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CAPACITY DEVELOPMENT (PERIPERI U)**

AGREEMENT AID-OFDA-G-11-00215

QUARTERLY REPORT FOR THE FOURTH QUARTER OF 2015-2016 REPORTING PERIOD

1 January to 31 March 2016



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List of Partner Institutional Acronyms

ABU	Ahmadu Bello University, Nigeria
Ardhi	Ardhi University, Tanzania
BDU	Bahir Dar University, Ethiopia
GBU	Gaston Berger University, Senegal
Makerere	Makerere University, Uganda
Moi	Moi University, Kenya
RADAR	Research Alliance for Disasters and Risk Reduction
SU	Stellenbosch University, South Africa
Tanà	University of Antananarivo, Madagascar
UDM	UniversidadeTécnica de Moçambique, Moçambique
UG	University of Ghana, Ghana
USTHB	University of Science and Technology – Houari Boumediene, Algeria

General Acronyms

AWG-DRR	African Working Group on Disaster Risk Reduction
AMP	Agence de Médecine Préventive
COBES	Community-based Education and Services
DRM	Disaster Risk Management
DRR	Disaster Risk Reduction
MOU	Memorandum of Understanding
MSc	Masters of Science
NADMO	National Disaster Management Organization
NDMC	National Disaster Management Centre
NLLAP	National Level Learning Alliance Platform
NEMA	Nigeria Emergency Management Agency
NGO	Non-Government Organisation
Periperi U	Partners Enhancing Resilience for People Exposed to Risks
PhD	Doctor of Philosophy
UNISDR	United Nations Office for Disaster Risk Reduction
Urban ARK	Urban Africa Risk Knowledge
USF	University of South Florida
WASH	Water, Sanitation and Hygiene



1. Overview

This report describes the progress of the Periperi U Consortium of universities from 1 January to 31 March 2016, as required in terms of USAID Agreement AID-OFDA-G-11-00215. It describes the consortium's progress with specific reference to the five key focus areas of the Periperi U programme, specifically;

1. **Institutional development, embedding and expansion (i.e. sustainability)** of active disaster risk-related teaching and training, research and policy advocacy capacity with particular emphasis on urban and hydro-meteorological risks.
2. **Provision of short disaster risk-related courses** for capacity building and knowledge sharing among partners and external stakeholders.
3. **Growth and sustainability of new undergraduate and/or graduate programmes** related to reducing/managing the risk and vulnerability profile of the country concerned.
4. **Generation and communication of applied research outputs by each unit/programme** related to the risks and vulnerabilities of the country concerned that increase local understanding and improve the management of those risks.
5. **Mobilisation of the consortium to advance disaster-risk reduction efforts through strategic engagements** at national/sub-national, continental and international scales by each of the partners with governmental, nongovernmental, international and scientific stake-holders.

Due to the conclusion of the award on 31 March, 2016, project activities primarily focused on ongoing teaching and learning, along with administrative actions for concluding the award.

Tables appended at the end of this report also provide details on activities undertaken 1 January – 31 March by individual partners.

Table A1	- Staff Composition
Table A2	- Short disaster risk-related courses conducted
Table A3	- Under/Post graduate programmes conducted
Table A4	- Applied research outputs ongoing and completed
Table A5	- Examples of Student Theses ongoing and completed
Table A6	- Partners' external engagements and collaborations



2. Partner Focal area updates

2.1 Focus area 1: Institutional development, embedding and expansion

Overall, few new institutional developments were noted. However, **Ardhi** reported that one of its staff members, Prof. John Lupala, was transferred by the Government to the Ministry of Lands, Housing and Human Settlements Development to become the Director of Urban and Regional Planning in Tanzania. Professor Lupala's appointment and his knowledge of Disaster Risk Reduction (DRR) are positive developments for integrating DRR in urban planning at strategic levels within government in Tanzania.

More information on staff numbers across the consortium can be seen in Table A1 in the appendices.

UG staff hosted meetings on 16 March 2016 to discuss the modalities for establishing a Disaster Risk Reduction Centre/Institute at the Department of Geography and Resource Development, University of Ghana. Members present included Prof. George Owusu, the Head of Department and Convener, Prof. Jacob Songsore, Dr. Osman Alhassan, Dr. Paulina Amponsah, Dr. Kwadwo Owusu, and Mr. Samuel Nana Abokyi. The main issues discussed included the procedures for getting courses and programmes approved which courses to offer in the programme (target audience and related modules), the disciplinary focus and the multi-disciplinary faculty to develop relevant modules within the course, and proposals for sourcing funding for the new programme. A second meeting is planned for mid-April to push the discussions further.

2.2 Focus Area 2: Provision of short disaster risk-related courses

GBU was the only partner to implement a short course during this period titled '*Agricultural Risk Management*'. **ABU** had planned to implement three short courses during this period, however were unable to due to insufficient funding. More information on these courses can be found in Table A2 in the appendices. No other short courses were undertaken by any of the partners during this period, given that most partners were finalising Phase III activities.

UDM reported that Mozambique's Deputy Director of Public Health recently completed the short course programme 'Public Health in Emergencies' hosted by **Makerere** in Uganda. This had proved beneficial to all parties concerned as it strengthened internal African academic networks and professionalism and as well as relationship building between **UDM** and the health sector in Mozambique.

