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Michael Wyzan, Agreement Officer's Representative

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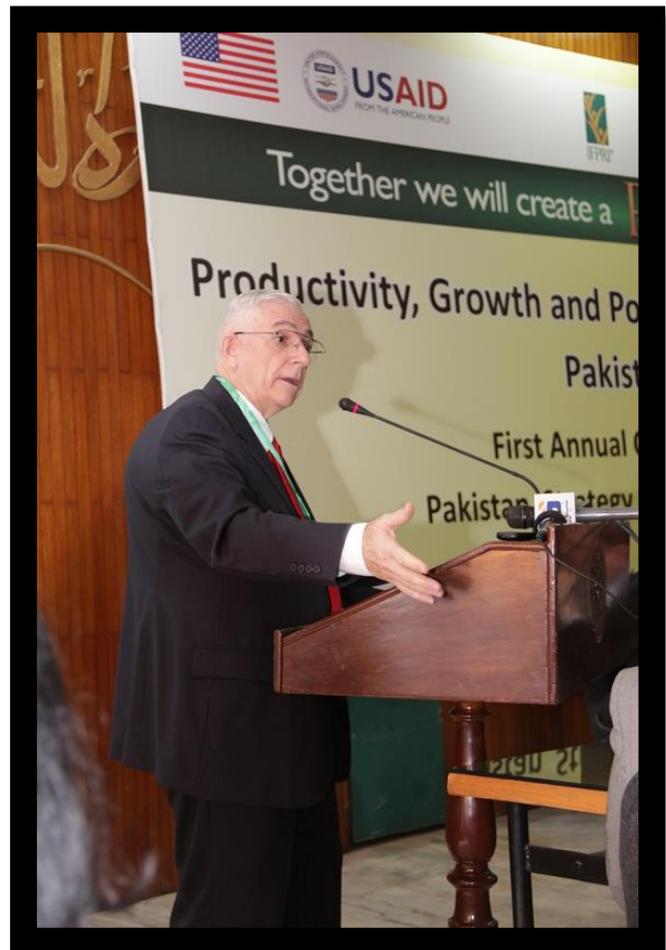
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ABBREVIATIONS

AIP	Agriculture Innovation Project
AKRSP	Aga Khan Rural Support Programme
CEMB	Center for Excellence in Molecular Biology
CERA	Center for Environmental Risk Assessment
CGE	Computable General Equilibrium
CGP	Competitive Grants Program
CIMMYT	<i>Centro Internacional del Mejoramiento de Maíz y Trigo</i> (International Maize and Wheat Improvement Center))
CY	Calendar Year
FY	Fiscal Year
FUU	Federal Urdu University
GE	Genetically Engineered
GOP	Government of Pakistan
HEC	Higher Education Commission
ICARDA	International Center for Agricultural Research in the Dry Areas
IDS	Innovative Development Strategies
IFPRI	International Food Policy Research Institute
Indic.	Indicator
IR	Intermediate Result
IWMI	International Water Management Institute
NAC	National Advisory Committee
NARC	National Agricultural Research Center
PAK EPA	Pakistan Environmental Protection Agency
PARB	Pakistan Agricultural Research Board
PARC	Pakistan Agricultural Resource Council
PC	Planning Commission
PERI	Pakistan Economic Research Institute
PIDE	Pakistan Institute of Development Economics
PITAD	Pakistan Institute of Trade and Development
PMP	Performance Management Plan
PSSP	Pakistan Strategy Support Program
RAC	Research Advisory Committee
RHPS	Rural Household Panel Survey
SO	Strategic Objective
UAF	University of Agriculture - Faisalabad
USAID	United States Agency for International Development
USG	United States Government
WAPDA	Water and Power Development Authority

EXECUTIVE SUMMARY

The Pakistan Strategy Support Program (PSSP) is the first of two components of USAID's Pakistan Policy, Science and Innovation Program for Agriculture. The purpose of PSSP is to contribute to pro-poor economic growth and enhanced food security through evidence-based policy reforms. Its main goal is to enhance agricultural growth by strengthening the nation's capacity for developing, advocating and implementing effective policies. Its objectives are consistent with the GOP Planning Commission's new "Framework for Economic Growth."

PSSP's four primary research priorities are:

1. Agricultural production and productivity
2. Water management and irrigation
3. Macroeconomics, markets and trade
4. Poverty reduction (Income dynamics) and job creation (Social Safety Nets)

In addition to generating policy-relevant research, PSSP aims to improve policy analysis and advocacy, and build the capacity of researchers in selected Government of Pakistan and non-government institutions through PSSP's capacity strengthening, feedback and outreach, and policy advisory programs. Having increased the capacity to conduct research, analyze information and formulate evidence-based policy recommendations, PSSP will link these Pakistani researchers and institutions through knowledge-sharing networks.

The highlights of PSSP's activities during first quarter FY 2013 (October 2012 – December 2012) are summarized below. The activities are presented in a manner that highlights their contribution to the Development Objective and the three Intermediate Results (IRs) found in PSSP's Performance Monitoring Plan (PMP). More detail on these categories is given in the section entitled "Expected Results as Reflected in the Performance Management Plan" in the Introduction to Part 2 below.

INCREASED AND IMPROVED AGRICULTURAL AND ECONOMIC POLICY RESEARCH

The following research activities support IR 1: Increased and improved agricultural and economic policy research.

AGRICULTURAL PRODUCTION AND PRODUCTIVITY

Agricultural Research and Development: PSSP presented a draft report of its external evaluation of the Pakistan Agricultural Research Council (PARC) to interested stakeholders in November 2012. USAID approved the "Agricultural Innovation Project" (AIP), for which the prime implementer will be *Centro Internacional del Mejoramiento de Maíz y Trigo* (International Maize and Wheat Improvement Center) (CIMMYT); PSSP will collaborate with AIP, especially in three areas: developing Monitoring and Evaluation capacity in PARC and other provincial research institutions; providing the socioeconomic and regulatory context for improvement of seed systems; and examining the economics of selected value chains of interest to both projects. PSSP also finalized the report on agricultural value chains as PSSP Working Paper 010.

Economic Analysis of Biotechnology: The fieldwork and data entry for the Pakistan Rural Household Survey Round 1.5 for all districts was completed in November. The data cleaning was completed by mid-December and the data are ready for analysis.

PSSP initiated design of an empirical strategy to collect and analyze more detailed observational and experimental data relating to Bt cotton in Pakistan.

Biotechnology Regulation: CERA continued to monitor the work of the recipients of the competitive biosafety research grants program and published a report on the regulation of biotechnology in December 2012.

WATER MANAGEMENT AND IRRIGATION

PSSP continued work on the implementation of a detailed farm survey on irrigation management (Round 1.5). It also worked on the completion of an assessment of the impacts of transfers of agricultural water to urban/industrial uses as a result of a potential groundwater salinization of major Pakistani cities. PSSP also continued work on review of the scope of irrigation management reforms and modeling work on operational rules for Satpara Dam. Researchers presented their work on the impacts of climate change on water and food security and the analysis of the impact of water management practices and climate change on the overall Pakistan economy at PSSP's First Annual Conference in December 2012.

MACROECONOMICS, MARKETS AND TRADE

PSSP researchers presented the four Computable General Equilibrium studies underway at the time at PSSP's First Annual Conference in December 2012. The CGE working group met throughout this quarter to discuss their studies. PSSP also finalized two studies on Cereals production as Working Papers 005 and 006 in October 2012.

POVERTY REDUCTION AND SOCIAL SAFETY NETS

PSSP researchers presented their studies on the Pakistan Rural Household Panel Survey (RHPS) Round 1 and the Tracking Survey at the First Annual Conference in December. PSSP also finalized three reports based on this survey as PSSP Working Papers 007, 008 and 009.

IMPROVED ACCESS TO AND DEMAND FOR HIGH QUALITY RESEARCH BY POLICY MAKERS, ACADEMICS AND CIVIL SOCIETY ORGANIZATIONS

The following activities support IR 2 and 3: "Improved access to, and demand for, high quality research on the part of policy-makers, academics, and other researchers"; and "Policy-making benefits to a greater degree from informed input by private sector and civil society organizations."

CAPACITY STRENGTHENING OF RESEARCHERS

Trainings and Workshops: PSSP sent two Pakistani researchers to Washington DC in October to learn international research strategies. PSSP also conducted a training session on GIS methods and a domestic studies workshop in December in Islamabad.

Competitive Grants Program: The second call for applications for the second round of CGP was made in October with a deadline of October 31. CGP Round 1 awardees continued their research and prepared to make interim presentations.

FEEDBACK AND OUTREACH

Seminars and Conferences – Sherman Robinson conducted a seminar on “Modeling Economy-Wide Impact of Water policies: Linking Water Models and Economic Models” in December. PSSP held a conference in October in Washington, DC, and another one in Islamabad in December, to present the work done in the first year of PSSP’s implementation.

Outreach and Advocacy - PSSP is linking policymakers with researchers, civil society organizations and private sector stakeholders. PSSP continued to use social media sites like Facebook and Twitter to share information on Pakistan’s economic conditions. The program website under development will extend PSSP’s penetration into the researcher community and to the general public. PSSP published six PSSP Working Papers in the first quarter of FY 2013.

POLICY ADVISORY PROGRAMS

Paul Dorosh presented an update on the Wheat Policy Reform to a number of policymakers and academics at the First Annual Conference in December.

PROGRAM ADMINISTRATION

The IFPRI-PSSP Management Team met regularly to plan program activities, especially during the First Annual Conference in December, where all senior management team members were present.

1. INTRODUCTION

Sustainable agricultural growth and economic development in Pakistan are severely constrained by the lack of policies that promote pro-poor agricultural growth, encourage private sector investment and enhance food security. Furthermore, government interference in agricultural markets creates an environment that raises transaction costs and discourages private investment. In order to promote economic growth at this critical juncture, when many public sector services were “devolved” from federal to provincial institutions under the 18th Amendment to the Constitution in April 2010, thereby changing the roles and responsibilities of these institutions, it is imperative to redefine the ways that national and provincial government institutions operate.

Strengthening agriculture-related government institutions, including at the provincial level, will increase the capacity of the GOP to provide sound leadership and decisions, enable improved dialogue with stakeholders and provide direction during this important transition.

In order to determine those policies and investments best suited to achieving agricultural growth and poverty reduction, research and knowledge sharing are essential to close existing knowledge gaps. To institutionalize and sustain the process of policy analysis and implementation, the capacity of national researchers and research organizations must be strengthened.

PSSP Purpose, Goals and Objectives

The purpose of IFPRI’s PSSP is to contribute to pro-poor economic growth and food security through strengthened national capacity to design and implement evidence-based policy reforms. The overall goal is to enhance agricultural growth and economic development through strengthened Pakistani capacity for analyzing, advocating for, and implementing evidence-based policy reforms. Improved policy decisions based on better analysis and information will create a more favorable and predictable investment climate for private enterprises, and will accelerate agricultural growth and economic development in Pakistan. PSSP objectives are to improve policy analysis and advocacy, build the capacity of selected GOP and non-government entities, institutions and individuals through knowledge sharing networks, and to increase their capacity for conducting research, analyzing information and developing sound policies.

