first AidData Research Consortium</a>	Article about the AidData Research Consortium Convening.	
<a href="#">W&amp;M News: W&amp;M hosts first AidData Research Consortium</a>	Coverage of AidData Research Consortium convening	
<a href="#">The Flat Hat: Students work with AidData to allocate foreign aid</a>	Article in W&M student newspaper features AidData Research Assistants Justin DeShazor and Rebecca Schectman. Piece also mentions AidData Summer Fellows program.	
<a href="#">The Flat Hat: Students work with AidData to allocate foreign aid</a>	William & Mary piece on student engagement	
<a href="#">The First Tranche: We Have Geocoded Data in Uganda - Now What?</a>	Discusses the process of geocoding Uganda's foreign aid and the release of Uganda's public aid management platform from Ugandan Aid Management Fellow, Andrew Scott.	
<a href="#">The Guardian Global Development Professionals Network: Has the transparency standard come of age</a>	AidData 3.0 is highlighted as one of three "platforms that show ordinary citizens that they can follow the money without much extra effort."	
<a href="#">The First Tranche: Can Data Visualizations Help Mediate Between the Worlds of Research, Policy and Practice?</a>	AidData Student Fellow Justin DeShazor reflects on his semester spent at the Senate Foreign Relations Committee and his time at the AidData Research Consortium Convening.	
<a href="#">Geospatial World: Tracking Development via Effective Aid Management</a>	Feature article about effective aid management and geocoding	

Communication Title	Description	Location
<a href="#">Government of Timor-Leste Press Release: Timor-Leste Geocoding</a>	Both AidData and USAID HESN are mentioned in a government press release about the launch of the publicly available geocoded data.	
<a href="#">Global Investigative Journalism Network: Covering the money behind the millennium development goals</a>	AidData 3.0 is listed as a resource for tracking statistics on development aid. The OECD and IATI are also listed.	
<a href="#">The First Tranche: Making Data Matter: How Aid Management Platforms Are Changing Development In-Country</a>	Discusses the Aid Management Platform Workshop hosted by Development Gateway in Ethiopia, how Aid Management Platforms are impacting development in-country.	
<a href="#">The First Tranche: AidData's Geocoding Process</a>	For Open Data Day, AidData presents a story map of our geocoding process.	
<a href="#">Storify: Making it count: big data, the open revolution and public engagement</a>	A Storify about SciDev's Making it Count conference includes tweets about Brad Parks' keynote address. In the keynote address, Brad shared several examples of the AidData Center's work.	
<a href="#">SciDev.net: Open-data advocates can hold power to account</a>	This blog post summarizes the keynote speech Brad Parks delivered at SciDev's Making it Count conference. Brad shared several examples of the AidData Center's work in the speech.	
<a href="#">SciDev.net: How mobile phones increased the digital divide</a>	This blog post includes quotes from the keynote speech Brad Parks delivered at SciDev's Making it Count conference. Brad shared several examples of the AidData Center's work in the speech.	
<a href="#">The First Tranche: Delivering Better Governance and More Effective Aid With Spatial Information</a>	Shortened version of Sam Custer's Geospatial World article detailing AidData's work.	
<a href="#">The First Tranche: Do We Need a Data Revolution or an Accountability Revolution?</a>	AidData Co-Executive Director Brad Parks spoke at SciDev's Making It Count event in London. This blog summarizes his remarks, discussing AidData's work, specifically aiddata.org.	
<a href="#">The First Tranche: DRC Launches Geocoding Effort to Improve Monitoring of its Foreign Assistance</a>	AidData Project Manager Owen Scott discusses getting the geocoding efforts in DRC started.	

