



**USAID**  
FROM THE AMERICAN PEOPLE

# CLIMATE CHANGE RESILIENT DEVELOPMENT

## QUARTERLY IMPLEMENTATION REPORT

JANUARY 2012 - MARCH 2012

**April 10, 2012**

This report was produced for review by the United States Agency for International Development (USAID). It was prepared by International Resources Group (IRG).



# CLIMATE CHANGE RESILIENT DEVELOPMENT

## QUARTERLY IMPLEMENTATION REPORT

JANUARY 2012 - MARCH 2012

IQC Contract No. AID-EPP-I-00-04-00024

Task Order No. AID-OAA-TO-11-00040

April 10, 2012

### **DISCLAIMER**

The author's views expressed in this publication do not necessarily reflect the views of the United States Agency for International Development or the United States Government



# TABLE OF CONTENTS

<b>ACRONYMS</b> .....	<b>V</b>
<b>A. INTRODUCTION</b> .....	<b>1</b>
<b>B. PROJECT MANAGEMENT, PLANNING, AND EVALUATION</b> .....	<b>3</b>
Task PM-1 Develop Year One Work Plan .....	3
Task PM-2 Develop and Implement Performance Management Plan .....	3
Task PM-4 Conduct Advisory Committee Meetings .....	3
Task PM-6 Develop & Disseminate CCRD Knowledge Management (KM) Products .....	3
Task PM-7 Implement Grants Under Contract Program .....	4
<b>C. OBJECTIVE 1: SUPPORT FOR USAID MISSIONS AND BUREAUS</b> .....	<b>5</b>
Task 1.1.1 Revise Vulnerability and Adaptation (V&A) Manual .....	5
Task 1.1.2 Develop Climate Briefs and Annexes .....	5
Task 1.1.3 Develop Lessons Learned on Mainstreaming Climate Adaptation .....	7
Task 1.1.4 Prepare Case Studies To Demonstrate The Mainstreaming Guidance .....	7
Task 1.2.1 Understand USAID Bureau and Mission Needs for Climate Change Adaptation Tools .....	7
Task 1.2.3 Operate the United Nations Development Programme (UNDP) Adaptation Learning Mechanism Website .....	8
Task 1.3.3 Support Development Of USAID’s Federal Agency Climate Change Adaptation Plan .....	8
<b>D. OBJECTIVE 2: COORDINATE WITH OTHER US GOVERNMENT AGENCIES TO SUPPORT MAINSTREAMING</b> .....	<b>9</b>
Task 2.1.1 Conduct Adaptation Partnership Workshops .....	9
Task 2.2.1 Form Adaptation Partnership Communities of Practice .....	10
Task 2.2.2 Develop Adaptation Partnership Materials .....	11
<b>E. OBJECTIVE 3: IDENTIFY AND RESPOND TO EMERGING ISSUES AND FILL GAPS</b> .....	<b>12</b>
Task 3.1.1 Support Preparation of National Adaptation Plans .....	12
Task 3.2.1 Design A High Mountain Glacial Watershed Program .....	12
Task 3.2.2 Develop the High Mountain Glacial Watershed Program’s Community of Practice .....	12
Task 3.2.3 Design and Conduct the Climber-Scientist Competitive Solicitation .....	12
Task 3.3.1 Design an Adaptation and Climate Services Program .....	13
Task 3.3.2 Coordinate Activities of the Climate Services Partnership .....	13
Task 3.3.3 Compile and Disseminate Current Climate Services Knowledge .....	13
Task 3.3.4 Conduct Case Studies and Assessments of Climate Services .....	13
Task 3.3.5 Economic Valuation of Climate Services .....	14
Task 3.3.6 Climate Information Guide .....	14

**F. CCRD PERFORMANCE INDICATORS AND ACHIEVEMENTS .....15**  
**ANNEX I. CCRD PERFORMANCE INDICATORS AND ACHIEVEMENTS .....16**  
**ANNEX II. FY 2012 QUARTER 2 – FINANCIAL DATA****ERROR! BOOKMARK NOT DEFINED.**