Strategic Fit with Government of Pakistan Objectives

The GOP Poverty Reduction Strategy Paper, adopted in 2003 and reaffirmed in 2008, prioritizes the development of the agricultural sector as a way to alleviate poverty, increase incomes and create a vibrant rural economy. It emphasizes agriculture as the key source of job creation in predominantly rural districts and recognizes its potential as a catalyst for growth in the economy as a whole.

The Planning Commission’s new Framework for Economic Growth, approved by Pakistan’s National Economic Council, outlines policy and regulatory reform measures that will enable market signals to drive economic decisions in all sectors, including agriculture. The new Framework emphasizes quality governance, vibrant markets, enhanced quality of life, energetic youth and communities, and creative cities.

More specifically, it calls on Pakistan to shift from a growth strategy based on specific development projects and special incentives provided to particular industries, to a broader strategy targeting, among other sources of economic growth: increased productivity; competitive markets; international trade and openness; innovation and entrepreneurship;

and improved public service delivery. The Planning Commission asked the US government for IFPRI's assistance in developing a medium-term policy strategy support program.

IFPRI's PSSP is a four-year, country-led, countrywide program covering a range of economic policies affecting economic growth and food security. PSSP objectives are consistent with the Framework for Economic Growth, particularly in the areas of quality governance, vibrant markets, and enhancement of key sources of growth through governance and institutional innovations and reform.

PSSP is guided by a National Advisory Committee (NAC) chaired by the Planning Commission, with representation from USAID and the Secretariat of Economic Affairs. PSSP reviews its policy advisory activities with the NAC to inform and assist in the implementation of the Framework for Economic Growth and related policy reforms.

Strategic Fit with USAID Objectives

USAID's Economic Growth Strategy, which incorporates agriculture, was approved by the Pakistan Mission and by Washington in February 2011. PSSP is the first of two components of USAID's "Pakistan Policy, Science and Innovation Program for Agriculture." The other component is "Promoting Science and Innovation in Agriculture in Pakistan," which has evolved into the "Agricultural Innovation Project."

Expected Results as reflected in the Performance Management Plan

Effective policymaking requires timely, evidence-based analysis that is available to key government decision makers. To make the process of policy analysis, implementation and monitoring more effective and sustainable, PSSP is designed to enhance the capacity of analysts and researchers in government institutions, academia and the private sector, and to increase stakeholder participation in policy development. Moreover, widespread stakeholder participation in policy debates favors policy reform and implementation, so PSSP is designed for information dissemination and outreach activities that identify the needs of target constituencies, address their priorities, provide evidence-based research results and promote public dialogue. This vision is summarized in the following Development Objective:

Development Objective: The overall objective of PSSP is to inform agricultural and economic policy formulation through research, analysis, and public discussion. The main indicator for success of this objective is to utilize research, networks, and private sector and civil society participation in the policy process.

The Development Objective will be met by addressing three intermediate results, as described below.

Outcome 1 (IR 1): IFPRI is increasing and improving research in PSSP's four areas of emphasis, with much of the research being collaborative with local institutions and academics. The relevant indicator for success is the number of papers completed and published by PSSP supported staff, academics and institutions, including PSSP and IFPRI discussion papers, book chapters and journal articles. Our efforts here (IR 1.1) are designed to strengthen local capacity by creating opportunities for research through commissioned research projects and the Competitive Grants Program (CGP). PSSP measures the success of CGP and other collaborative research efforts by the number of grants contracted to individuals, and the number of results published from the research conducted.

Outcome 2 (IR 2): PSSP is creating improved access to, and demand for, high quality research on the part of policy-makers, academics, and other researchers by disseminating

research results and providing public forums to increase discussion on policy change geared toward pro-poor growth. Two sub IRs (IRs 2.1 and 2.2) support this outcome. First, PSSP will create networks by signing MOUs with local organizations and by tracking the number of collaborative trainings, meetings and dissemination events hosted by or held on site by a local institution working with the project (IR 2.1). A second output or sub IR (IR 2.2) is “increased provision of timely, demand-driven policy analysis and advice to policy-makers and other key stakeholders.” This output will be evaluated by tracking Policy Notes developed on major questions relating to the four main research areas of the project, the explicit analyses of policies that have potential to be revised, and large scale surveys made available to local researchers.

Outcome 3 (IR 3): The third outcome of PSSP involves improving policy-making through providing informed input by private sector and civil society organizations. This is accomplished through the development of a website and blog in addition to disseminating results through journals and other media outlets. PSSP will track the number of “hits” on each media outlet as well as attendance at conferences and policy related workshops. PSSP will also engage in discussions of policies that can be adjusted in either design, or that require passage, or that need better implementation. In one Sub IR (IR 3.1), PSSP will track research results given to private sector and civil society organizations through public forums and meetings to increase discussion on policy change geared toward pro-poor growth.

Additionally, two **cross-cutting training activities** are tracked. PSSP undertakes training projects that contribute to the achievement of all three IRs, that of training academics, researchers and local government officials in various aspects of research. Success is measured by the number of trainings given, along with the number of individuals trained.

Organization of the Report

This report covers the period October 2012 – December 2012, which was the first quarter of FY2013. The introduction section above describes PSSP’s goals and objectives, and their consistency with GOP and USG development strategies. Table 1 below lists the activities completed in Quarter 1 of FY 2013 that fall under IRs 1, 2, 3 and the cross-cutting activities that are included in the current Results Framework. The activities in progress are shaded blue in the appropriate boxes. The “x” represents an accomplishment, such as a paper completed, or presented or an event held, as explained in detail in Part 2. An extra column for activities that are continuing into Quarter 2 of FY 2013 is also added in these tables. Part 2 summarizes the activities conducted during Quarter 1 FY 2013. Part 3 discusses the reasons why some activities originally scheduled for this reporting period were rescheduled to later quarters.

Note: The indicators that permit PSSP to determine actual progress that PSSP makes towards our outcomes are listed in the Gantt chart, and the activities reported in parts 2 and 3 are organized by indicator.

Table 1 – PSSP Activity Summary – Quarter 1, FY 2013

RESULTS FRAMEWORK		FY 2013				
DO:	Agricultural and Economic Policy Formulation Better Informed by Research Analysis and Public Discussion	FY2012	Oct	Nov	Dec	Q2
<i>Indic 1.</i>	Number of policies, regulations and administrative procedures reviewed and advocated					
<i>Indic 2.</i>	Aggregate index of production distribution, access to, and use of research produced as a result of USG assistance					
	All activities below count towards achieving Indic. 1 & 2					
IR 1:	Increased and Improved Agricultural and Economic Policy Research					
<i>Indic 3.</i>	Index capturing production of published studies or conference presentations given as a result of USG assistance					
	All activities under IR 1 count towards Indic. 3					
	PSSP STAFF AND COLLABORATIVE RESEARCH					
	Agricultural Production					
	Science and Innovation in Agriculture Proposal				X	
	PARC Strategic Review (External Evaluation)		X			
	Economic Analysis of Biotechnology					
	Biotechnology Regulation				X	
	High Value Agricultural Crops-Analysis of Methods				X	
	Water Management and Irrigation					
	RHPS Round 1.5 (Data entered)				X	
	Water Efficiency Conditions					
	Water Management				X	
	Effects of Climate Change				X	
	Macroeconomics, Markets and Trade					
	CGE Studies (4 presented)				X	
	Cereal Studies (2 published)				X	
	Poverty Dynamics and Social Safety Nets					
	Tracking Survey				X	
	RHPS Round 1 (3 studies published, 2 presentations)				X	
IR 1.1	Increased capacity building opportunities for researchers and analysts					
<i>Indic 4.</i>	Number of new, USG-funded awards to institutions/individuals in support of research					
	COMPETITIVE GRANTS PROGRAM RESEARCH					
	CGP Round 1 Update - 18 grants					
	CGP Round 2 Call for Applications - 55 shortlisted					
	COMMISSIONED RESEARCH					
	Domestic Studies Workshop - 3 possible studies				X	
IR 2:	Improved Access to and Demand for, High Quality Research on the Part of the Policy Makers, Academics, and other Researchers					
<i>Indic 5.</i>	Index capturing access to and usage of applied economic research by policy makers and related stakeholders					
	All activities under IR 2 count towards Indic. 5					
IR 2.1	Networks of Agricultural and Economic Research Organizations and Universities Established and Operating					
<i>Indic 6.</i>	Number of MOUs signed with competitively selected economic research networks					
	RESEARCH NETWORKS					
	MOUs Update					

Table 1 – PSSP Activity Summary - Quarter 1, FY 2013 – continued

	FY2012	Oct	Nov	Dec	Q2
IR 2.2 Increased Provision of Timely, Demand Driven Policy Analysis and Advice to Policymakers and Other Key Stakeholders					
<i>Indic 7. Attendance of key stakeholders in PSSP meetings, conferences and trainings</i>					
SEMINARS					
Modeling Economy-Wide Impact of Water policies				X	
CONFERENCES					
October 26th Conference at IFPRI		X			
First Annual Conference				X	
MEETINGS					
Policy Makers					
Academics and Researchers					
<i>Indic 8. Number of outreach publications and policy notes from PSSP-funded research</i>					
POLICY NOTES					
Wheat Policy Reform - Paul Dorosh				X	
<i>Indic 9. Number of datasets from PSSP funded research and other data compilations made available online</i>					
DATASETS					
Aspirations Survey, RHPS Round 1, Round 1.5					
IR 3: Policy-Making Benefits to a Greater Degree from Informed Input by Private Sector and Civil Society Organizations					
<i>Indic 10. Index capturing extent to which policies are influenced by feedback from private sector/civil society stakeholders</i>					
All activities under IR 3 count towards Indic. 10					
IR 3.1 Increased Informed Input and Feedback Provided to Policymakers by Private Sector and Civil Society Stakeholders					
<i>Indic 11. Number of meetings with private sector and civil society organizations</i>					
MEETINGS					
Water Stakeholder meetings					
<i>Indic 12. Number of results reported, published, and presented for public knowledge from PSSP support and research to civil society partners</i>					
RESEARCH DISSEMINATED					
PSSP Working Papers 6-10				X	
PSSP Presentations				X	
<i>Indic 13. Number of media mentions of PSSP papers and results</i>					
MEDIA COVERAGE					
Electronic Social Media					
Media Activities					
Cross Cutting Activities :					
<i>Indic 14. Number of persons receiving training on skill development</i>					
<i>Indic 15. Number of persons receiving training on policy related topics</i>					
TRAININGS					
CGE Video Training					
International Training		X			
GIS Training				X	

2. ACTIVITIES AND ACCOMPLISHMENTS

IR 1: Increased and Improved Agricultural and Economic Policy Research

Indic. 3: Index capturing production of published studies or conference presentations given as a result of USG assistance

All research activities undertaken by PSSP, with USG assistance, which result in the production of a publication or conference presentation fall under IR 1 and contribute to indicator 3. The main research modes are PSSP staff and collaborative, CGP and commissioned research.