2.3 Focus Area 3: Growth and sustainability of new undergraduate and/or graduate programme

17 Disaster Risk academic courses and 13 Disaster risk related modules (six of which were hosted by **Makerere**) in other academic programmes were reported as offered during this period, with 1,217 students participating. This period saw 315 newly enrolled students enter the different academic programmes and modules, with 919 students continuing their studies, and 37 graduating. The majority of graduating students during this period were from Southern Hemisphere partners who had not completed their theses in time to graduate in December/end of the 2015 academic year.

The majority of partners reported no new or significant developments in their academic programmes, except for **SU** which launched its new Masters of Philosophy Disaster Risk Science and Development



this quarter, as well as GBU which will be announcing their admission for the second cohort for the Master Degree Program in “Prevention and Risk Management for Food Insecurity” to begin in April 2016.

More information on the individual programmes and modules and the respective number of students per course can be found in Table A3.

2.4 Focus Area 4: Generation and communication of applied research outputs by each unit/programm

2.4.1 Applied disaster risk research

Approximately 27 applied research projects were reported this period. While most are ongoing and expected to be completed later in the year, six were completed and / or published.

Moi University completed their research on the management of the disease known as Jiggers using compound X in Bugoma East sub-county in western Kenya. The **Moi** staff also completed their situational analysis of fire risk and safety at their university.

USTHB reported that they have finished compiling a book titled ‘Revisiter Ghardaia (Algerie) a Travers: L’inondation du 01 Octobre 2008’. The book examines the extent of the impacts of the flash flooding that occurred in the city of Ghardaia, Algeria in October 2008. The book will also analyse the various flood reduction policies and infrastructural developments that have been implemented in the city since the floods. The book will be officially published and released in June 2016.

Two of **SU**’s commissioned research projects were completed, with publications now in lay-out. These comprised a ten-year study of high impact weather events in the Western Cape of South Africa commissioned by the Provincial Government of the Western Cape, and an urban resilience study commissioned by ActionAid in three at-risk settlements located in Zimbabwe, Senegal and the Gambia. More information on the titles and status of these research projects can be seen in table A4 of the appendices.

2.4.2 Post-graduate student disaster risk research

Partners recorded 87 student research projects that were being carried out during this period.

One Masters thesis by Ardhi students has subsequently been published in a journal article in the ‘International Journal of Social Science and Humanities Research’. For more information on the titles and status of these research projects please see table A5 in the appendices.

2.5 Focus Area 5: Mobilisation of the consortium to advance disaster-risk reduction efforts through strategic engagements

With the closure of the current USAID agreement imminent, there were markedly fewer strategic engagements and collaborations due to limited costs available to traveling and hosting. However the consortium sustained its impact across important risk-related themes and geographic scales. The details of these engagements are summarised in Table A6 of the appendices.

2.5.1 Strategic engagement at local/national levels.

Examples from SU

Strategic engagement represents a crucial dimension of Periperi U partner work as it helps to align university actions with disaster risk management (DRM) priorities and needs ‘on the ground’.



On 14 March 2016 **SU** hosted a *Drought Seminar* which invited several specialists from across South Africa to discuss the impact and consequences of the current El Niño-associated drought. The seminar was attended by students participating in the disaster risk module, staff from other **SU** departments, as well as representatives of local and provincial disaster management centres and emergency responders.

Other strategic engagements undertaken by **SU** included Trish Zweig's invited presentation to Provincial Top Management by the Cape Higher Education Consortium-Western Cape Government Partnership on 17 March. Trish presented on informal settlement risk, drawing on almost a decade of in-depth community risk assessments across the Western Cape. Her presentation was entitled "*Service learning in the area of Disaster Risk Reduction: Opportunities for postgraduate students, government and communities*".

On 30 March 2016, Dr Robyn Pharoah represented **SU** at a Consultative meeting convened by the National Disaster Management Centre (NDMC) in Pretoria to discuss a proposed *NDMC Bursary Programme* for both under- and post-graduate students.

Examples from BDU and GBU

A BDU staff member participated in the Regional Training of APELL (Awareness and Preparedness for Emergencies at Local Level) Trainers on 22-24 March 2016, Addis Ababa, Ethiopia. During the training, **BDU** staff member conducted a presentation on the 'Higher Education Institutions - The Periperi U Experience'.

On 8 March 2016, **BDU** also assisted in hosting and facilitating the International Women's Day in the theme 'Planet 50-50 By 2030 - Step It Up For Gender Equity: A Pledge for Gender Equality and Women's Empowerment' in Bahir Dar University, Ethiopia. About 200 University female staff members and female students participated in the event.

GBU also established an *MOU with the National Food Security Programme (SECNSA)*, a government programme based in the Office of the Prime Minister of Senegal.

Examples from UG

UG also had various key engagements at the local and national level, which included;

- A *consultative meeting* on the 8th of January 2016 to brief its stakeholders including resource persons on progress of the Periperi U project. Topics discussed included the International Evaluation, the end of PPU Phase III, preparation made for a possible Phase IV, and plans to start discussions with other stakeholders about upscaling the course modules into programmes.
- Engagement of post-graduate students in their field practice in the 3rd week of March (March 17th 2016). This will include visits to *the National Platform Headquarters in Accra* to assess the institutional capacities and partnerships/networks for delivering effective coordination of hazards and disaster interventions. This process will continue until the end of April when a group assignment will be presented in a seminar.
- Continuing collaboration with the *National Level Learning Alliance Platform (NLLAP)* to ensure that our students learn from many local community initiatives which showcase innovative strategies employed to reduce risks in communities that often have very little resources.