Communication Title	Description	Location
<a href="#">The First Tranche: Haiti's Government Embraces Aid Management Platform to "Build Back Better"</a>	AidData Project Manager Dina Abdel-Fattah discusses Haiti's history and context around tracking development finance and the launch of AidData's geocoding efforts in the country..	
<a href="#">William &amp; Mary News: AidData present for launch of Global Development Lab</a>	Coverage of the launch of the Global Development Lab including Pat Austria's lightening talk	
<a href="#">The First Tranche: A Lesson From Nepal's Data Revolution: Getting Aid Information to the Right People</a>	Recap of Data Working Group session that took place in Kathmandu, Nepal	
<a href="#">The First Tranche: Locating Foreign Aid in Haiti</a>	Post about AidData's work with the Haitian Ministry of Planning and External Cooperation and the United Nations Development Programme (UNDP) to collect location data for projects reported in Haiti's External Aid Management Module (MGAE)	
<a href="#">Haiti ReliefWeb News (UNOCHA aggregator): Haiti: Locating Foreign Aid in Haiti</a>	Geocoding work in Haiti	
<a href="#">Women's News Network: Up-to-date data geocoding helps bring success to Haiti recovery</a>	Geocoding work in Haiti	
<a href="#">The First Tranche: Rebuilding Honduras: The Role of Transparent Aid to Restore Public Trust in Government</a>	Post about AidData's geocoding work in Haiti	
<a href="#">William &amp; Mary News: AidData summer fellows ready to start work</a>	AidData Summer Fellows	
<a href="#">The First Tranche: 2014 Summer Fellows Help Communities Use Data for Smarter Development</a>	Blog post discussing the second year of the AidData Summer Fellows program	
<a href="#">USGLC: Innovations in Smart Power report</a>	AidData Center is a featured innovation	
<a href="#">The First Tranche: Beyond Open Data in Uganda: How do we Make Citizen Feedback More Actionable</a>	Post about AidData's efforts to understand how we can help provide actionable citizen feedback on development projects; includes discussion of ASF projects	

Communication Title	Description	Location
<a href="#">The First Tranche: Taking th Health Aid Debate to the Subnational Level</a>	AidData blog post about health research using subnationally geocoded development data	
<a href="#">The First Tranche: US Private Foundation Data and the Total Resource Envelope</a>	Blog post announcing the integration of US private foundation data in AidData 3.0	
<a href="#">Open Nepal: Where Can I Find Aid Data</a>	Open Nepal piece includes coverage of geocoding and Nepal AMP	
<a href="#">The First Tranche: It's Not Just Big Data: Data Granularity and Aid Targeting</a>	Post by ARC member Josh Busby about efforts to develop subnational foreign assistance data	
<a href="#">SciDev.Net: Scheme equips locals with skills to spot aid abuse</a>	AidData Summer Fellows	
<a href="#">Resilience Africa Network: RAN Partners with AIDDATA to deliver GIS Training to Makerere University</a>	AidData Summer Fellows	
<a href="#">The First Tranche: Where's My Goat? Amplifying the Voice of Communities to Combat Corruption</a>	Blog post written by AidData Summer Fellow Nkechi Charles about her work with the Agency for Transformation in Uganda	
<a href="#">The First Tranche: Citizen-Driven Data is Key to the Success of Nepal's Open Data Revolution</a>	Blog post about an Open Data Working Group in Nepal, written by AidData Summer Fellow Erin Cusack	
<a href="#">Urban TV: Innovate segment</a>	AidData-RAN Hackathon	
The First Tranche: Open Data: Bad for the Corrupt, Good for Everyone Else?	Post about AidData Summer Fellow Daniel Chapman's work with Uganda Debt Network	
<a href="#">The First Tranche: Demand-Driven Data is Instrumental in Enhancing the Supply of Data</a>	Blog about Nepal's Open Data Working Group cross-posted from the Open Nepal Blog	
<a href="#">The First Tranche: Geocoding 101: A Behind the Scenes Look at Visualizing Aid and Development</a>	Blog post about the challenges and opportunities of geocoded data	
<a href="#">The First Tranche: Can Data Visualization Make it Easier to Crowdfund Corruption Monitoring</a>	Post written by AidData Summer Fellow Justin DeShazor about his work with Transparency International Uganda	