PSSP Staff and Collaborative Research

Research activities undertaken by PSSP research fall mainly under PSSP's four main themes: a) Agricultural Production; b) Water Management and Irrigation; c) Macroeconomics, Markets and Trade; and d) Poverty Dynamics and Social Safety Nets.

a) Agricultural Production and Productivity

Science and Innovation in Agriculture Proposal: PSSP worked with CIMMYT, ICARDA and IWMI and submitted to USAID a proposal in June 2012 to promote science and innovation in agriculture in Pakistan. The "Promoting Science and Innovation in Agriculture in Pakistan" (PSIAP) project evolved into the "Agriculture Innovations Project" (AIP) and was approved by USAID in December.

PARC Strategic Review: PSSP presented the results of the external evaluation of the PARC conducted during 2012 in a draft report presented on November 27, 2012 at a public meeting held at PARC headquarters. About 100 stakeholders attended. The report reviewed PARC's research and dissemination programs during 2001-2011, its management structure, resource allocation procedures and collaborative arrangements with provincial research programs, the International Agricultural Research System (IARS) and other international agricultural research institutions. Although its primary focus was on the roles of PARC, the assessment team also reviewed the performance of the National Agricultural Research Centre (NARC). This independent evaluation will provide guidance on redefining the PARC's post-devolution roles and procedures, and prioritizing its medium-term research program.

Economic Analysis of Biotechnology: IFPRI received and reviewed the final version of a background paper prepared in 2011-2012 by the Center of Excellence for Molecular Biology (CEMB) in Lahore. The study (A. Yasmeen, I.A. Nasir, and T. Husnain, "A report on the Status of Bt Cotton in Pakistan") examines the current and potential future constraints to Bt cotton adoption, the introduction and use of Bt cotton, and policies needed to ensure its beneficial and sustainable use. This report will be an input to (a) a review paper on Bt cotton in Pakistan to be published in early CY 2013 and (b) wider empirical work being undertaken by PSSP on Bt cotton adoption in Pakistan in 2012/13 to 2013/14.

The fieldwork and data entry for RHPS Round 1.5 for all districts were completed in November. The data cleaning was completed by mid-December and the data are ready for analysis. (See Water Management and Irrigation below)

Biotechnology Regulation: CERA, in collaboration with researchers from Pakistan, has prepared a report "An Analysis of the Development and Regulation of Agricultural

Biotechnology in Pakistan.” This report was self-published by CERA in December 2012. Its purpose is to present the context for biosafety regulation in Pakistan, including an evaluation of the investment and infrastructure currently dedicated to advanced agricultural technologies, and a review of the legal and regulatory framework present in the country. It presents the historical context for the introduction and regulation of Bt-cotton, the only GE plant to receive commercial regulatory approval in Pakistan, and it also reviews challenges facing the biosafety system. Finally, it looks at opportunities for advancing the biosafety regulatory system to improve the ability of the government and people of Pakistan to adopt technologies that will bring benefit to Pakistani agriculture while ensuring an adequate level of protection for the environment.

Some of the key findings of the report are in the box below.

Biosafety regulation in Pakistan faces many daunting challenges. It is a relatively new system, started in 2005, with the Cartagena Protocol, and there are still complex institutional issues associated with the recent devolution of responsibility to the provinces. The review identified Transparency as a major issue and noted that while Biosafety Rules and Biosafety Guidelines lay out a regulatory process, it is difficult to ascertain what decisions are being made and to find authoritative documentation of those decisions. Thus, these rulings and associated technical documentation should be made publicly available by the National Biosafety Centre at Pakistan EPA using a website, e-mail lists and other approaches.

A second area where improvements can be made is in predictability, which is valued by regulated industries because it allows for more accurate and reliable financial planning, and it supports a component of transparency engendering public trust. Predictability in the Pakistan biosafety regulations could be fostered by an elaboration of processes and procedures about the data considered when looking at environmental risks associated with the release of GE plants. This would assure stakeholders that regulatory agencies are adequately performing their role in oversight of research. A third area is related to the capacity-building necessary to build technical and regulatory capacity in the Pakistan Biosafety Framework. The major challenge for capacity building is establishing a clear understanding of how biosafety regulation differs from research under the relevant disciplines that inform environmental risk assessment, and what the scope of regulation will be.

CERA awarded six biosafety research grants in the last quarter of FY 2012. It continued to monitor the work of the competitive biosafety research grants program recipients in this quarter. The report is available on CERA’s website: http://cera-gmc.org/uploads/pub_02_2012.pdf.

Assessment of Methods Used to Analyze High Value Agricultural Crops: PSSP finalized the report “Food Value Chain Analysis: A Review of Selected Studies for Pakistan and Guidelines for Further Research” as Discussion Paper 010 in December. This paper was written by Zahoor ul Haq and PSSP will use this paper as an input towards further detailed and sector specific analysis of value chains in Pakistan.

b) Water Management and Irrigation

Rural Household Panel Survey Round 1.5: Pakistan has made significant investments in raising irrigation efficiency, but low agricultural water productivity is still one of the key issues that challenge water use sustainability and food security. RHPS 1.5 was conducted to collect data from rural farm households pertaining to the characteristics and management of agricultural plots, crop production and sale, application of inputs, cost of and income from livestock, access to extension services, perceptions about climate change and climate risk, responses to climate change and effect of usage of pesticides on health. This data collection is essentially an extension of the Pakistan Rural Household Survey (RHPS), Round 1. As such the survey was based on the same sample as used in PRHS, Round 1.

The sample size for RHPS 1.5 was 19 districts (12 in Punjab, 5 in Sindh and 2 in KP) and included only the farm households from the Round 1 survey sample. The fieldwork, data entry and cleaning for all districts was completed in December. The descriptive analysis of the data was also completed during this quarter.

Water Efficiency Conditions: In FY 2012, a review of the Irrigation Management Transfer (IMT) reforms in Punjab was initiated to measure the likely benefit from assessing the reform quantitatively. This work is being done with the Punjab Irrigation Department and a consultant, Ramchand Oad. Further work on this will be reported in quarter 2 report of FY 2013.

Water Management: PSSP is assessing the irrigation potential and management options for Satpara dam. Work on this component was ongoing in the last quarter of FY 2012 and continued into FY 2013. PSSP worked with consultant Ramchand Oad on final data issues for the modeling of Satpara and undertook a baseline survey for the Aga Khan Rural Support Program.

In 2012, PSSP collaborated with the University of Massachusetts and a WAPDA consultant to complete an assessment of shifting irrigation water to urban/industrial transfers as a result of a potential groundwater salinization of major Pakistan cities. Ghazi Alam of Cornell University presented the study “*Assessment of the impacts of water transfers to urban-industrial sectors on irrigation outcomes in the Indus Basin*” at the First Annual Conference in December.

Effects of Climate Change: Researchers presented their work on the “*Impacts of climate change on water and food security*” and “*Analysis of the impact of water management practices and climate change on the overall Pakistan economy*” at the First Annual Conference in December.

c) Macroeconomics, Markets and Trade

CGE Studies: Researchers presented draft papers of CGE studies at the First Annual Conference in December. These studies include “*Computable General Equilibrium Analysis of Electricity Subsidies: The Perspective of Pakistan*,” “*Exchange Rate Misalignment in Pakistan and its General Equilibrium Distributional Implications*,” “*Economic Impact of Agriculture Income Tax on Pakistan*” and “*Macro-economic Implications of Electricity Subsidies*.” The researchers received meaningful feedback from the participants and will incorporate these suggestions in their studies.

Cereal Studies: Two studies: “Review of Input and Output Policies for Cereals Production in Pakistan” and “Supply and Demand for Cereals in Pakistan, 2010-2030,” were finalized as PSSP Working Papers 005 and 006 in October.

d) Poverty Dynamics and Social Safety Nets

Though poverty reduction has been slow in Pakistan, there is renewed interest in strengthening social safety nets, which play an important role in raising economic growth and reducing vulnerability. To better understand the complex relationships between economic growth and poverty reduction, PSSP conducted four surveys in FY 2012, with preliminary analysis of the results completed in the first quarter of FY 2013.

Tracking Survey: A PSSP researcher presented the initial findings on this survey in a presentation titled “Population Mobility and Monsoon Anomalies in Pakistan” at the First Annual Conference in December 2012.

Rural Household Panel Survey Round 1: Researchers presented results of the data collected during the RHPS Round 1 at the First Annual Conference in December. PSSP also finalized three Working Papers that used data from this survey. The studies: “Pakistan Rural Household Panel Survey 2012 (Round 1) - Methodology and Community Characteristics,” “Pakistan Rural Household Panel Survey 2012 (Round 1) - Household Characteristics,” and “Aspirations in Rural Pakistan - An Empirical Analysis” were finalized as Working Papers 007, 008 and 009 during this quarter. Further analytical studies using the data from this survey are underway.

IR 1.1: Increased Capacity Building Opportunities for Researchers and Analysts

Indic. 4: Number of new, USG-funded awards to institutions/ individuals in support of research

The two remaining methods to give individuals and/or institutions with the capacity to undertake research on their own is done via the Competitive Grants Program and commissioned contracts. The number of research activities funded by these methods works towards fulfilling Indicator # 4.

Competitive Grants Program Research

PSSP launched the competitive grants program (CGP) in FY 2012 to provide researchers with the opportunity to conduct quality research under the guidance of professional and international expertise.

CGP Round 1: David Orden, director of capacity building of PSSP, met with the awardees of CGP Round 1 in November to review progress on the work done so far and to prepare them for Interim report presentations in February. The 18 CGP Round 1 award recipients will present their interim reports in February at a public conference.

CGP Round 2: Due to the success of CGP Round 1, PSSP decided to launch another call for applications for the competitive grants in September 2012. The deadline to submit applications for CGP Round 2 was October 31. PSSP received around 220 submissions. By the end of the quarter, the RAC reviewed all applications and shortlisted 55 proposals for further review. The second shortlisting was completed by January 2013 and 33 candidates were selected to present their proposals at the CGP Conference in February for final selection.

Commissioned Research

Domestic Studies: PSSP organized a pre-conference workshop with key stakeholders, researchers and economists from across Pakistan in December 2012. The purpose of this workshop was to identify topics of research that are relevant to Pakistan and develop linkages with Pakistani researchers to start these studies. The approach is called the PSSP Domestic Studies Program. It envisions that an international researcher teams with a senior local researcher and a set of more junior faculty members or other researchers from around the country to investigate in depth a set of important issues.

Topics of research identified during the workshop are:

- **Market Regulation in Agriculture:** Led by Mubarak Ali, Chief Executive Officer of Punjab Agricultural Research Board (PARB)
- **Industrial Clusters:** Led by Mushtaq Khan, Professor at the Lahore University of Management Sciences (LUMS)
- **Value Chains for Horticulture Crops and Livestock:** Led by Zahoor Ul Haq, Dean of Faculty of Arts at Abdul Wali Khan University

Professors, researchers and students from the following universities attended the pre-conference workshop: George Washington University, Bahauddin Zakariya University, Institute of Business Administration – Karachi, Institute of Business Administration – Sukkur, University of Sargodha, LUMS and Arid Agriculture University Rawalpindi.