# ACRONYMS

ALM	Adaptation Learning Mechanism (website)
AREFS	Asia Regional Environmental Field Support Task Order
CCAFS	Climate Change, Agriculture and Food Security
CCRD	Climate Change Resilient Development Task Order
CEQ	Council on Environmental Quality
CGIAR	Consultative Group on International Agricultural Research
CLIN	Contract Line Item Number
COP	Chief of Party
CoP	Community of Practice
COR	Contracting Officer's Representative
COTR	Contracting Officer's Technical Representative
CSP	Climate Services Partnership
EGU	European Geosciences Union
ELI	Environmental Law Institute
DCOP	Deputy Chief of Party
DCOR	Deputy Contracting Officer's Representative
DCTT	Developing Country Task Team
DNS	Domain Name Server
EGAT	Bureau for Economic Growth, Agriculture and Trade (USAID)
E.O.	Executive Order
FCMC	Forest Carbon, Markets, and Communities Task Order
FY	Fiscal year
GCC	Global Climate Change
GUC	Grants Under Contract
HMGWP	High Mountain Glacial Watershed Program
ICCS	International Conference on Climate Services
ICF	ICF Incorporated, LLC
ICIMOD	International Centre for Integrated Mountain Development

IQC	Indefinite Quantities Contract
IRG	International Resources Group
IRI	International Research Institute for Climate and Society
IWRM	Integrated water resources management
IQC	Indefinite Quantities Contract
KM	Knowledge management
LEAD	Low-Emissions Asian Development Project
LOE	Level of Effort
M&E	Monitoring and evaluation
NAP	National Adaptation Plan
NAPA	National Adaptation Programme of Action
MPA	Marine Protected Area
NGO	Non-governmental organization
NOAA	National Oceanic and Atmospheric Administration
PMP	Performance Management Plan
POC	Point of Contact
PVO	Private volunteer organizations
RFA	Request for Applications
TMI	The Mountain Institute
UNDP	United Nations Development Programme
UNFCCC	United Nations Framework Convention on Climate Change
USAID	United States Agency for International Development
USG	U.S. Government
UT	University of Texas at Austin
V&A	Vulnerability and Adaptation
WASH	Water, sanitation and hygiene
Water II IQC	Integrated Water and Coastal Resources Management Indefinite Quantities Contract
WIO	Western Indian Ocean
WMO	World Meteorological Organization



# A. INTRODUCTION

This report summarizes the activities undertaken by the consortium led by International Resources Group (IRG) during the quarterly reporting period, January 2012 – March 2012 under the Integrated Water and Coastal Resources Management Indefinite Quantities Contract (Water II IQC) Climate Change Resilient Development (CCRD) task order. The report covers project management and implementation activities undertaken and/or completed during the reporting period. The CCRD quarterly financial report is provided as an Annex. The report is supplemented by a CD-ROM, which provides all the reports and documents prepared for this task order during the reporting period. The remaining sections are divided into four sections: 1) Project Management; 2) Objective 1 activities; 3) Objective 2 activities; and 4) Objective 3 activities.

The report includes updates on activities and tasks described in the CCRD Year One Work Plan Revised Draft:

## ***Project Management, Planning, and Evaluation:***

- Task PM-1 Develop Year One Work Plan
- Task PM-2 Develop and Implement Performance Management Plan (PMP)
- Task PM-4 Conduct Advisory Committee Meetings
- Task PM-6 Develop & Disseminate CCRD Knowledge Management (KM)
- Task PM-7 Implement Grants Under Contract Program

## ***Objective 1: Support for USAID Missions and Bureaus***

- Task 1.1.1 Revise Vulnerability and Adaptation Manual
- Task 1.1.2 Develop Climate Briefs and Annexes
- Task 1.1.3 Develop Lessons Learned on Mainstreaming Climate Adaptation
- Task 1.1.4 Prepare Case Studies to Demonstrate the Mainstreaming Guidance
- Task 1.2.1 Understand USAID Bureau and Mission Needs for Climate Change Adaptation Tools
- Task 1.2.3 Operate the United Nations Development Programme (UNDP) Adaptation Learning Mechanism Website
- Task 1.3.3 Support Development of USAID's Federal Agency Climate Change Adaptation Plan

## ***Objective 2: Coordinate with Other USG Agencies to Support Mainstreaming***

- Task 2.1.1 Conduct Adaptation Partnership Workshops
- Task 2.2.1 Facilitate Adaptation Partnership Communities of Practice (CoPs)
- Task 2.2.2 Develop Adaptation Partnership Materials