Communication Title	Description	Location
<a href="#">The First Tranche: AidData &amp; Feedback Labs Invite you to a Breakfast Event on Citizen Feedback: Bolstering or Circumventing the Democratic Process</a>	Post announcing Global Development Lab-funded research and policy event	
<a href="#">Directions Magazine: All Things Location: AidData Taps Students to Train Local Organizations to Track Development Spending</a>	Coverage of AidData Summer Fellows program	
<a href="#">The First Tranche: Taking the Pulse of Global Development: AidData Seeks New Insights on How Citizens Engage with Open Aid Data</a>	Post announcing the launch of AidData's Project Pulse	

## APPENDIX VII. Travel - FY 2014

Country	# Travelers	Partner(s) Engaged	Purpose	Outcome(s)	Next Steps
Uganda	1	Ministry of Finance, Planning and Economic Development, Uganda Bureau of Statistics, DFID, EU, Belgium, various Open Data CSOs	Objective 1 - Geocoding wrap-up	Launched geocoded data; discussed data sustainability; closed out AMF	(1) Prepare for public launch of Uganda AMP and data; (2) Focus on more training in a follow-up trip post-launch
Nepal	1	Ministry of Finance, Central Bureau of Statistics, Ministry of Education, Ministry of Federal Affairs and Local Development	Objective 1 - Geocoding Follow-up	M&E surveys and interviews conducted	(1) Circulate follow-up trip report; (2) Consider additional trip for map upgrade and training

Country	# Travelers	Partner(s) Engaged	Purpose	Outcome(s)	Next Steps
Haiti	1	Ministry of Planning and External Cooperation, UNDP, USAID Haiti M&E Office, and National Center of Geospatial Information (CNIGS)	Objective 1 - Geocoding wrap-up	Launched geocoded data; discussed data sustainability; closed out AMF	Next steps: (1) Continue follow-up with delinquent donors; (2) Continue discussions with CNIGS; (3) Plan for geocoding sustainability check-in trip
Timor-Leste	1	Ministry of Finance, USAID, Ministry of Education, Ministry of Health, Ministry of Social Solidarity, Other Development Partners	Objective 1 - Geocoding wrap-up	Launched geocoded data; discussed data sustainability; closed out AMF	(1) Explore ways to engage MoF and DPs in using the geocoded info; (2) Follow-up trip in November
Indonesia	2	Government of Indonesia, USAID mission, Other development partners	Objective 1 - Geocoding assessment	Created assessment report	USAID mission is currently reviewing our assessment results to make a decision on next steps

Country	# Travelers	Partner(s) Engaged	Purpose	Outcome(s)	Next Steps
Dem. Rep. Congo	2	Ministry of Planning, Belgian Technical Cooperation, Embassy of Belgium, Institut Géographique du Congo, GIZ, European Union, Embassy of Canada, UNDP, Department for International Development, UNOCHA, World Bank, Embassy of the Netherlands, UNICEF, JICA, Korean International Cooperation Agency	Objective 1 - Kick-off Geocoding work and engaged key stakeholders	Geocoding kicked off, AMF installed	After a successful kickoff, next steps involve continuing to engage with development partners around data collection.

Country	# Travelers	Partner(s) Engaged	Purpose	Outcome(s)	Next Steps
Honduras	3	Ministry of Foreign Affairs (the team of former Ministry of Planning), USAID, Other development partners	Objective 1 - Geocoding kick-off	Geocoding kicked off, AMF installed	The AMF is gathering information from all donors in country
Argentina	2	none	Meetings with AidData technical team around HESN deliverables	Ongoing AidData and AMP work	none
Romania	2	none	Meetings with AMP technical team around HESN deliverables	Ongoing AMP re-engineering	none
Uganda	1	USAID/Uganda, UNICEF/Uganda	Linking AMP and Devtrac/Ureport datasets to determine feasibility of future integration	Working to define if sufficient GoU, USAID/Uganda interest exists and if existing DevTrac tech provider can make necessary changes to system	
Uganda	1	USAID/Uganda, UNICEF/Uganda	Linking AMP and Devtrac/Ureport datasets to determine feasibility of future integration	Working to define if sufficient GoU, USAID/Uganda interest exists and if existing DevTrac tech provider can make necessary changes to system	