IR 2: Improved Access to and Demand for, High Quality Research on the Part of the Policy Makers, Academics, and other Researchers

IR 2.1: Networks of Agricultural and Economic Research Organizations and Universities Established and Operating

Indic 6: Number of MOUs signed with competitively selected economic research networks

Research Networks

In 2011-2012, PSSP held consultations with the Higher Education Commission (HEC) and several universities on establishing a network of Knowledge Centers to provide forums for conferences, workshops and short-term courses. Four government institutions (PIDE, PERI, PARC, and AERC), and the four major agricultural universities in Punjab, Khyber Pakhtunkhwa, Sindh and Balochistan, respectively, have been invited to participate in the centers. Representatives of business, the farming community, civil society and the civil service will also participate. The first step, of signing MOUs with these institutions is still underway in the first quarter of FY 2013. Following the creation of these agreements, work plans will be developed for each Network Center. **Note:** Recently, PSSP has begun to consider using a competitive selection process to get at focused institutional relationships, which will be implemented in the summer of 2013.

Once MOUs are signed and knowledge centers are established, PSSP hopes to bring together these centers through regular contact between network representatives, video conferencing, joint development of short-term training courses and conferences, and the sharing of current international research materials from IFPRI, PSSP and other sources. Additionally, the regular interaction with the network centers will help PSSP get feedback from stakeholders and assist in policy outreach.

IR 2.2 Increased Provision of Timely, Demand Driven Policy Analysis and Advice to Policymakers and Other Key Stakeholders

Indic. 7: Attendance of key stakeholders in PSSP meetings and conferences

Seminars

PSSP organized a talk titled “Modeling Economy-Wide Impact of Water policies: Linking Water Models and Economic Models” on December 4, 2012 by the eminent scholar, Sherman Robinson of IFPRI.

Robinson is a leading expert on CGE simulation models, which have become a standard tool of analysis of trade and fiscal policy reform, regional integration, structural adjustment, and development strategies. His research interests include international trade, economic growth, agricultural and resource issues, climate change adaptation, macroeconomic policy, income distribution, and maximum-entropy econometrics applied to estimation problems in developing countries. He has published widely in international trade, growth strategies, regional integration, income distribution, empirical modeling methodologies, and agricultural economics.

Conferences

PSSP’s First Annual Conference was originally scheduled for October but was delayed due to security reasons. In lieu of this conference, IFPRI held a smaller event in Washington, DC where approximately 20 researchers participated in person and a number of others participated via video conference from Islamabad. At this event, PSSP presented research that was conducted during the first year of the project. This included presentations on household welfare, poverty dynamics, aspirations, water, wheat policy, and government subsidies. Presentations were followed by a panel discussion on Pakistan’s rural development priorities. Nadeem Ul Haque, Deputy Chairman of the Planning Commission Pakistan chaired the panel discussion. Research staff from PSSP and Innovative Development Strategies viewed the presentations and panel discussion through video conferencing technology.

PSSP held its 2-day First Annual Conference, entitled “Productivity, Growth and Poverty Reduction in Rural Pakistan” in Islamabad on December 13–14, 2012. About 200 researchers, academics and policy makers attended. Rodger Garner, Deputy Mission Director of USAID, and Ul Haque inaugurated the conference. PSSP presented the first set of Working Papers and studies done in FY 2012 at this event. The aim of this conference was to review the first year’s results of PSSP activities. The conference was designed to be a dialogue between project researchers and knowledgeable participants, with the objective of jointly exploring the best ways to provide analytical policy support and capacity strengthening over the life of PSSP.

The conference included focus group discussions on the findings of the research conducted by PSSP on Household Welfare and Poverty Dynamics, Water Management, Biosafety and Biotechnology, Development Strategy and Fiscal and Macroeconomics Policy. Researchers, policy makers, economists, faculty members and students largely attended the conference

“Energy sector is a big and pressing challenge for Pakistan because it is affecting business in the country badly. The policies framed by the country have failed to deliver and the country does not have adequate resources for research and development and consequently nothing could be done indigenously.”

Deputy Chairman Planning Commission, Dr.
Nadeem ul Haque

Business Recorder on December 14, 2012
<http://goo.gl/cZKmK>

from all across Pakistan. The 2-day conference was split up in different thematic sessions, each having a presentation on a research study followed by question and answer session.

PSSP strives to create a cooperative community of policymakers, researchers, civil society organizations and private sector stakeholders. This is achieved by incorporating stakeholders into the process of defining policy research agendas, encouraging communication across ministries, agencies and line departments, bridging the gaps between central and provincial governments, and working with civil society organizations and the private sector to encourage participation in policy formulation.

Meetings

Senior Policymakers: PSSP researchers met with policy makers such as Abdul Basit Khan, Additional Secretary, Ministry of National Food Security and Research and Zafar Mahmood, Deputy Secretary, Ministry of Water and Power during this quarter to discuss issues related to the four themes of PSSP. (See appendix)

Researchers and Academics: PSSP researchers held several meetings with the Chairman and Members of PARC, the Chairman of PARB, Government officials and academics to further the mission of identifying and conducting quality research. (See appendix)

Indic. 8: Number of outreach publications and policy notes from PSSP-funded research

Policy Notes

Paul Dorosh presented an update on the Wheat Policy Reform at the First Annual Conference. PSSP is working towards the goal of creating additional policy briefs based on PSSP research studies.

Indic 9: Number of datasets from PSSP funded research and other data compilations made available online

Datasets

PSSP has collected data for the Aspirations Survey, Tracking Survey, and RHPS Rounds 1 and 1.5 at this point. PSSP has not yet made this data available to the public.

IR 3: Policy-Making Benefits to a Greater Degree from Informed Input by Private Sector and Civil Society Organizations

Indic. 10: Index capturing extent to which policies are influenced by feedback from private sector / civil society stakeholders

This index will be formed using all the activities below.

IR 3.1 Increased Informed Input and Feedback Provided to Policymakers by Private Sector and Civil Society Stakeholders

Indic. 11: Number of meetings with private sector and civil society organizations

Meetings

During this quarter PSSP researchers met with a number of stakeholders in the water sector of Pakistan to assess the extent of the need for irrigation management reforms. (See appendix)

Indic. 12: Number of results reported, published, and presented for public knowledge from PSSP support and research to civil society partners

Research Disseminated

PSSP Working Papers: PSSP formally published six Working Papers in the first quarter of FY 2013. These publications were distributed to the participants of the First Annual Conference and are available on the PSSP blog. (<http://pssp.ifpri.info>)

Table 2 - PSSP Working Papers

Title	Authors	Institutional Affiliation
005. Supply and Demand for Cereals in Pakistan, 2010-2030	Hina Nazli, Syed Hamza Haider and Asjad Tariq	IFPRI and PSSP
006. Review of Input and Output Policies for Cereals Production in Pakistan	Abdul Salam	Federal Urdu University (FUU)
007. Pakistan Rural Household Panel Survey 2012 (Round 1) – Methodology and Community Characteristics	Hina Nazli and Syed Hamza Haider	PSSP, IFPRI
008. Pakistan Rural Household Panel Survey 2012 (Round 1) – Household Characteristics	Hina Nazli, Syed Hamza Haider, Stephanie Hausladen, Asjad Tariq, Hassan Shafiq, Saqib Shahzad, Amina Mehmood, Asma Shahzad and Edward Whitney	IFPRI, PSSP and IDS
009. Aspirations in Rural Pakistan – An Empirical Analysis	Katrina Kosec, Madeeha Hameed and Stephanie Hausladen	IFPRI
010. Food Value Chain Analysis: A Review of Selected Studies for Pakistan and Guidelines for Further Research	Zahoor ul Haq	Abdul Wali Khan University Mardan

PSSP Presentations: PSSP researchers presented the results of 16 studies at the First Annual Conference which was attended by a number of policymakers, academics and researchers. (See IR 2.2, Conferences above.) A list of the presentations is attached in the appendix.

Indic. 13: Number of media mentions of PSSP papers and results

Media Coverage

Electronic Social Media: PSSP continued to use Facebook and Twitter to share information on Pakistan’s economic conditions, with a particular focus on its four primary research priorities (agricultural production, water management, macroeconomics, and poverty). A

PSSP blog administered through IFPRI is in place and is being used to disseminate information on PSSP. A PSSP program website is still in development.

Media Activities: PSSP received media coverage on certain events and meetings below:

- The call for proposals for CGP Round 2 was advertised in *The News, Dawn* and *Jang* Newspapers in October.
- Information on the GIS training given by PSSP was highlighted in the *Business Recorder* online in December.
- The Modeling Economy-Wide Impact of Water Policies seminar by Robinson was highlighted in *The News, Nawa-e-Waqt* and *Business Recorder* in December.
- PSSP's First Annual Conference was mentioned in the newspapers: *Daily Times, Daily Ausaf, The News, Business Recorder, Pakistan Observer, Information Times, Express Tribune*, and *Pakistan Today*. It was also highlighted on the television on *ARY, Dunya News, Samaa TV, PTV News, Sohni Dharti* and *CNBC Pakistan* in December.

Cross-cutting Activities

Indic. 14: Number of persons receiving training on skill development and Indic 15: Number of persons receiving training on policy related topics

Trainings

CGE Video trainings: PSSP continued to hold workshops for the CGE team in this quarter. These workshops were led by Robinson and Dorosh during their visit to Pakistan and Dario Debowicz via video conferencing.

International Training: Amina Mehmood and Asma Shahzad, researchers from Pakistan who have Master's degree in Economics from the University of Agriculture, Faisalabad spent one month working in IFPRI in Washington, DC in October 2012. During this time they received on the job training on international research methods and were given the opportunity to interact and collaborate with international researchers.

Geographic Information Systems (GIS)

Training: PSSP organized a four day GIS training workshop for 25 researchers on December 4 – 7, 2012. The workshop provided an introductory training on GIS Using ArcGIS Desktop through which participants could learn the basic functions of GIS including: building maps, exploring attribute tables, identifying geographic features, and labeling attributes. The training also covered spatial relationships such as density, choropleth mapping, and calculations of distance and travel time, which are central to many surveys that PSSP conducts on a regular basis.

ArcGIS is a platform for designing and managing solutions through the application of geographic knowledge. It enables you to perform deeper analysis, gain a greater understanding of your data, and make more informed decisions. It also allows users to analyze geographic data to examine relationships, test predictions, and ultimately make better decisions.

The aim of this training was to enable the participants to understand how to integrate a variety of geographic and socio economic data in order to map key indicators from household surveys and census data, as well as perform basic spatial analysis techniques in order to measure and identify geographic relationships. Helina Tilahun from IFPRI – Ethiopia Strategy Support Program and Ahmad Waqas, IFPRI –PSSP jointly conducted this training.

Program Administration

The IFPRI-PSSP Management Team met regularly to plan program activities, especially during the First Annual Conference in December, where all senior management team members were present.

3. ACTIVITIES THAT WERE RESCHEDULED

This section describes activities that were planned for Q1 FY 2013, but were rescheduled to Q2 FY 2013.

IR 1: Increased and Improved Agricultural and Economic Policy Research

PARC Strategic Review

Data collection for the PARC Strategic Review began in mid-March of FY 2012. The results were summarized and a draft report was presented November 27th, 2012 to PARC at a public meeting held at PARC headquarters. PSSP finalized the PARC external evaluation report in the second quarter of FY 2013.