2.5.2 Strategic engagement at continental and global scales.

The consortium continued to influence disaster risk reduction and humanitarian action processes at continental and global scales.

At continental level, there was clear Periperi U participation at:



- the Urban Africa Risk Knowledge (Urban ARK) consultation.
- the American Red Cross/Kenya/South Africa Red Cross Fire Sensors Project: Lessons Learned Workshop
- the African Working Group on Disaster Risk Reduction

Three urban risk presenters from **UG**, **Ardhi** and **SU** attended the **Urban ARK: International Science Conference and Stakeholder Meeting** (“Breaking risk in urban sub-Saharan Africa”), Held in Lilongwe, Malawi between 1-2 February. Specifically:

- Trish Zweig (**SU**) presented Explorations of the everyday: Reframing contemporary urban risk
- Jacob Songsore (**UG**) presented on *‘The complex interplay between everyday risks and disaster risks; A case of the 2014 the American Red Cross/Kenya Red Cross/South Africa Red Cross Fire Sensors Project: Lessons Learned cholera.*
- Tumpale Sakijege (**Ardhi**) presented a *Comparative study of flood risk in settlements in two cities in Indonesia and Tanzania.* (This research project was possible due to Tumpale’s PhD enrolment at the University of Gadjra Mada (UGM), Indonesia, that followed the participation of two UGM teaching staff at the 2011 Periperi U Consultative meeting in 2010, hosted by Ardhi).

From 13-15 January 2016, Gillian Fortune and Carinus de Kock (**SU**) attended **the American Red Cross/Kenya Red Cross/South Africa Red Cross Fire Sensors Project: Lessons Learned Workshop** in Nairobi. +/- 70 participants attended, with SU presenting (in a World Café format) *The Fire Risk Profile in the City of Cape Town, South Africa - More of the same, or are we starting to see a change?*

From 16-17 February 2016, Tarekegn Ayalew (**BDU**) and Dr Ailsa Holloway (**SU**) represented Periperi U at the **8th African Working Group on Disaster Risk Reduction**, convened at the African Union HQ in Addis Ababa.

From 12-14 April 2016, Professor Mateugue Diack (**GBU**) represented Periperi U at the **12th Comprehensive Africa Agriculture Development Programme Partnership Platform** in Accra Ghana. His presentation was entitled *“African Universities: transforming skill-sets for improved risk management”*. More than 300 participants attended, including those from NEPAD and the World Bank.

At international level, there was clear Periperi U leadership and participation at three processes:

- UNISDR Science and Technology Conference
- The World Conference on Humanitarian Studies 2016
- Agence de Médecine Préventive (AMP)

From 27-29 January, 2016, six Periperi U partners were represented at the UNISDR Science and Technology Conference in Geneva, Switzerland (**Ardhi**, **BDU**, **GBU**, **Tana**, **SU**, **USTHB**). With 700 delegates attending, the *secretariat co-authored the concept note on capacity development, and organised the dedicated panel and session* at the conference. Both Professor Mahefasoa Randrianalijaona (**Tana**) and Professor Benouar (**USTHB**) provided high-profile input at the gathering.

From 5-8 March 2016, BDU-Periperi U hosted and facilitated the **4th World Conference on Humanitarian Studies** from 5-8 March 2016, in Addis Ababa, Ethiopia, under the theme of *“Changing Crises and the Quest for Adequate Solutions”*. Three BDU-staff members participated in the conference that was attended by 300 people.

Makerere also convened a meeting in Kampala, Uganda for stakeholders and partners of the Agence de Médecine Préventive (AMP) which focused on a **Cholera Prevention and Oral Vaccine** trial that



had recently taken place. AMP representatives were drawn from AMP headquarters in Paris, France Paris, and AMP regional office in Zimbabwe, with participation also from the Ministry of Health, Uganda.

3. Secretariat Quarterly Report

Secretariat activities focused on four major workstreams; the development of Periperi U's on-line library, facilitating arrangements for Periperi U participation at the UNISDR Science and Technology Conference, streamlining the close-out processes for the current award across the partnership, and compiling all documents for a new USAID proposal submission. A comprehensive proposal for 2016-2019 was submitted to USAID/OFDA on 31 March 2016.

The Secretariat officially launched its online library system in late March, named the Periperi U Online Research Centre. The platform currently hosts several hundred publications and materials, however in the coming months this will be expanded as the library team has begun the process of digitizing the UNISDR library. The secretariat also couriered 180kg of duplicate copies of the UNISDR library books to its partners, ensuring that the themes and topics of these publications were aligned to the research, academic programme themes, and language of each partner.

4. Problems and obstacles reported

Several of the partners reported that financial constraints limited activities such as short courses, research and strategic engagement.

Sustainable funding remains an ongoing challenge, although virtually all partner institutions are substantially underwriting the programme's core academic activities. However, outreach activities remain primarily funded externally. Similarly, a recurrent problem, underlined this quarter by **Makerere** University is the almost complete absence of funding for post-graduate students. As is the case in other partners, the absence of student funding has barred many students from completing their studies timeously or at all.

The imbalance between social demand for skilled DRM personnel and available resources to build this capacity was also underlined by **UDM**. **UDM**, along with the project secretariat and other partners also noted that current staffing is insufficient to respond to growing demand.