## ***Objective 3: Identify and Respond to Emerging Issues and Fill Gaps***

- Task 3.1.1 Support Preparation of National Adaptation Plans (NAPs)
- Task 3.2.1 Design a High Mountain Glacial Watershed Program
- Task 3.2.2 Develop the High Mountain Glacial Watershed Program's Community of Practice
- Task 3.2.3 Design and Conduct the Climber-Scientist Competitive Solicitation
- Task 3.3.1 Design an Adaptation and Climate Services Program
- Task 3.3.2 Coordinate Activities of the Climate Services Partnership
- Task 3.3.3 Compile and Disseminate Current Climate Services Knowledge

Task 3.3.4 Conduct Case Studies and Assessments of Climate Services

Task 3.3.5 Economic Valuation of Climate Services

Task 3.3.6 Climate Information Guide

A CD-ROM is provided with this report and contains all reports and presentations drafted and/or finalized during the 2nd Quarter of FY 2012. In addition, performance indicators and achievements for the reporting period are provided in Annex I, and financial data for the reporting period is provided in Annex II.

## B. PROJECT MANAGEMENT, PLANNING, AND EVALUATION

Project management activities during the second quarter of FY 2012 focused on revisions to the Year One Work Plan and Performance Management Plan, preparation of a draft Communications Plan, and preparation of the final version of the Grants Under Contract Manual.

### **TASK PM-1 DEVELOP YEAR ONE WORK PLAN**

During the reporting period, CCRD staff revised the Year One Work Plan to incorporate new tasks and sub-tasks related to Technical Assistance and Capacity Building Support (Activity 1.3), the High Mountain Glacial Watershed Program (Activity 3.2) and Climate Services and Adaptation Program (Activity 3.3). In addition, the timeline for existing and new tasks and sub-tasks was revised, and a budget and new level of effort chart were prepared to reflect the increased staff time required to carry out the new activities.

### **TASK PM-2 DEVELOP AND IMPLEMENT PERFORMANCE MANAGEMENT PLAN**

The CCRD COP revised the Performance Management Plan (PMP) to better align CCRD with USAID's Climate Change & Development Strategy, released in January 2012. CCRD's objectives have been linked to the Strategy's strategic objectives and intermediate results. In addition, the list of CCRD indicators had been revised. The new list includes six Standard and five Custom Indicators. The details for each indicator have also been revised to conform more closely to the GCC Indicator Handbook – Definition Sheets (updated version, February 15, 2012).

### **TASK PM-4 CONDUCT ADVISORY COMMITTEE MEETINGS**

The inaugural Senior Advisory Committee Meeting was held on January 4, 2012 at IRG. Six senior advisors joined five staff from USAID and the CCRD COP and DCOP for the all-day meeting that focused on the presentation and discussion of the draft revised work plan and discussions of new activities related to climate services and high mountain glacial watersheds.

### **TASK PM-6 DEVELOP & DISSEMINATE CCRD KNOWLEDGE MANAGEMENT (KM) PRODUCTS**

During the second quarter, CCRD made progress on two separate web activities (note that progress on operating the UNDP's Adaptation Learning Mechanism (ALM) website is detailed under Objective 1, Task 1.2.3):

- 1) CCRD finalized the “wire frames” for the climate change web pages’ template and received approval of them from USAID in January. However, USAID approval to proceed with the actual web page development was not received until mid-March. Further, USAID requested that IRG begin with development of the Adaptation Partnership (AP) website and, at minimum, to stand up the AP's blog function so that the site could be used in preparations for a new glacier trek to Nepal under CCRD's High Mountain Glacial Watershed Program (HMGWP). Once the Adaptation Partnership website is turned on, the same template will be used to develop the AREFS and CCRD web pages. At this time, USAID has not decided to go ahead with the overall Climate Change Initiative (CCI) portal pending a decision on what to do with the existing static HTML agency website on climate change.

- 2) CCRD began work on the redesign of the Adaptation Partnership website, [adaptationpartnership.org](http://adaptationpartnership.org). This included creating branding and wire frames for the new site, and setting up a timeline for completion of the website. This website will serve as the hub for sites for the Adaptation Partnership Communities of Practice (CoPs); CCRD held conference calls with both TMI and IRI to determine the needed functionalities for the High Mountain Glacial Watershed Program (HMGWP) and Climate Services Partnership (CSP) CoP websites. CCRD anticipates that the websites for the new Adaptation Partnership, the HMGWP CoP, and the CSP CoP will all be completed during the third quarter.