Water Management

A report on the water management net-mapping workshop held in Lahore and Islamabad in FY 2012 will be available in the second quarter of FY 2013.

Macroeconomics, Markets and Trade

Researchers presented the results of their CGE studies at the First Annual Conference in Islamabad in December and, after feedback, their final revisions are underway.

IR 2.1 Network(s) of Agricultural and Economic Research Organizations and Universities Established and Operating

After the PSSP Knowledge Management program strategy is defined, the establishment of Knowledge Centers will be completed. They will be linked through collaborative research projects, shared information resources, meetings, conferences, short-term training courses and the PSSP grants program. These linkages will be reinforced through visits, video conferencing and other internet-based communications.

Cross-cutting Activities

Trainings

PSSP plans to provide training to PARC scientists, managers and students at the NARC Institute on research monitoring and evaluation, and writing technical proposals, which will be initiated later in FY 2013. PSSP has provided GIS training for researchers in the first quarter of FY 2013.

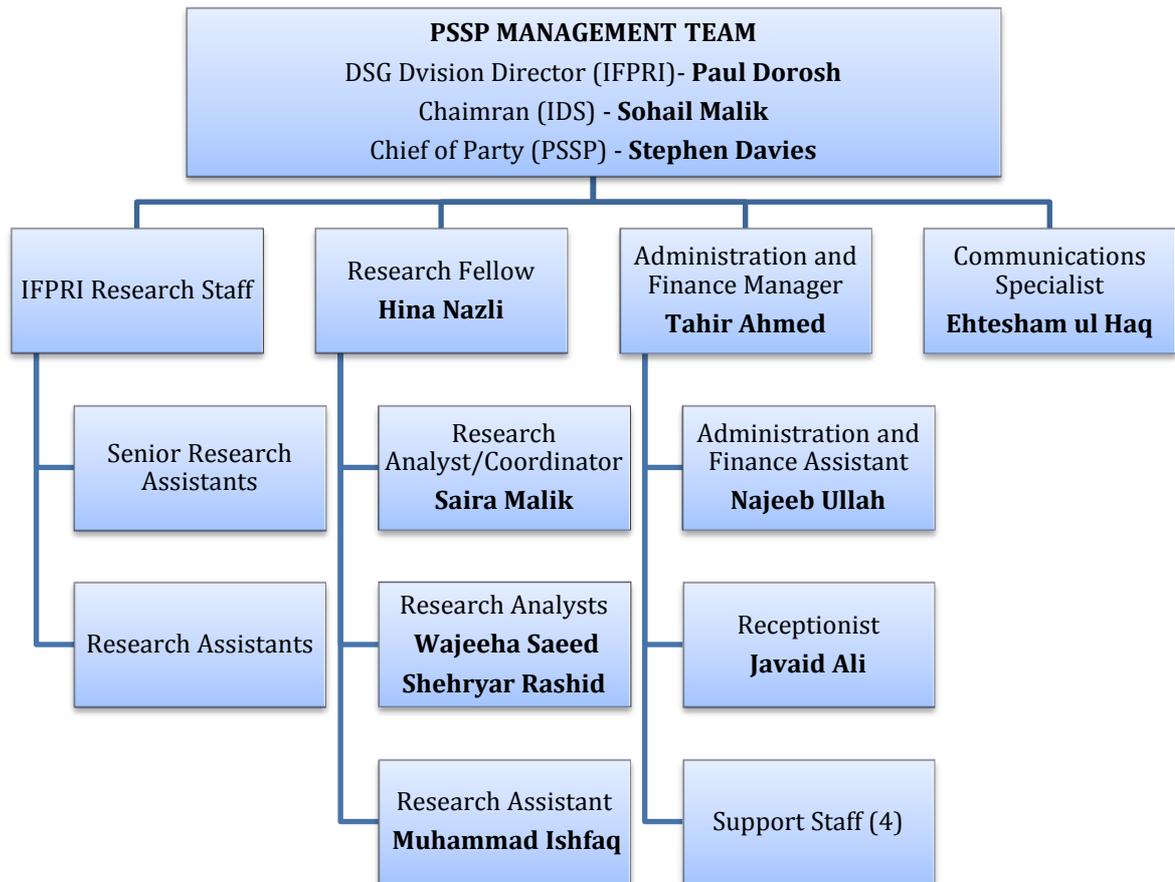
Program Administration

A four-year PMP is underway and a draft was submitted to USAID during the first quarter of FY 2013.

Appendices:

1. Organizational Chart – Pakistan Strategy Support Program
2. PSSP Events Calendar (October, November, December) Q1 -FY 2013
3. PSSP Future Events to be held (January, February, March) Q2- FY 2013
4. Official travels
5. Submissions to USAID
6. Summary of PSSP Press & Media Coverage (October, November, December)
7. Workshop Agenda – Domestic Studies
8. Conference Agenda – October 26th
9. Conference Agenda – First Annual Conference
10. GIS Training Agenda
11. PSSP Competitive Grants Program (CGP)- Call for Proposals Round 2

Appendix 1: PSSP Organizational Chart



Appendix 2: PSSP Calendar of Events (October, November, December) 2012

Proposed Date	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
October 2 - 19	Pakistan Rural Household Survey (PRHS) Round 1.5	Data collection	To collect data from the selected districts for the PRHS 1.5	Mohammad Ishfaq	Attock, Multan, Sanghar, Sargodha	N/A	No
October 13	Network of Knowledge Sharing	Meeting with Applied Economics Research Center (AERC)	To discuss draft MOU to be presented and signed with participating Pakistani universities and research institutions	Prof. Stephen Davies	Islamabad	Nuzhat Ahmed, AERC	No
October 14	Competitive Grants Program (CGP)	CGP – Call for Proposal advertisement in local and national newspapers	To widely circulate the Call for Proposal for the 2 nd round of CGP	David Orden, Ehtesham	Islamabad, Karachi, Lahore, Peshawar, Quetta,	Planning Commission (approval)	Yes
October 15 - 20	Water and Irrigation	Meeting of Ramchand Oad with AKRSP	To set up studies related to governance policies and canal commands for the Satpara Dam project	Ramchand Oad	Islamabad, Skardu	Ministry of Water and Power, WAPDA	No
October 17	Monitoring and Evaluation	USAID (EGA) M&E Working Group	To discuss the USAID Economic Growth and Agriculture (EGA) unit's	Najeeb Ullah	Islamabad	N/A	No

		Meeting	Results Framework				
October 18	Communications and Outreach	USAID Communications Working Group (CWG) Meeting	To discuss results of the opinion poll on the USAID awareness in Pakistan	Ehtesham	Islamabad	DOCs-USAID, Other USAID funded programs	No
October 22	Collaborative Research	Computable General Equilibrium (CGE) Working Group Meeting	To discuss PSSP current and future research activities and presentations by CGE at the PSSP First Annual Conference	Prof. Stephen Davies, Shehryar Rashid	PSSP office, Islamabad	PARC, PIDE, PC, PITAD	No
October 22	PARC Assessment	Meeting with Chairman Pakistan Agriculture Research Council (PARC)	To identify opportunities of collaboration between PSSP and PARC	Prof. Stephen Davies	PSSP office, Islamabad	Iftikhar Ahmad, Chairman PARC	No
October 25	Workshops and Seminars	IFPRI Workshop on Productivity, Growth, and Poverty Reduction in Rural Pakistan	To present the research conducted/supported by PSSP during the first year of the project	Paul Dorosh, Lindsey Uhrig	IFPRI Head office, Washington DC, Islamabad (Video-Con)	PC, PSSP, IFPRI	Yes
October 31	Competitive Grants Program (CGP)	Last date of Submission of Research Proposals	To invite research proposals for the 2 nd round of CGP	David Orden, Madeeha Hameed	Islamabad/ Washington DC	N/A	No
November 12 - 13	Competitive Grants Program (CGP)	Meetings with Research Grantees from 1 st round of CGP	To discuss the progress of research studies and presentations of interim reports	David Orden	Islamabad	PIDE, SDPI, University of Peshawar, University of Swat	No

November 16	Communications and Outreach	USAID Communications Working Group (CWG) Meeting	To discuss results of the opinion poll on the USAID awareness in Pakistan	Ehtesham	Islamabad	DOCs-USAID, Other USAID funded programs	No
November 17	Competitive Grants Program (CGP)	Research Advisory Committee (RAC) Meeting	To organize the evaluations of the second round of applications and make plans for February 8-10, 2013 conference	David Orden	Planning Commission (PC), Islamabad	Nadeem ul Haque, Chairman Planning Commission, RAC members	No
November 28	Collaborative Research	Meeting with International Water Management Institute (IWMI)	To discuss the proposed PSSP research study on Agent-Based Modeling on Farmers Behavior	Claudia Ringler, Andrew Bell (IFPRI), Shehryar Rashid	IWMI Lahore	Arif Anwer	No
November 29	Collaborative Research	Meeting with Punjab Irrigation and Drainage Authority (PIDA)	To discuss draft MoU for conducting research on irrigation in Punjab	Claudia Ringler, Shehryar Rashid	PIDA Office, Lahore	GM PIDA, IWMI	No
December 4	Conferences and Seminars	Modeling Economy-Wide Impact of Water policies: Linking Water Models and Economic Models	Lecture by Dr. Sherman Robinson (IFPRI)	Prof. Stephen Davies, Sherman Robinson. Arthur Gueneau	Islamabad	PIDE, PARC, SDPI, BZU, LUMS	Yes
December 4 – 7	Local Trainings	Introduction to Geographic Information Systems (GIS) Using the ArcGIS Desktop	An introductory training on using ArcGIS Desktop for	Helina Tilahun (ESSP/IFPRI), Ahmed Waqas (PSSP)	Islamabad	PIDE, PARC, UAF, IBA Sukkhar, University of Lasbela, University of Peshawar, University of Gujrat,	Yes

						Pak MET	
December 6	Collaboration with Local Research Institutions	Meeting with Director Pakistan Institute of Development Economics (PIDE)	To discuss future Research collaboration on potential studies using CGE modeling	Sherman Robinson, Arthur Guneau	Islamabad	Muslehuddin, Joint director PIDE	No
December 7 - 11	Collaborative Research	Training for Satpara Development Project Household Baseline Survey	Training of enumerators for the survey	Dr. Ramchand Oad, Mohammad Ashfaq	Skardu	AKRSP	No
December 11	Support to Government of Pakistan	Meeting with Additional Secretary, Ministry of National food Security and Research	To discuss future collaboration and extend support to the newly established ministry	Paul Dorosh, Prof. Stephen Davies, Hina Nazli	Islamabad	Abdul Basit Khan, Additional Secretary, Ministry of National Food Security and Research	No
December 11	Support to Government of Pakistan	Meeting with Deputy Secretary, Ministry of Water and Power and Director WAPDA Staff College	Present an overview of PSSP, give an update on the ongoing water usage survey and the research work PSSP is conducting on the Satpara Dam project	Paul Dorosh, Prof. Stephen Davies, Hina Nazli	Islamabad	Zafar Mehmood, Deputy Secretary, Ministry of Water and Power	No