5. Other updates and plans going forward

Several of the partners outlined plans going forward into 2016. These include;

- **GBU** is planning on establishing a PhD programme to be launched either in 2016 or 2017.
- **Makerere's** School of Public Health plan to call for graduate applications for the MPH Masters in Disaster Management (2016/17 academic year). Selection and admission will soon be undertaken to recruit new students.
- **Moi** plans to introduce changes to training of community health workers (on risk reduction as well as preparedness and response), with the objective that the knowledge will be transferred to at-risk communities. **Moi** also seeks to expand its DRR activities in the university's Community-based Education and Services (COBES) which would allow **Moi** to operate and conduct research over the whole of Western Kenya.



- **UDM's** intent to establish a cooperative agreement with the German Red Cross as well as an MoU with the Association for Handicapped Persons for the facilitation of short courses.
- **UG's** intent to have meetings to discuss the modalities for establishing a Disaster Risk Reduction Centre/Institute at the Department of Geography and Resource Development, University of Ghana. A second meeting is planned for mid-April to push the discussions on procedures for getting courses and programmes approved, what courses to offer in the programme (target audience and related modules), the disciplinary focus and the multi-disciplinary faculty to develop relevant modules within the course, and proposals for sourcing funding for the new programme.
- **USTHB's** plans to organise two short courses in other universities in Algeria later in 2016. The titles and dates of these courses are still to be confirmed.



Appendices

Table A1: Staff Composition of partners between 1 January – 31 March 2016

Institution	Periperi U faculty/university staff		Adjunct faculty		Other staff		Total
	Male	Female	Male	Female	Male	Female	
ABU	4		5		3		12
Ardhi	5	1	7		3		16
BDU	11	3	1				15
GBU	5	1	3	1			16
Makerere	2	1	2	3			8
Moi		6	1	2	1	1	11
SU	2	6	1	1			10
Tanà	5	2	5	4			16
UBuea	3	3					6
UDM	5	1	2	2			10
UG	5		3	1	2		11
USTHB	3	1					4
Total	50	25	35	15	9	1	135

Table A2: Short courses implemented between 1 January – 31 March 2016

Institution	Name of Short Course	Dates held	No. of participants	
			Men	Women
ABU	Vulnerability and Capacity Assessment of Communities	Not held; Lack of funds		
	Incident Command System	Not held; Lack of funds		
	Emergency Preparedness and Response Planning	Not held; Lack of funds		
GBU	Agricultural Risk Management	30 – 31 March, 2016	44	6

**Table A3: under/post graduate programme between 1 January – 31 March 2016**

Institution	Academic Programme	Module Name	New Enrolments	Continuing students	Students graduated	Total
ABU	Masters in Disaster Management	N/A		85		111
	Postgraduate Diploma in Disaster Management	N/A		26		
Ardhi	Master of Science in Disaster Risk Management (MSc. DRM)	N/A	6	26	2	69
	Master of Disaster Risk Management (MDRM)	N/A	4	31		
BDU	Postgraduate Programme: MSc in Disaster Risk Management & Sustainable Development	N/A		139	29	282
	Undergraduate Programme: BSc in Disaster Risk Management & Sustainable Development	N/A		114 (43 third year) (28 second year) (43 first year)		
GBU	Master of Disaster Risk Prevention and Management for Food Security	N/A		64		64
Makerere	Undergraduate programme: Management of Public health disasters		41	41		163
	Masters in Public Health and Disaster Management	N/A	MDM I: 7 MDM II: 11	MDM I: 7 MDM II: 11		
	N/A	Logistics management in emergency		7		
	N/A	Research methods		7		
	N/A	Environmental health in disaster situations		7		
	N/A	Reproductive health in disaster situations		7		
	N/A	Food and nutrition in disasters		7		



	N/A	Mental health and psychosocial issues		7		
	PHD students	N/A		3		
Moi	Masters in Public Health	N/A	20			45
	N/A	Nutrition in Emergencies	20		5	
SU	MPhil Disaster Risk and Development Studies		1			16
	N/A	Disaster Risk Studies Postgraduate Honours module	15			
Tanà	MSc in Disaster and Risk Science	N/A	29	29		408
	N/A	Economic valuation tool introduction (Module in Macroeconomics and modelling undergraduate course)		102		
	N/A	Economic valuation tool introduction (Module in Public affairs undergraduate course)		55		
	N/A	Economic valuation tool introduction (Module in General Economics undergraduate course)		193		
UDM	BSc Course on Environmental Engineering and DRM	N/A				
	Msc in Technical Education, Development and Disaster Management	N/A		14	1	
UG	N/A	Geog. 496 Disaster Risk Reduction Policies and Strategies (Fourth and last year of undergraduate training)	8			31
	N/A	Geog. 646 Applied Integrated Disaster Risk Reduction (IDRR) in Urban Ghana	12	11		
USTHB	Masters 1	N/A		100		110
	Ph.D Programme	N/A		10		
Total	17	13	315	919	37	1271