In addition, during the second quarter, CCRD created a draft Communication Plan. CCRD's Communication Plan will provide mechanisms for USAID and CCRD to effectively and efficiently communicate and share information with one another and present the project in a consistent and unified manner. It will also provide a framework for disseminating project products and results, leveraging and supporting knowledge-sharing activities and CoPs, using knowledge management to enhance and implement capacity building, and developing methods and processes for capturing and responding to stakeholder feedback, changing needs, and innovations.

## **TASK PM-7 IMPLEMENT GRANTS UNDER CONTRACT PROGRAM**

During the second quarter, CCRD finalized the Grants Under Contract (GUC) Manual to guide GUC solicitations, review, selection, award, supervision, monitoring, and reporting. The process for awarding grants will involve review of proposals by a technical review panel chaired by the COP and include the DCOP and one USAID headquarters or Mission staff person as designated by the COR for each grants solicitation. The DCOR will be provided with a decision memorandum and is required to provide consent and clearance for small grants that will be provided to local non-governmental organizations (NGOs), private volunteer organizations (PVOs), and other organizations.

During this reporting period, CCRD also began to develop a plan for the dissemination of one million dollars in small grants under the High Mountain Glacial Watershed Program (HMGWP) before the end of Year 1 (July 31, 2012). CCRD will submit the GUC Manual at the beginning of the third quarter and is preparing to hire a full-time Grants Manager. Once the GUC Manual is approved, IRG will implement the GUC Program, beginning with the HMGWP. Requests for Applications (RFAs) will be prepared in consultation with the HMGWP team and the DCOR (as needed). Until the new Grants Manager is hired, Ms. Deborah Tepley will serve as the interim Small Grants Manager and will coordinate the preparation and solicitation of RFAs, compile small grant applications, and organize the review of proposals by the technical review panel. A selection meeting will be convened to discuss applications and recommend award. A decision memo and all supporting material will be submitted to the DCOR for his approval.

Upon DCOR consent and clearance, IRG will negotiate grant agreements with recipients, supervise and monitor grants, and review recipients' final report and all deliverables specified in the grant agreement. As part of the quarterly and annual reports, IRG will provide a summary of GUC activities during the reporting period.

# C. OBJECTIVE I: SUPPORT FOR USAID MISSIONS AND BUREAUS

During the 2<sup>nd</sup> Quarter of FY 2012, CCRD worked on the climate mainstreaming guidance and supporting annexes, prepared for discussions with USAID on decision and tool typologies, prepared the first draft of a lessons learned paper on infrastructure, initiated planning for the WASH case study, and collaborated with the GCC Office on the development of USAID's Climate Change Adaptation Plan.

## **TASK I.1.1 REVISE VULNERABILITY AND ADAPTATION (V&A) MANUAL**

During the 2<sup>nd</sup> Quarter, CCRD completed an executive summary of the new guidance on vulnerability and adaptation, referred to as Programming Guidance for Climate-Resilient Development. USAID's GCC Office staff review this draft and prepared an annotated outline to guide CCRD in preparing the full version of the adaptation guidance document. CCRD has started work on the full version and expects the next draft to be completed in April 2012 for review by USAID. This version will be targeted to USAID Bureau and Mission staff and their implementing partners. A second version will be prepared for practitioners during the next reporting period.

On February 29, 2012, CCRD COP, Glen Anderson made a presentation at the National Center for Atmospheric Research in Boulder, CO on USAID's adaptation program and the new Programming Guidance for Climate-Resilient Development.

## **TASK I.1.2 DEVELOP CLIMATE BRIEFS AND ANNEXES**

CCRD staff made progress during the quarter on two climate briefs, four annexes, and a series of infrastructure factsheets. The climate briefs, the Water Annex, the infrastructure factsheets and a synthesis paper on infrastructure and climate change are expected to be completed next quarter. Work on the remaining three annexes will continue next quarter and drafts or final versions will be completed.

### **CLIMATE BRIEFS**

USAID's GCC Office has collaborated with the Global Health Bureau and the Water Team in the Bureau for Economic Growth, Agriculture to draft climate brief on health and adaptation and WASH and adaptation, respectively. CCRD formatted the briefs for production and IRI has been tasked to add a short section to each brief on the use of climate information and services in the planning and implementing adaptations related to health and WASH.