December 11	PARC Assessment	Working Dinner with Chairman PARC and Technical Member of PARC	To discuss PARC assessment conducted by Jock Anderson and his team and the IFPRI presentations and recommendations made at the November 27 PARC-ASTI seminar	Paul Dorosh, Prof. Stephen Davies, Hina Nazli	Islamabad	Iftikhar Ahmad and PARC Technical members	No
December 12 - January 15	Collaborative Research	Satpara Development Project Household Baseline Survey	Data collection	Dr. Ramchand Oad, Mohammad Ashfaq	Skardu	AKRSP, PSSP	No
December 13 – 14	Conferences and Seminars	PSSP First Annual Conference	To review and highlight first year results from PSSP activities, hold focus discussions on the findings of the research conducted by PSSP on various program areas	Sohail Malik, Prof. Stephen Davies, Paul Dorosh, Hina Nazli	Islamabad	Nadeem ul Haque Chairman Planning Commission, USAID, PARC, PIDE, AERC, PITAD, PARB, Researchers, Faculty members, students from universities across Pakistan	Yes

Appendix 3: PSSP Planned Events (January, February, March) 2013
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Proposed Date	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
January 25	Competitive Grants Program (CGP)	Research Advisory Committee (RAC) meeting	Initial shortlisting of research proposals for CGP round II	Prof. Stephen Davies, Dr. David Orden	Lahore	Planning Commission	N/A
January 25 – February 12	Pakistan Bt Cotton Survey	Questionnaire Development	Consultations with government departments and counterparts for conducting Bt Cotton survey	David Spielman, Hina Nazli, Fatima Zaidi	Islamabad, Washington	PARC, NARC, UAF	N/A
January 28 – February 1	Local Trainings	Water Policy Modeling Workshop	Capacity building of government counterparts and researchers	Dr. Claudia Ringler, Dr. Andrew Bell, Shehryar Rashid	Faisalabad	University of Agriculture Faisalabad (UAF)	Yes
February 8 - 10	Competitive Grants Program	Second Research Competitive Grants Conference	Oral presentations of research proposals from shortlisted applicants and presentations on interim reports from CGP round I	Dr. David Orden, Prof. Stephen Davies	Islamabad	Planning Commission	Yes

Proposed Date	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
February 25	Program management	National Advisory Committee Meeting	To discuss the PSSP annual work plan and other program activities	Dr. Nadeem ul Haque, Prof. Stephen Davies	Islamabad	Planning Commission	N/A
March 6 – 13	Pakistan Bt Cotton Survey	Training of monitors and Enumerators for Pakistan Cotton Survey	To train the selected monitors and enumerators on various aspects of data collection	David Spielman, Hina Nazli, Fatima Zaidi	Faisalabad	PARC, NARC, UAF	Yes
March 21 – Apr 5	Pakistan Rural Household Survey round 2.0	Training of monitors and enumerators for Pakistan Rural Household Survey round 2.0	To train the selected monitors and enumerators on various aspects of data collection	Hina Nazli, Katrina Kosec, Shehryar Rashid	Islamabad	PSSP, IDS	Yes

Appendix 4: Official Travels

No.	Person(s)	Purpose	Station	Date(s)
1	Ramchand Oad	Satpara Irrigation survey/Water Survey	Islamabad, Skardu	Oct 28 – Nov 3, 2012
2	Stephen Davies	Interim COP	Islamabad	Oct 10 – Nov 5, 2012
3	David Orden	Competitive Grants Program/Research Advisory Committee (RAC) meeting	Islamabad	Nov 9 – Nov 18, 2012
4	Madeeha Hameed	Competitive Grants Program	Islamabad	Nov 24 – Dec 15, 2012
5	Helina Tilahun	GIS Training Workshop/PSSP Annual Conference	Islamabad	Nov 26 – Dec 6, 2012
6	Jock Anderson	PARC Assessment/PSSP Annual Conference	Islamabad	Nov 26 – Dec 1, 2012
7	Claudia Ringler	Water Modeling Workshop/ Water Survey/PSSP Annual Conference	Islamabad	Nov 27 – Dec 1, 2012
8	David Spielman	PSSP Annual Conference	Islamabad	Nov 27 – Dec 2, 2012
9	Gerardus Johannes Stads	PSSP Annual Conference	Islamabad	Nov 27 – Nov 30, 2012
10	Xingliang Ma	Pakistan Rural Household Survey	Islamabad	Nov 30 – Dec 6, 2012
11	Arthur Gueneau	PSSP Annual Conference	Islamabad	Nov 30 – Dec 8, 2012
12	Sherman Robinson	PSSP Annual Conference/Lectures	Islamabad	Nov 30 – Dec 8, 2012

Appendix 5: Submissions to USAID

No.	Submissions/Reports	Date(s)
1	Bi-Weekly Update	October 10, 2012
2	Bi-Weekly Update	October 29, 2012
3	Bi-Weekly Update	November 9, 2012
4	Bi-Weekly Update	November 26, 2012
5	Bi-Weekly Update	December 11,, 2012
6	Bi-Weekly Update	December 26, 2012

Appendix 6: Summary of PSSP Press & Media Coverage QTR 1, FY 2013

Sr. No	Activity/Event	Event/Coverage Date	Title of the press release/activity	Print media coverage	Electronic Media Coverage
1	Competitive Grants Program	October 14, 2012	CGP, Call for Proposals - Advertisement	<ul style="list-style-type: none"> • The News • Dawn • Jang (Urdu) 	N/A
2	GIS Training	December 5, 2012	GIS training organized by USAID-funded project	<ul style="list-style-type: none"> • Business Recorder • Online 	N/A
3	Lecture by Prof. Sherman Robinson	December 6, 2012	Linking Water Models and Economic Models	<ul style="list-style-type: none"> • The News • Business recorder • Nawa-e-Waqat • 	N/A
4	PSSP First Annual Conference	December 14, 15, 2012	U.S. Assisting Rural Pakistan Increase Productivity, Growth and Poverty Reduction	<ul style="list-style-type: none"> • Daily Times • Daily Ausaf • The News • Business recorder • Pakistan Observer • Information Times • Express Tribune • Pakistan Today 	<ul style="list-style-type: none"> • ARY • Dunya News • Sama tv • PTV News • Sohni Dharti • CNBC Pakistan

Appendix 7: Agenda – Workshop on Setting PSSP Domestic Studies and Collaborations



PAKISTAN
Strategy Support Program



Increasing Productivity and Unleashing Growth in Pakistan

Pakistan Strategy Support Program (PSSP) Presents:

Pre-Conference Workshop on Setting PSSP Domestic Studies Program and Collaboration

Islamabad

Wednesday December 12th, 2012:

9:00-10:15 Dr. Steve Davies, COP, PSSP, Dr. Paul Dorosh, Director, IFPRI, and Dr. Sohail Malik, Chairman, IDS will meet with Dr. Mubarak Ali, CEO, PARB, Dr. Mushtaq Khan, Professor, LUMS and Dr. Zahoor ul Haq, Dean Faculty of Arts, AWKU

10:15 – 10:45 – Arrival of Young Researchers followed by Welcome Remarks by Dr. Steve Davies, COP, PSSP

10:45-12:00 Introduction to the Domestic Studies Program and Breakout Sessions

Group 1: Market Regulation in Agriculture

Group 2: Industrial Clusters

Group 3: Value Chains for Horticultural Crops and livestock

1:30-2:30 Lunch

Appendix 8: Agenda – Agenda – Productivity, Growth and Poverty Reduction in Rural Pakistan, Washington Conference



PAKISTAN

Strategy Support Program



Productivity, Growth and Poverty Reduction in Rural Pakistan Pakistan Strategy Support Program (PSSP)

October 25th, 2012

Washington, DC

Wednesday, October 25th

8:00-8:45 **Registration and Breakfast**

9:00-9:45 **Inaugural Session**

- *Overview of the PSSP* - Sohail J. Malik and Paul Dorosh
- *Overview of Competitive Grants Program* - David Orden
- *The Road Ahead* - Dr. Steve Davies, Chief of Party

9:45-12:30 **Session I: Household Welfare, Poverty Dynamics and Aspirations**

- *Household Welfare and Poverty in Rural Pakistan: Highlights from the Pakistan Rural Household Survey* - Sohail J. Malik, Amina Mehmood, Asma Shahzadi, Edward Whitney, Hina Nazli, Syed Hamza Haider and Stephanie Hausladen
- *Aspirations and Rural Poverty: An Empirical Analysis* - Katrina Kosec and Hina Nazli
- *Climate Change and Population Mobility in Pakistan: Lessons from a 21 Year Longitudinal Survey* - Valerie Mueller and Katrina Kosec

12:30-1:30 **Lunch**

1:30-2:30 **Session II: Water**

- *Pakistan's Irrigation Reform: Insight into Public Perception* - Andrew Bell
- *Impact of Climate Change on Water and Food in Pakistan* - Claudia Ringler and Mohsin Iqbal

2:30-3:15 **Wheat Policy and Government Subsidies** - Paul Dorosh and Sherman Robinson

3:15-3:45 **Break**

3:45 – 5:00 **Panel Discussion: Pakistan Rural Development Priorities**

Chairperson: Nadeem Ul Haque, Planning Commission of Pakistan

Panel Members: USAID Representative, David Orden, David Spielman and Sohail J. Malik

Appendix 9: Agenda – Pakistan Strategy Support Program (PSSP) First Annual Conference



PAKISTAN

Strategy Support Program



Productivity, Growth and Poverty Reduction in Rural Pakistan

The Pakistan Strategy Support Program (PSSP) First Annual Conference

Islamabad

Thursday December 13th, 2012

- | | |
|-------------|---|
| 8:00-8:45 | Registration |
| 9:00-10:30 | Inaugural Session
Chairperson: Nadeem ul Haque, Deputy Chairman, Planning Commission of Pakistan and Chairman, PSSP National Advisory Committee
Presentations: <ul style="list-style-type: none">❖ Overview of the PSSP and Discussion of Major Imperatives for Economic Research, Sohail J. Malik, Chairman, Innovative Development Strategies (Pvt) Ltd. and Senior Advisor, PSSP❖ Vision of the Road Ahead, Steve Davies, Chief of Party, PSSP❖ Support for Promoting Growth and Reducing Poverty in Pakistan, Rodger Garner, Deputy Mission Director, USAID Pakistan❖ Emerging Policy Issues in Pakistan, Nadeem Ul Haque, Deputy Chairman, Planning Commission |
| 10:30-11:00 | Tea |
| 11:00-1:00 | Session I: Aspirations
Moderator: Paul Dorosh, Division Director, IFPRI
Co-Moderator: Nuzhat Ahmed, Director, Applied Economic Research Center (AERC) <ul style="list-style-type: none">❖ Aspirations in Rural Pakistan: An Empirical Analysis, Katrina Kosec and Madeeha Hameed, IFPRI❖ Population Mobility and Monsoon Anomalies in Pakistan, Valerie Mueller and Katrina Kosec, IFPRI |
| 1:00-2:00 | Lunch |