**Table A4: Applied research outputs ongoing and completed between 1 January – 31 March 2016**

Institution	Research title	Output	Research phase
ABU	Vulnerability and Capacity Assessment of SbonGari Local Government Area, Kaduna State, Nigeria	Commissioned Research	Awaiting publication
Ardhi	Fire disaster preparedness situational analysis in higher learning institutions of Tanzania; Jacob Kihila, Institute of Human Settlements Studies, Ardhi University, Dar es Salaam	Partner research	Manuscript for publication has been submitted to Journal for review
	Implementation of the National Land Policy and subsequent Legislation with regard to hazardous land (<i>LusuggaKironde</i>)	Partner research	Manuscript for publication is being prepared
	Application of pesticides in vegetable farming in Dar Es Salaam (<i>Nicholas Mwageni</i>)	Partner research	Manuscript for publication is being prepared
	Analysis of Incidence and Prevalence of Communicable Diseases Associated With Flooding Disaster	Journal Article	published
GBU	Relationships between food safety and food quality for better response to crisis in the regions of Saint-Louis, Louga and Matam of Senegal (Papa M Dieng et al.)	Partner research	Ongoing
	Endogenous knowledge and development of fish farming in the Senegal River Valley: Issues of integrating fish farming and cropping under irrigated conditions (Serigne M Fall et al.)	Partner research	Ongoing
	Rational management of pest of solanaceous vegetable crops and improvement of the quality of the produce in the delta and the middle Senegal River valley (Amadou B Bal et al.)	Partner research	Completed
	Vulnerability of the paddy soils and increase in the salinization process in the Senegal River Delta: the comparative benefits of using phosphogypsum, organic fertilizer and biochar for soil restoration (Saidou N Sall et al)	Partner research	Ongoing
	Loss of agricultural land and the risk to food insecurity in the Niayes region of Senegal (M Diack et al.)	Partner research	Completed
Makerere	Maternal Health, Infant Feeding and New-Born Home Care Practices among refugees and host populations in Adjumani District	Partner Research	Ongoing
	Effect of Village health team home visits and mobile phone consultation on maternal and newborn care practice in Masindi and Kiyrandongo, Uganda; a	Peer-reviewed Journal Article	Accepted - Awaiting publication



	community intervention trial		
	Opening the 'black box' Performance based financing in low-and-middle income countries: A review of literature	Peer-reviewed Journal Article	Accepted - Awaiting publication
Moi	Jiggers management using compound X in Bugoma East	Partner Research	completed
	Situational Analysis of fires at Moi University	Partner Research	completed
SU	OFF the RADAR: Post-Event assessment of four High Impact weather events in the Western Cape 2003-2014	Professional faculty research	Being finalised
UDM	Thresholds for Humanitarian Intervention	Commissioned Research Report	ongoing
	Social Situation in Drought Affected Regions – Chigubo case	Newspaper article	ongoing
	Study on Drought Variability Over 30 Years	Commissioned Research Report	ongoing
Tana	Profile and characteristics of cyclones and floods resilient household in South-Eastern of Madagascar	Peer-reviewed Journal Article	In press
	IARIVO Project: Strengthen the resilience of the most flood-vulnerable communities of the Urban Commune of Antananarivo	Commissioned Research Report	Ongoing
	Smallholder farmers, cyclones and coping strategies: a case study from Madagascar	Peer-reviewed Journal Article	accepted for publication
UG	Flood Incidence and humanitarian Action in Tamale	Book Chapter	ongoing
	Sanitation and Waste Management in Techiman Municipality	Book Chapter	ongoing
	The June 4 Disaster and Demolition of Informal Settlements in the Circle-Avenor-Old Fadama Areas in Accra	Book Chapter	ongoing
	Residential Patterns and Household Energy Use Problems in MadinaZongo, Accra	Book Chapter	Draft Research Report
USTHB	Revisiter Ghardaia (Algerie) a Travers : L'inondation du 01 Octobre 2008'	Book	Completed – to be released in June 2016
Total:			27

**Table A5: Examples of Student Theses ongoing and completed between 1 January – 31 March 2016**

Institution	Research title	Output - thesis	Research phase
Ardhi	Comparative analysis of non-infrastructural impacts of 2011 and 2014 floods in DaeEs Salaam (<i>DokelaChale</i>)	Master's Thesis	Research Ongoing
	Effectiveness of accidents preparedness and response at Emergency Department, MOI Dar es Salaam (<i>Elizabeth Mbaga</i>)	Master's Thesis	Research Ongoing
	Analysis of occupational health and safety hazards experienced by health care workers in Hospital (<i>SikudhaniYotham</i>)	Master's Thesis	Research Ongoing
	Assessment of flood disaster time integrity of sanitation system in Dar Es Salaam city (<i>Elizabeth Camilius</i>)	Master's Thesis	Research Ongoing
	Analysis of public and occupational safety and health (POSH) management in Operating Theatres in Tanzania: The case of Muhimbili National Hospital; (<i>Daniel Mshana</i>)	Master's Thesis	Research Ongoing
	Temporal and spatial trends of incidences and prevalence of communicable diseases during flood disaster in Kilosa(<i>MwanamkuuMaghembe</i>).	Master's Thesis	Research Ongoing
	Assessment of fire disaster preparedness in international airports in Tanzania (By Mbugunde Amir)	Master's Thesis	Research Ongoing
	Assessment of the extent of environmental degradation, its impacts and the role of community participation: The case Ex Ndoti Refugee camp in Kibondo District (By MainguBuremo)	Master's Thesis	Submitted for examination
	Motorcycle accidents: Risk factors, magnitude, prevention and mitigation factors: A case of Kinondoni in Dar es Salaam (By Mary Makata)	Master's Thesis	Research Ongoing
	Vulnerability assessment to sanitation related diseases for communities living in informal settlements (By Mbegha, I).	Master's Thesis	Research Ongoing
	Assessment of performance of Fire and Rescue Force services in Tanzania: Case of Dar es Salaam (By Laizer, Loshpay.)	Master's Thesis	Research Ongoing
	Prevention and control of disaster in construction industry: A comparative assessment of health and safety practices in building and civil projects in Tanzania (By Judith Mlay)	Master's Thesis	Research Ongoing
	Health and safety hazards in the tourism industry: The case of wildlife tourism in Tanzania (By Hauba, Neema.)	Master's Thesis	Submitted for examination