### **WATER ANNEX**

The CCRD team developed a first and began development of a second draft of the Water Annex and developed a structure for the associated Adaptation Action appendices. These activities included a structured annotated outline for the annex, CCRD internal team discussions as well as discussion with USAID staff about the new structure, revising and developing new text to generate a first draft Water Annex, reviewing that draft and refining the outline to accommodate new structural elements, and redeveloping text for the second draft of the annex. For the Adaptation Action appendices, we developed a preliminary, revised, and final list of proposed adaptation actions; revised a draft of a specific test case measure: rainwater harvesting; developed criteria for inclusion in adaptation action descriptions, developed a revised set of criteria based on the rainwater harvesting test case, generated a revised structure for the adaptation actions, wrote the 'water capture and storage' adaptation action as a test case for the revised structure, and reviewed and revised that

adaptation action description as a model appendix. Two in-person working meetings were held on the Water Annex, one at IRG offices in DC and a second at Stratus offices in Boulder, CO.

## **COASTAL AND MARINE ANNEX**

CCRD staff member Yoon Kim and IRG Consultant Maria Haws developed a draft outline for the Coastal Annex, and finalized the list of adaptation actions to be included in the Annex. Next quarter, the adaptation action write-ups and the body of the Coastal Annex will be drafted and reviewed by USAID. Comments will help to inform the development of a final draft.

## **DIFFERENTIATED VULNERABILITIES ANNEX**

CCRD met with a team that included experts on gender, vulnerable populations, and climate change from IRG, ICF, Manoff, and ELI in order to discuss the Differentiated Vulnerabilities Annex. Subsequently, this team met with Natalie Elwell from USAID's Office of Gender Equality and Women's Empowerment (GenDev) and Andre Mershon from the GCC Team for comments on the audience, purpose, and best format for this Annex. CCRD staff members Deborah Tepley, Rosamund Mische John, and Yoon Kim developed an outline for the Annex, requesting inputs from ICF and Manoff, and synchronized the outline with other V&A guidance. During the next quarter, the annotated outline will be completed and the body of the Differentiated Vulnerabilities Annex will be drafted and sent to USAID for review.

## **GOVERNANCE ANNEX**

During this quarter, ELI's Jessica Troell and Carl Bruch met at IRG with John Furlow, USAID/GCC; David Black, USAID/DCHA; Jami Montgomery, USAID/DCHA; Glen Anderson, IRG; and Deborah Tepley, IRG. This meeting was convened to discuss the scope and content of the Governance Annex. During this meeting, it was determined that the Annex would be something of a "toolkit" and would target USAID staff at HQ and mission levels to help them use DG tools in creating and implementing adaptation programs and projects. Other specific issues discussed included the scope and length of the Annex, the role of case studies, and a process for next steps. It was envisioned that this guidance would be a first step, eventually forming part of a training module for DG and GCC staff (as well as other relevant sectoral program staff, including water).

It was determined that ELI would create an initial outline for use in discussions with USAID staff from various sectors, so that staff could provide feedback on structure and content of the Annex. ELI created an initial outline, and attempted to schedule the necessary interviews with USAID staff. During the third quarter, it is anticipated that these interviews will take place, and ELI will then revise and expand the outline into an initial draft and begin to identify case studies for development.

## **INFRASTRUCTURE FACT SHEETS AND SYNTHESIS PAPER**

The purpose of this task is to develop materials for USAID mission staff that will: a) raise awareness about the potential impacts of climate change on infrastructure, b) provide basic information to missions on these impacts and the range of adaptation options available to address them, and c) promote the use of CCRD resources and technical support to help missions incorporate climate considerations into their programs and investment decisions. During this quarter, the CCRD team worked with USAID to define 11 categories of infrastructure that may be vulnerable to climate change. The team then drafted a fact sheet for one category – transportation infrastructure – for US AID review of format, content, tone, and level of information. Once revised, this fact sheet provided a template for the research team to use as they developed fact sheets for the other infrastructure types. Drafts of each fact sheet have been developed by different experts from ICF, IRG, and Stratus. These drafts are under review by the task leader.

The CCRD team is also developing a synthesis overview which will provide an introduction to climate change adaptation principles and synthesize the information that is contained in fact sheets (i.e., it will highlight the commonalities and differences among the infrastructure categories). The team prepared an outline of this synthesis, which was reviewed and approved by USAID. Drafting of the synthesis is underway.