- 2:00-3:30 **Session II: Rural Household Welfare**
Moderator: Abdul Basit Khan, Additional Secretary, Ministry of National Food Security and Research
Co-Moderator: Randy Chester, Deputy Office Chief Agriculture, USAID
- ❖ **Pakistan Rural Household Survey: Overview and Highlights**, Hina Nazli, PSSP
 - ❖ **Consumer Price Movements: Implications for Welfare**, Sohail J. Malik, IDS (Pvt) Ltd.
- 3:30-4:00 Tea
- 4:00-6:00 **Session III: Roles of Public and Private Investment in Agricultural Research in Pakistan**
Moderator: Iftikhar Ahmad, Chairman, Pakistan Agricultural Research Council
Co-Moderator: Michael Wyzan, Agricultural Economics Officer, USAID
- ❖ **Recent Developments in Agricultural Research in Pakistan – ASTI**, Muhammad Sharif, Director General, NARC
 - ❖ **Video Presentations from the November 27th Meeting at PARC** Recent Trends in Private-Sector R&D in Pakistan, Anwar Naseem, McGill University
- 6:00 Dinner

Friday December 14th, 2012

- 8:00-8:45 **Registration**
- 9:00-11:00 **Session IV: Development Strategy**
Moderator: Nadeem Ul Haque, Deputy Chairman, Planning Commission
Co-Moderator: Geoffrey Minott, Deputy Economic Growth and Agriculture, USAID
- ❖ **Exchange Rate Misalignment in Pakistan and its General Equilibrium Distributional Implications**, Wajiha Saeed, PSSP and Dario Debowicz, IFPRI
 - ❖ **Rural Urban Transformation in Pakistan: A Spatial Analysis of Urbanization and Market Access from 1965 – 2010**, Ahmed Waqas, PSSP, Helina Tilahun, ESSP and Emily Schmidt, IFPRI
 - ❖ **Pakistan Wheat Procurement Policy Reform**, Paul Dorosh, IFPRI
- 11:00-11:30 Tea
- 11:30-1:30 **Session V: Fiscal and Macro Economic Policy**
Moderator: Rashid Aziz, Senior Energy Specialist, World Bank
Co-Moderator: Steve Davies, PSSP-IFPRI
- ❖ **Economic Impact of Agriculture Income Tax on Pakistan**, Shehryar Rashid, PSSP
 - ❖ **Computable General Equilibrium Analysis of Electricity Subsidies: The Perspective of Pakistan**, Haroon Sarwar, Planning Commission, Ghulam Samad and Naseem Akhtar PIDE

- ❖ **Macro-economic Implications of Electricity Subsidies**, Dario Debowicz, Paul Dorosh and Angga Pradesha, IFPRI
 - ❖ **A New Keynesian Model for the Analysis of Energy Shocks in Pakistan**, Dario Debowicz and Alejandro Quijada, IFPRI
- 1:30-2:30 **Lunch**
- 2:30-4:00 **Session VI: Water**
Moderator: Mubarik Ali, CEO, Punjab Agricultural Research Board (PARB)
Co-Moderator: Arif Anwar, Senior Adviser and Director, International Water Management Institute (IWMI)
- ❖ **Recommendations of the Water Taskforce**, Steve Davies, PSSP
 - ❖ **Climate Change Impacts on Food and Water in Pakistan**, Mohsin Iqbal, Global Change Impact Studies Centre (GCISC) and Andrew Bell, IFPRI
 - ❖ **Assessment of Impacts of Water Transfers to Urban-Industrial Sectors on Irrigation Outcomes in the Indus Basin**, Ghazi Alam, National Engineering Services Pakistan (PVT) Limited
 - ❖ **Country-Wide Water-Economy Links: An Integrated Modeling Approach with Application to Pakistan**, Sherman Robinson, IFPRI and Arthur Gueneau, IFPRI
- 4:00-4:30 **Tea**
- 4:30-6:00 **Session VII: Mainstreaming Research into Policy Reform**
Chairperson: Nadeem Ul Haque, Deputy Chairman, Planning Commission of Pakistan
Panelists:
- ❖ **Sarfraz Qureshi**, Former President, Pakistan Society of Development Economists (PSDE) and Former Director, Pakistan Institute Development Economics (PIDE)
 - ❖ **Sohail J. Malik**, Chairman, Innovative Development Strategies (Pvt) Ltd.
 - ❖ **Michael Wyzan**, Agricultural Economics Officer, USAID
 - ❖ **Abdul Salam**, Former Chairman, Agriculture Prices Commission of Pakistan and Professor, Federal Urdu University, Islamabad

Appendix 10: Agenda – Introduction to Geographic Information Systems (GIS) Using the ArcGIS Desktop



PAKISTAN

Strategy Support Program



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Introduction to Geographic Information Systems (GIS) Using the ArcGIS Desktop

Instructors: Helina Tilahun, IFPRI – Ethiopia Strategy Support Program (ESSP) and
Ahmad Waqas, IFPRI – Pakistan Strategy Support Program (PSSP)

December 4-7, 2012

Inaugural Session: December 4, 2012

08:30 a.m.	Registration
09:00 a.m.	Recitation from the Holy Quran
09:05 a.m.	Welcome Remarks - <i>Dr. Hina Nazli – PSSP</i>
09:10 a.m.	Introduction to the GIS Training - <i>Dr. Stephen Davies, COP – PSSP</i> (Stand by: <i>Dr. Sohail Malik</i>)

DAY ONE: December 4, 2012

09:20-10:30	The Principles of GIS <ul style="list-style-type: none">• Basic functions of GIS; Real-world applications• Building maps and layering shapefiles• Exploring attribute tables; Identifying features; Symbolizing features based on their attributes; Labeling features based on their attributes.• Understanding data view and layout view; Using the Layout toolbar.
10:30-10:45	Tea break
10:45-11:30	Acquiring geographic data <ul style="list-style-type: none">• Using ArcCatalog to explore geographic data; data format; metadata• GIS resources at IFPRI and on the internet
11:30-13:00	Exploring spatial relationships using choropleth mapping <ul style="list-style-type: none">• Spatial relationships: Infrastructure and population density / count

- Building a map with multiple data frames
- 13:00-14:00 Lunch
- 14:00-15:00 **Manipulating attribute tables in ArcGIS**
- Aggregating data by geographic administrative unit
 - Summary statistics
- 15:00-15:45 **Introduction to projections**
- Understanding projections and preserving specific geographic measurements
 - Pakistan projections
- 15:45-16:00 Tea break
- 16:00-17:30 **Exploring and utilizing georeferenced data**
- Projections and projecting data
 - Integrating GPS data from the field

DAY TWO: December 5, 2012

- 9:00 – 11:00 **Spatial Data Integration and Data query**
- Merging georeferenced census and HHS data into Arc-GIS
 - Thematic mapping
 - Understanding and performing attribute queries
- 11:00-11:15 Tea break
- 11:15-13:00 **Spatial Data Integration and Data query**
- Understanding and performing spatial queries.
 - Basic spatial statistics
- 13:00-14:00 Lunch
- 14:00-15:00 **Spatial Measurements and Statistics**
- Calculating Euclidean distance using Spatial join
 - Calculating and querying travel time data using Sample and Zonal Statistics
- 15:00-15:15 Tea Break
- 15:15-16:45 **Spatial Measurements and Statistics**
- Buffering areas to extract / include specific area calculations
 - Basic area statistics based on buffered zones
 - Travel time calculations and analysis
- 16:45-17:30 **Basics of GPS**
- GPS settings and data collection using GPS
 - Waypoint Marking (point data)
 - Setup GPS for tracking (lines and polygons) data collection

DAY THREE: December 6, 2012

- 09:00-10:30 **Practical - Data collection using GPS**
- 10:30-10:45 Tea break
- 10:45-12:15 **Downloading GPS data using DNR Garmin**
- DNR Garmin configuration
 - Downloading and saving GPS point data (waypoints)
 - Downloading tracking or lines and area (polygon) from GPS
- 12:15-13:00 **Presentation of GIS applications in Urbanization Analysis**
- Waqas Ahmad and Helina Tilahun, IFPRI (PSSP and ESSP)
- 13:00-14:00 Lunch
- 14:00-15:00 **Geodatabase basics**
- Creating and adding GIS data into Geodatabase
 - Updating shapefile
 - Updating attribute table
- 15:00-15:45 **Group mini-project**
- 15:45-16:00 Tea break
- 16:00-17:30 **Group mini-project**

DAY FOUR: December 7, 2012

- 09:00-09:30 **Presentation of GIS applications in Water Resources**
- Dr. M. Jahanzeb Masud Cheema, Department of Irrigation and Drainage, University of Agriculture Faisalabad, Pakistan.
- 09:30-11:00 **Presentation of mini-project**
- 11:00-11:15 Tea break
- 11:15- 12:25 **Evaluations**

Closing Session

- 12:30 p.m. Recitation from the Holy Quran
- 12:35 p.m. Chief Guest's Address - *Dr. Muhammad Shareef – DG, NARC*
- 12:40 p.m. Remarks by USAID Representative - *Dr. Michael Wyzan – EGA/USAID*
- 12:45 p.m. Distribution of Certificates - *Dr. Michael Wyzan – EGA/USAID – Pakistan*
- 12:55 p.m. Closing Remarks - *Dr. Stephen Davies, COP – PSSP*
(Stand by: Dr. Sohail Malik)
- 13:00 p.m. Lunch

**Appendix 11: Call for Proposals: Competitive Grants Program (CGP) -
Round 2**

Competitive Grants Program

Call for Applications

Proposals due 31 October 2012

(Call for Applications circulated 10 August 2012)

Research to Support the Framework for Economic Growth of Pakistan

In May 2011 the National Economic Council of Pakistan adopted a new *Framework for Economic Growth* recommended by Deputy Chairman Dr. Nadeem Ul Haque and the Planning Commission. The new Framework aims at fostering sustained higher growth and enhanced quality of life through improved governance, vibrant markets, creative and connected cities, and energetic youth and communities. The *Framework* calls for Pakistan to adopt an ongoing process of reform to improve public service delivery, foster economic competition and international trade, enhance innovation and entrepreneurship, increase youth employment, and raise labor and total economic productivity.

In July 2011, with the support of the Planning Commission, the International Food Policy Research Institute (IFPRI), in collaboration with Innovative Development Strategies (Pvt.) Ltd., launched the Pakistan Strategy Support Program (PSSP). The PSSP is funded by the United States Agency for International Development (USAID) and guided by a National Advisory Committee chaired by Dr. Nadeem Ul Haque. The PSSP has a focus on agriculture and the rural economy with an overall agenda that supports the *Framework for Economic Growth*.

Fostering innovation within the academic and policy-oriented research communities of Pakistan is vital to the new growth strategy. Under the leadership of Dr. Nadeem Ul Haque, the PSSP joins with the Planning Commission of Pakistan to announce this second Call for Applications for Research Competitive Grants. The Competitive Grants Program is guided by a Research Advisory Committee (RAC) comprised of fourteen senior Pakistani and international economic development scholars. Under the first grants program, 22 awards were announced 6 June 2012 with total funding of \$490,000 for the first year of the projects.

Program Description

Eligible Research

Proposals are sought for economic and other social science research that identifies key policy decisions that will support the new growth strategy; assesses empirically the impacts of those decisions; evaluates constraints to policy reform; and examines alternative policy recommendations to enhance their impact. This is a broad-based call for proposals across the four thematic areas of the *Framework for Economic Growth*.