	Comparative analysis of physical and socio-economic losses inflicted by bomb explosions at Mbagala and Gongo la Mboto in Dar es Salaam (By Haikael, Raphael.)	Master's Thesis	Research Ongoing
	Mismatch Between Human Settlements Planning and Disaster Risk Reduction: The Case Of Dar Es Salaam City, Tanzania; PhD study by Benedict Malele	Master's Thesis	Submitted for review by supervisors before final submission for examination
	Analysis of Incidence and Prevalence of Communicable Diseases Associated With Flooding Disaster in Dar es Salaam City; Rukia Ismail, Steve Mbuligwe, Fredrick Salukele	Master's Thesis	Completed and Published
BDU	Gender inequality in land rights a case of Somali regional state jijiga town.	Master's Thesis (distance learning)	Research Ongoing
	The effect of climate change on livestock production Case study Degahbour zone in Somali regional state of Ethiopia	Master's Thesis (distance learning)	Research Ongoing
	Determinants of Urban Food insecurity (Kebribayah town)	Master's Thesis (distance learning)	Research Ongoing
	The Role of Customary Institutions in Resolving Natural resource Based Conflict among Somali Pastoral Clans-the Case of Degahmado district of Somali regional state	Master's Thesis (distance learning)	Research Ongoing
	Resilience capacity of Female headed pastoralist's households in drought times, KBD woreda, Somali-region-Ethiopia.	Master's Thesis (distance learning)	Research Ongoing
	Climate Impact on the pastoral and Agro-Pastoral Communities in Somali Region.	Master's Thesis (distance learning)	Research Ongoing
	Perceived causes of food insecurity and traditional coping mechanisms of pastoral households: the case of Degahbur District, Somali Region, Ethiopia	Master's Thesis (distance learning)	Research Ongoing
	Women as bread winner in the pastoral areas of Somali Regional State of Ethiopia: case study from DegahabourWoreda	Master's Thesis (distance learning)	Research Ongoing
	Pastoralists' vulnerability to drought , adaptation and coping mechanisms : The case of DaroorWoreda, Somali regional state of Ethiopia	Master's Thesis (distance learning)	Research Ongoing
	Constraints and Potentialities of Cross Border Livestock Trade in AwbarreWoreda, Somali Region, Ethiopia.	Master's Thesis (distance learning)	Research Ongoing
The impact of charcoal production to the environment (case studies Harshinworeda of Fafan zone of Somali region)	Master's Thesis (distance learning)	Research Ongoing	



Drought occurrence and pastoralist's coping mechanism in the case of DenanWoreda	Master's Thesis (distance learning)	Research Ongoing
Reducing Risks and Vulnerability of Traditional Pastoral Production System: Through Enabling Social Protection System: A Descriptive Study in SheygoshWoreda.	Master's Thesis (distance learning)	Research Ongoing
Effects of recurrent drought on Nutritional Status in under five children: the case study of Adadleworeda, Shebelle Zone, Somali Region,	Master's Thesis (distance learning)	Research Ongoing
Vulnerability and Urban Flooding in JigJiga town	Master's Thesis (distance learning)	Research Ongoing
Determinants and constraints towards building disaster resilient community in Somali region-the case of AWBARE DISTRICT	Master's Thesis (distance learning)	Research Ongoing
Livelihood diversification and income generating strategies to promote household food security a case study in jijjiga district	Master's Thesis (distance learning)	Research Ongoing
Analysis of Farming Household Vulnerability to Food Insecurity: The Case of JigJigaWoreda, Somali Region.	Master's Thesis (distance learning)	Research Ongoing
Determining factors of human trafficking and its risks on Household level in the case of jijjiga City.	Master's Thesis (distance learning)	Research Ongoing
Pastoralists' indigenous knowledge on natural resources management: a case study on Shinile district of Somali region, Ethiopia	Master's Thesis (distance learning)	Research Ongoing
Drought management practice in the case of shinile zone of AyshaWoreda, Somali Regional State	Master's Thesis	Research Ongoing
The impact of food security in female households: the case of Angolela-Tara Woreda	Master's Thesis	Research Ongoing
Household Resilience, Food Security and Recurrent Shocks: A study from Tach-Gaint Areas of South Gondar, Ethiopia	Master's Thesis	Research Ongoing
"Impact of land degradation on biodiversity and food security, the case of Adama Mountain, YilmanaDensa district"	Master's Thesis	Research Ongoing
Living with Uncertainty: Challenges of slum dwellers in Bahir Dar	Master's Thesis	Research Ongoing
Impact of Climate change and Variability on Pastoral and Agro-Pastoral Household Food Security: The Case of Yabello district, Borana zone, Oromia region, Ethiopia.	Master's Thesis	Research Ongoing
Assessing current disaster risk reduction and management and the commitment,	Master's Thesis	Research Ongoing