Finally, CCRD is coordinating the development of the fact sheets, synthesis paper, and lessons learned document to ensure that they are not duplicative but provide an effective, coordinated set of materials for USAID use.

During the next quarter these materials will be completed and submitted to USAID for review. Once finalized, they will be available for the USAID conference on urban adaptation scheduled for June 2012 in Bangkok, as well as other events. They will be suitable for posting on the CCRD website and can also be produced in hard copy at CCRD's direction.

### **TASK I.1.3 DEVELOP LESSONS LEARNED ON MAINSTREAMING CLIMATE ADAPTATION**

The CCRD team began work on an infrastructure lessons learned report, which will be a model for future lessons learned activities. As part of this work, the CCRD team developed an outline of the lessons learned report for discussion with USAID. Revisions were made to the outline based on input from USAID.

The CCRD team has been working on multiple components of this work, including creating a template for the report and case studies, identification of case study examples in both the developed and developing world focused on different types of infrastructure, reviewing and drafting 2 page summaries of the case studies, developing various section of the lessons learned report., and integrating case study examples into the report text. As mentioned above, CCRD is coordinating the development of the fact sheets, synthesis paper, and lessons learned document to ensure that they are not duplicative but provide an effective, coordinated set of materials for USAID use.

During the next quarter these materials will be completed and submitted to USAID for review. They will be revised based on CCRD and USAID input and a schedule will be set for moving forward in revisions and next steps, including an infrastructure case study.

### **TASK I.1.4 PREPARE CASE STUDIES TO DEMONSTRATE THE MAINSTREAMING GUIDANCE**

USAID GCC Staffer, Jennifer Frankel-Reed, has been in discussions with USAID/Philippines on the possibility of conducting the WASH case study in Philippines. This case study would be designed to provide background analysis for an upcoming procurement. The case study would be conducted after all proposals have been received by USAID/Philippines. Two candidate regions for the case study are Iloilo on the southeast coastal region of Panay Island and Cagayan de Oro on Mindanao Island. USAID will provide terms of reference for the case study next quarter and a four-person team comprised of Jessica Troell (ELI), Joel Smith and Jason Vogel (Stratus Consulting), and Philip Brown (IRG) would travel to the Philippines at the end of June or beginning of July to conduct the case study.

### **TASK I.2.1 UNDERSTAND USAID BUREAU AND MISSION NEEDS FOR CLIMATE CHANGE ADAPTATION TOOLS**

The CCRD team developed a draft typology of climate-sensitive decisions, which will not only help to direct CCRD's future work on tools but also help to frame and develop CCRD's knowledge management and communication strategies. Parallel to the draft decision typology, the CCRD team also developed a draft typology of climate change tools. This draft typology characterizes the many different dimensions of adaptation-related tools that can help to inform the aforementioned decision making needs. The draft tool typology was tested by classifying a small sample of tools using this framework.

Feedback collected from the senior advisory committee meeting was used to direct subsequent activities, including revision of the typologies. This feedback also helped to design a work plan for next steps related to vetting the typologies and collecting information on needs at the USAID HQ level. Included in this work



plan were a timeline and a draft list of USAID HQ staff members that would be asked to participate in consultations. This work plan was reviewed by USAID and revisions were incorporated into a final version.

The CCRD team also designed a consultation process that will be used to collect information about decision-support needs within USAID HQ. It focuses on understanding (1) the diverse set of decisions and/or activities undertaken by USAID HQ staff, (2) the information that is needed for these decisions/activities, and (3) the tools that are used to support these decisions/activities. The process will help to identify any gaps in information and/or tools related to adaptation decision-making.

In the next quarter, the CCRD team will schedule and administer the consultations and draft a report of the findings.

### **TASK 1.2.3 OPERATE THE UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP) ADAPTATION LEARNING MECHANISM WEBSITE**

CCRD, USAID, and United Nations Development Programme (UNDP) held a conference call to determine how CCRD can support future development and maintenance of the UNDP's Adaptation Learning Mechanism website: [adaptationlearning.net](http://adaptationlearning.net). UNDP indicated that they are eager to partner with USAID, via CCRD, on maintaining and updating the ALM, and facilitating increased information sharing and safeguarding against unnecessary port proliferation. UNDP agreed to provide information to CCRD and USAID on redesign, currently in progress, to the ALM, as well as: the purpose of the site, the management and facilitation plan, the outreach and engagement strategy, site membership, site traffic information and statistics, and external evaluation. CCRD will contribute significant content to the ALM site as the original UNDP team is experiencing funding shortfalls. The existing site's layout and design will not be changed. The USAID logo will be added and CCRD will be given administrative privileges to add content to the site.