Specifically, the proposals should be in conformity with reform ideas envisaged in the *Framework*. The intent is that the research will deepen knowledge of the *Framework* issues at the local and the national levels. Some of the themes that can be addressed are as follows:

Quality Governance

- Measurement of public service delivery
- Civil service reform: compensation, human resource management, management, training and talent retention, skill needs and availability
- Local governance and its impact on development
- Efficacy of government market regulation
- Size and role of government and its impact on investment
- Management and performance of public sector enterprises to lessen the drain on the economy
- Financial and management structure
- Causes of losses and performance failures
- Alternative management structures and avenues for privatization and public-private partnerships

Vibrant Markets

- Assessing the state of market competition, including issues of cartelization, entry barriers and regulatory capture
- Assessing openness, including protection policy and its impact
- State of entrepreneurship
- State of labor markets
- Financial market development and competition
- Cost of doing business, market entry and entrepreneurship in local areas
- Property rights and the state of land and real estate markets
- Technology and productivity: sources of growth generation and impacts on agriculture, manufacturing and large-scale services

Creative Cities

- Assessing urban development using international yardsticks to develop new data bases (density, high rise, mixed use and walkability of city centers are considered desirable)
- The economy of cities
- Urban output and productivity
- Identity and comparative advantage

- Dispersed urbanization and growth or rural towns
- Demand for city services and the quality of supply (e.g. is there an excess demand for retail, office space or community space and why does it persist?)
- State of the urban construction industry to understand constraints to growth
- Administration and regulation from the point of view of growth--exit voice loyalty
- Government control of prime urban space and its ramifications for growth
- Public transport: issues in demand and supply
- Connectivity of cities to globalization

Youth and Community

- The state of the community
- Youth entrepreneurship and employment
- Income and wealth distribution and the sustainability of economic growth
- Local action, NGOs and community associations
- Education facilities as public spaces
- Current state and policy on public spaces for youth and the excluded: town squares, community centers, libraries, internet access
- Understanding youth needs and opportunities

Categories of Grants

The second PSSP Competitive Grants Program offers two categories of grants:

Small Grants: For project to be completed within one year, grants up to US\$20,000

Large Grants: For projects of one or two years duration, grants up to US\$50,000 per year

An applicant's choice of which grant size to apply for and their proposed budget should be commensurate with the scale of the proposed research. As with the first set of grants awarded (6 June 2012), the RAC may initially fund two-year projects for their first year only, with extension of funding dependent upon progress of the project.

Applicant Qualifications

Proposals are solicited from faculty members and staff at national and provincial universities and research institutes within Pakistan. Proposals are also solicited from scholars at foreign universities and research institutes with interest in the economic growth and policy issues of Pakistan. Proposals are encouraged that support Pakistani graduate students enrolled in Ph.D. and thesis-based master's degree programs at Pakistani and foreign universities. Special consideration will be given to proposals from institutions located in disadvantaged areas of Pakistan.

Proposals from each of the three groups of applicants will be evaluated in separate competitive categories. Outstanding proposals from each category are anticipated to be funded. Proposals may be submitted by individual applicants or by teams of up to four co-investigators. Collaborative proposals by teams based at multiple institutions are encouraged.

Application Guidelines

Elements of the Grant Application

English is the language used in the PSSP Competitive Grants Program. Applications must include the following:

- Attached Application Cover Sheet (one for each Principal Investigator)
- Title Page, Abstract (up to 250 words), and Table of Contents
- Description of the proposed research including a problem statement; brief review of relevant existing studies (no more than 2 pages); hypotheses maintained and to be tested; proposed technical approach to the research; sources of data; potential pitfalls facing the analysis; anticipated uses of the results; policy implications and potential beneficiaries; and list of references. This body of the proposal must not exceed 12 single-spaced pages with size 12 type font.
- For applicants who are faculty members and research staff, a curriculum vita for each Principal Investigator
- For applications for which a substantial portion of requested funds will be used to support a graduate student, (i) an official transcript of graduate coursework completed and list of planned additional course enrollment, and (ii) a letter of recommendation from the applicant's principal advisor (to maintain confidentiality, the letter of recommendation may be submitted to PSSP by the 31 October 2012 deadline but separately from the other application materials)
- Timeline for achieving each phase of the research
- Budget indicating proposed expenditures and a brief explanation of each cost. Budget may include such items as direct salary and fringe benefit costs for Principal Investigators, research assistants, or graduate students; graduate student tuition; data acquisition or collection including field surveys; travel (including for study leave abroad, presentation of the research, or other relevant purposes); and equipment. Institutional overhead is limited to 15 percent of the total project cost. The budget explanation should indicate any additional funding available or expected to be received in support of the proposed research. However, cost-sharing is not required for PSSP competitive grants.

Submission Process and Deadline

Applications must be submitted electronically to IFPRI-PSSPGrants@cgiar.org. Complete applications will be acknowledged by return email within 14 days of submission.

Applications are due 31 October 2012 by midnight Pakistan Standard Time (PST). Incomplete applications and applications received after this deadline will not be considered.

Operation of the Competitive Grants Program

Selection Criteria and Process

All complete grant applications will be reviewed by a scholarly review panel composed of members of the RAC. Proposals will be evaluated on the basis of importance of the topic and relevance to the challenges identified in the *Framework for Economic Growth*; cohesion and creativity of the proposed research; technical feasibility of the proposed analysis; and qualifications of the Principal Investigator(s) for undertaking the proposed study. Equal weight will be given to each criterion.

Top-ranked proposals will be invited for oral presentation (in person or by video) before the review panel at a workshop in Islamabad 7-10 February 2013.

Selection decision and grant awards will be announced by 28 February 2013.

Disbursement of Funds

Disbursement of funds to successful grant applicants will occur in three tranches: one upon completion of the contract for the awarded proposal; one upon acceptance by the review panel of an interim research report (due at six months); and one upon acceptance by the review panel of the project's final research report.

Contracts for the selected awards can be through an applicant's institution or on an individual basis with approval from their institution. Contracts for the awards announced in February 2013 are for projects to begin as early as 15 April 2013 and no later than 15 June 2013.

Expected Outputs and Grants Program Workshops

Grant recipients are expected to produce a research article or monograph of international peer-reviewed publication quality. Interim and final reports submitted to the review panel for approval of grant fund disbursements are expected to be intermediate products leading to this final published output.

The PSSP Competitive Grants Program will organize a series of annual research workshops. Grant recipients are expected to make at least one presentation of their work corresponding to their interim research report and/or a presentation corresponding to their final research report. Travel expenses for these presentations will be provided separately from the grant budgets.

The first Competitive Grants Program workshop was held 26-27 May 2012 for presentation of short-listed proposals from the first competition. The second workshop will be 7-10 February 2013. Interim reports from the awardees announced in June 2012 will be presented, along with the short-listed proposals for new projects. Members of the review panel and other invitees will participate in the workshop.

Grants Program Administration

The PSSP Competitive Grants Program is guided by its fifteen-member Research Advisory Committee chaired by Dr. Nadeem Ul Haque, Deputy Chairman of the Planning Commission. A list of the RAC members is attached.

The Competitive Grants Program is administered by the IFPRI Pakistan Strategy Support Program, which is responsible for implementation of grant selection decisions made by the RAC, disbursement of funds based on fulfillment of the grant requirements by recipients, and other operational aspects of the program.

Questions about the PSSP Competitive Grants Program

The Call for Applications for the 31 October PSSP Competitive Grants Program is available electronically on the Planning Commission web site (www.pc.gov.pk) and at www.pssp.ifpri.info. It can also be requested at IFPRI-PSSPGrants@cgiar.org.

Questions about the PSSP Competitive Grants Program may be addressed to IFPRI-PSSPGrants@cgiar.org. Questions will be answered by return email within seven days.

**Second PSSP Competitive Grants Program
Proposals due 31 October 2012**

Application Cover Sheet

___: Small Grant ___: Large Grant (1 year) ___: Large Grant (2 year)

Submit with full application to: IFPRI-PSSPGrants@cgiar.org

Principal Investigator	Authorized University Representative
Name (one sheet for each PI; lead PI should be identified)	Name
Address	Address
Email	Email
Telephone	Telephone
Proposed Budget	
Proposed Grant Start and End dates	
Statement of Intent By making this application, I verify my intent to undertake the proposed competitive grant project within the time period and budget as specified in the proposal. Type name or insert electronic signature (Formal contracts will be signed with successful applicants)	Statement of Support By endorsing this application, I verify my support for the principal investigator undertaking the proposed competitive grant project within the time period and budget as specified in the proposal. Type name or insert electronic signature



PAKISTAN Strategy Support Program



Members of the Research Advisory Committee (RAC) 2012-2013 Competitive Grants Program

Chairman and Deputy Chairman

Dr. Nadeem Ul Haque (RAC Chairman) is Deputy Chairman of the Planning Commission, Government of Pakistan. He has held positions as a Division Chief at the International Monetary Fund (IMF) and as Director of the Pakistan Institute of Development Economics (PIDE).

Dr. David Orden (RAC Deputy Chairman) is Senior Research Fellow in the Markets, Trade and Institutions Division of the International Food Policy Research Institute (IFPRI) and Professor, Virginia Polytechnic Institute and State University.

Members

Dr. Nuzhat Ahmad is Director and Research Professor at the Applied Economics Research Centre (AERC), University of Karachi.

Dr. Imran Ali is Professor of Business Policy at the Karachi School for Business and Leadership (KSBL).

Dr. Ali Cheema is an Associate Professor of Economics at the Lahore University of Management Sciences (LUMS) and Fellow of the Institute of Development and Economic Alternatives (IDEAS) and the Center of Economic Research, Pakistan (CERP).

Dr. Stephen Davies is Professor in the Department of Agricultural and Resource Economics at Colorado State University.

Dr. Akmal Hussain is Distinguished Professor of Economics at FC College University, Distinguished Professor, Beaconhouse National University, and Senior Fellow, Pakistan Institute of Development Economics.

Dr. Iqrar Ahmad Khan is Vice Chancellor and Professor of Horticulture at the University of Agriculture, Faisalabad.

Dr. Sohail Jehangir Malik is Visiting Senior Research Fellow in the Development Strategies and Governance Division of the International Food Policy Research Institute (IFPRI) and Chairman, Innovative Development Strategies (Pvt.) Ltd., Islamabad.

Dr. John Mellor is President of John Mellor Associates, Inc. He was the founding Director General of the International Food Policy Research Institute (IFPRI).

Dr. Nicholas Minot is Senior Research Fellow in the Markets, Trade and Institutions Division of the International Food Policy Research Institute (IFPRI).

Dr. Margaret McMillan is Associate Professor at Tufts University and Senior Research Fellow in the Development Strategies and Governance Division of the International Food Policy Research Institute (IFPRI).

Dr. Syed Nawab Haider Naqvi is HEC Distinguished National Professor and Director General of the Federal Urdu University of Arts, Science and Technology.

Dr. Michael Wyzan (ex officio member) is General Development Officer for the Economic Growth and Agriculture Office at USAID/Pakistan.