	coordination and collaboration of responsible organizations		
	Food Insecurity & coping strategies among agro-pastoral households. The case of Lareworeda, Nuer Zone, Gambella Regional States of Ethiopia	Master's Thesis	Research Ongoing
	Impacts of drought on socio-economic pastoralists in Dirrewareda of Borena zone, Oromia region.	Master's Thesis	Research Ongoing
	Factores influncing loan repayment on food security program in ruralesmail holder households in simadaworda	Master's Thesis	Research Ongoing
	Fire hazard precaution and prevention practices in urban areas; the case of Bahir Dar city.	Master's Thesis	Research Ongoing
	The impact of flood on the socio-economic and livelihood of LareWoreda, Gambela	Master's Thesis	Research Ongoing
	Local community perceptions and adaptation to climate variability and climate change in east belessa district, north gonder, ethiopia".	Master's Thesis	Research Ongoing
	Challenges and opportunities on mainstreaming disaster risk reduction into sustainable development efforts at local level : Jabitehinan and Bureweredas Amhara National Regional State	Master's Thesis	Research Ongoing
Makerere	Feeding Practices among children aged between 6 to 23 months in refugee settlement of Kiryadongo District, Uganda	Master's Thesis	Research Ongoing
	Compliance to International Health Regulations Guidelines on points of entry for Uganda a case study of Entebbe International Airport	Master's Thesis	Research Ongoing
	Use of modern family planning among refugees in Adjumani district, West Nile Uganda	Master's Thesis	Research Ongoing
	Assessment of Contingency Planning for Disaster Risk Management by Districts in the Acholi Sub region, Northern Uganda	Master's Thesis	Research Ongoing
	Flash floods and child survival in low lying residential areas, Kampala City, Bwaise.	Master's Thesis	Research Ongoing
	Food security and coping strategies among refugees settled in Adjumani Uganda	Master's Thesis	Research Ongoing
	The use of indigenous knowledge for community based early warning for disaster preparedness and response in Uganda, The case of Karamoja region	Master's Thesis	Research Ongoing
	Assessment of residential fire preparedness and associated factors in Kampala.	Master's Thesis	Research Ongoing
	Evaluation of the implementation of the Mount Elgon Zone Disaster Risk	Master's Thesis	Research Ongoing



	Reduction project (An assessment of the performance of disaster risk reduction groups)		
	Evaluation of nutrition surveillance in disaster stricken areas of Uganda, a case study of Napak district.	Master's Thesis	Research Ongoing
	Health facility preparedness for containment of viral Hemorrhagic fever outbreaks: A case study of Bwera and Kagando Hospitals In Kasese District, Western Uganda	Master's Thesis	Research Ongoing
	Sexual and Gender Based Violence in Post Conflict Settings	PhD Thesis	Research Ongoing
	Molecular Characterization and Rapid Detection of Vibrio Cholera in Uganda. The Relationship between Human Pathogens and those in Aquatic Environment	PhD Thesis	Research Ongoing
	The Repatriation of Refugees From West Nile Districts; Effects on Health Services for Host Populations	PhD Thesis	Research Ongoing
Moi	Perinatal Mortality in women with hypertension in pregnancy admitted at Pumwani maternity hospital, Nairobi, Kenya	Master's Thesis	Awaiting defence
	An assessment of women's knowledge, attitude and Health seeking behaviour towards breast cancer and its screening in Kakamega County	Master's Thesis	Awaiting defence
	Boarding secondary schools preparedness to fire central division, Machakos County	Master's Thesis	Awaiting defence
SU	Examining relationships and cooperation between Traditional Leaders and Disaster Risk Management in Eastern Cape, South Africa	MPhil Thesis	Research Ongoing
Tana	'Analyse de la vulnérabilité du système institutionnel en GRC à Madagascar'		Research Ongoing
	La vulnérabilité à la sécheresse en Androy: conséquences socio économiques et perceptions culturelles du risque climatique		Research Ongoing
UDM	Diagnosis of Environmental Health Issues in Maputo Townships	MSc thesis	completed
UG	Smallholder Farmers' Vulnerability to Floods in the Tolon District.	Master of Philosophy Thesis	Completed
	Assessing the Effectiveness of Agricultural Household Strategies for Sustainable Adaptation to Climate Change in the Sissala East District.	Master of Philosophy Thesis	Completed
	Disaster Risk Awareness and Preparedness: The Case of Flood Hazard in Ho Municipality.	Master of Philosophy Thesis	Finalising thesis write-up
	Enhancing water and sanitation service delivery in low income urban		Finalising thesis write-up



	communities: A case of Gbegbeyise.	Master of Philosophy Thesis	
	Knowledge, Attitude and Practice of Healthcare Waste Management and Public Health Risks in the Ho Municipality.	Master of Philosophy Thesis	Finalising thesis write-up
	Water scarcity and its Health risk on the People of Anyako in the Keta Municipality	Master of Philosophy Thesis	Data analysis
	Perceived Risks and Risk Management Strategies in Tourism Protected Areas: The case of Kyabobo National Park in the Nkwanta South District of Ghana	Master of Philosophy Thesis	Data analysis
	Assessing the State of Preparedness and Response to Cholera Epidemic in the Greater Accra Metropolitan Area (GAMA): The case of La and Chorkor	Master of Philosophy Thesis	Data analysis
	Exploring the Application of Local Knowledge in Disaster Management: Insights from Selected Districts in Ghana	Master of Philosophy Thesis	Data analysis
	Fire Emergency Preparedness in the Accra Metropolitan Area: State Institutions and Corporate Bodies	Master of Philosophy Thesis	Stalled
	An Assessment of Flood Disaster Vulnerability in Tamale	Master of Philosophy Thesis	Stalled
USTHB	Evaluation de la vulnérabilité sismique pour les bâtiments d'Alger	Ph.D thesis	Ongoing
Total:			87

**Table A6: Partners' external engagements and collaborations between 1 January – 31 March 2016**

Institution	Engagement type	Title	Dates	Location	Host/Partners	Purpose
Ardhi	UNISDR Conference	UNISDR Science and Technology Conference on the Implementation of the Sendai Framework for Disaster Risk Reduction 2015-2030	27 – 29 January 2016	Geneva, Switzerland	UNISDR	Attendee/representative of PPU
	International conference	Urban ARK International Science Conference and Stakeholder Meeting (“Breaking risk in urban sub-Saharan Africa”),	1-2 February	Lilongwe, Malawi	Urban ARK	Presented on research: <i>The complex interplay between everyday risks and disaster risks; A case of the 2014 cholera.</i>
BDU	UNISDR Conference	UNISDR Science and Technology Conference on the Implementation of the Sendai Framework for Disaster Risk Reduction 2015-2030	27 – 29 January 2016	Geneva, Switzerland	UNISDR	Attendee/representative of PPU
	Working Group Conference	8th Session of Africa Working Group on Disaster Risk Reduction (AWG-DRR)	16-17 February 2016	Addis Ababa, Ethiopia	UNISDR	The meeting was focused on the implementation of the Yaoundé Declaration. Also presented on experiences and accomplishments of the Periperi U project
	Hosting Conference	4th World Conference on Humanitarian Studies	5-8 March 2016	Addis Ababa, Ethiopia	International Humanitarian Studies Association, Addis Ababa University, BDU	Conference facilitator and attendee



	Training Programme	Regional Training of APELL	22-24 March 2016	Addis Ababa, Ethiopia	APELL	Training for BDU staff for Awareness and Preparedness for Emergencies at Local Level
GBU	MOU establishment	N/A	January – March 2016	Saint Louis, Senegal	Office of the Prime Minister of Senegal	MOU with the National Food Security Programme (SECNSA)
	International Conference	UNISDR Science and Technology Conference	27-29 January, 2016	Geneva, Switzerland	Ardhi, BDU, GBU, Tana, SU (secretariat), USTHB	the secretariat co-authored the concept note on capacity development, and organised the dedicated panel and session at Conference
Makerere	Meeting with representatives of Agence de Médecine Préventive (AMP)	N/A	January – March 2016	Kampala, Uganda	Agence de Médecine Préventive (AMP), Makerere	Facilitator, attendee and presenter
SU	International Conference	UNISDR Science and Technology Conference	27-29 January, 2016	Geneva, Switzerland	UNISDR	the secretariat co-authored the concept note on capacity development, and organised the dedicated panel and session at Conference
	International conference	Urban ARK International Science Conference and Stakeholder Meeting (“Breaking risk in urban sub-Saharan Africa”),	1-2 February	Lilongwe, Malawi	Urban ARK	Presented on research: <i>Explorations of the everyday: Reframing contemporary urban risk</i>



	Working Group Conference	8th Session of Africa Working Group on Disaster Risk Reduction (AWG-DRR)	16-17 February 2016	Addis Ababa, Ethiopia	UNISDR	The meeting was focused on the implementation of the Yaoundé Declaration. Also presented on experiences and accomplishments of the Periperi U project
	Drought Seminar	Drought: Exploring the impacts and implications for South Africa	14 march 2016	Stellenbosch university, South Africa	SU	Educational seminar to raise awareness of the impacts and implications of the drought in South Africa
	Presentation to Provincial government	“Service learning in the area of Disaster Risk Reduction: Opportunities for postgraduate students, government and communities”.	17 march 2016	Cape Town, South Africa	Cape Higher Education Consortium- Western Cape Government	presentation to Provincial Top Management by the Cape Higher Education Consortium-Western Cape Government Partnership on informal settlement risk across the Western Cape
	Consultative meeting	N/A	30 March 2016	Pretoria, South Africa	NDMC	Consultative meeting to discuss a proposed NDMC Bursary Programme for both under- and post-graduate students
Tanà	International Conference	UNISDR Science and Technology Conference	27-29 January, 2016	Geneva, Switzerland	UNISDR	Attendee/representative of PPU
UDM	Academic exchange	N/A	January – March	Makerere, Uganda	Makerere, UDM	UDM assisted in



			2016			organising Mozambique's Deputy Director of Public Health to attend the academic programme in 'Public Health in Emergencies' hosted by Makerere in Uganda
UG	Internal consultative university meetings	N/A	8 January 2016	University of Ghana	UG	Internal consultative university meetings on future possibilities for expanding Periperi U programme at UG
	International conference	Urban ARK International Science Conference and Stakeholder Meeting ("Breaking risk in urban sub-Saharan Africa"),	1-2 February	Lilongwe, Malawi	Urban ARK	Presented on research: <i>Explorations of the everyday: Reframing contemporary urban risk</i>
	Collaboration with Local communities	N/A	January – March 2016	Accra, Ghana	NLLAP, WASH UG	Collaboration with Local communities to reduce their risks
	Educational collaboration	N/A	17 March 2016 - onwards	National Platform Headquarters, Accra	National Platform Headquarters, UG	Engagement of post-graduate students in their field practice
USTHB	International Conference	UNISDR Science and Technology Conference	27-29 January, 2016	Geneva, Switzerland	UNISDR	Attendee