### **TASK 1.3.3 SUPPORT DEVELOPMENT OF USAID'S FEDERAL AGENCY CLIMATE CHANGE ADAPTATION PLAN**

The purpose of this task is to provide support for the development of USAID's Federal Agency Climate Change Adaptation Plan, under Executive Order (E.O.) 13514, Federal Leadership in Environmental, Energy, and Economic Performance. For this activity, CCRD will: a) develop a draft adaptation plan for internal review and submission to meet requirements for agency adaptation plan submission by June 29, 2012 and b) advance the USAID Global Climate Change Office's adaptation objectives and leadership through expanded visibility across agency offices on climate adaptation initiatives.

During this quarter, the CCRD team began to work with USAID on a strategy for completing the adaptation plan. As part of this strategic planning, a member of the CCRD team accompanied USAID to a CEQ meeting on adaptation planning requirements. A brief strategy statement was then drafted by CCRD and discussed with USAID. Following this discussion, the CCRD team reviewed USAID and CEQ background documents, including past USAID documents submitted to CEQ as part of a longer-term effort. Based on discussions with USAID and review of CEQ instructions and requirements, the team prepared and submitted a draft scope of work to USAID. During the next quarter the scope of work will be refined based on USAID comments and the needed materials will be completed and submitted to USAID for review according to the timeline put forth in the scope of work.



# D. OBJECTIVE 2: COORDINATE WITH OTHER US GOVERNMENT AGENCIES TO SUPPORT MAINSTREAMING

Objective 2 activities during the reporting period focused on support for the Adaptation Partnership including the convening of two workshops, planning activities for three additional workshops, the development of two Communities of Practice (CoPs), and preparation of the full proceedings from the Adaptation Workshop held in Nepal in September 2011.

## **TASK 2.1.1 CONDUCT ADAPTATION PARTNERSHIP WORKSHOPS**

Two Adaptation Partnership Workshops were convened during the second quarter of 2012 with assistance and financial support from State and USAID. These workshops have attracted over 100 participants from more than 14 developing countries. Three additional workshops are in various stages of planning for May, July, and fall of this year.

Two Adaptation Partnership Workshops were convened during this reporting period, in February (South Africa) and March (Costa Rica). In addition, CCRD assisted with the planning and logistics for future workshops in Bonn, Germany; Bangkok, Thailand; and Washington, DC.

### **WESTERN INDIAN OCEAN WORKSHOP FOR COASTAL AND MARINE PROTECTED AREAS (SOUTH AFRICA)**

The *Western Indian Ocean Workshop for Coastal and Marine Protected Areas* Adaptation Partnership workshop was held in Cape Town, South Africa February 8-10, 2012. Thirty-nine participants from eight Western Indian Ocean (WIO) countries and the United States gathered in Cape Town, South Africa to identify climate change capacity building needs for coastal and marine protected areas in the WIO region. The workshop was organized USAID, United States Department of State (DOS), and the National Oceanic and Atmospheric Administration (NOAA) on behalf of the Adaptation Partnership, with regional assistance provided by the Western Indian Ocean Marine Science Association (WIOMSA). NOAA provided technical leadership, tailoring their International Marine Protected Area Capacity Building Program to fit the needs of WIO participants and the Adaptation Partnership's objectives.

The outcome of this workshop was a list of capacity building priorities for MPAs in the WIO, and possible early actions that can be developed as follow-on activities to the workshop. The summary report and first set of possible capacity building activities is being finalized.

### **ASSESSING VULNERABILITY AND BUILDING RESILIENCE IN KEY AGRICULTURAL SECTORS TO PROMOTE ECONOMIC DEVELOPMENT AND FOOD SECURITY (COSTA RICA)**

The Government of Costa Rica, one of the founders of the Adaptation Partnership, with support from USAID and State, hosted an Adaptation Partnership Workshop: *Assessing Climate Change Vulnerability and Building Resilience in the Agricultural Sector to Promote Economic Development and Food Security*, March 27-29, 2012 in San Jose, Costa Rica. The workshop drew 78 participants from the private and public sectors in the six Central American countries plus the Dominican Republic and Belize. The workshop involved two days of presentations and small group discussions, followed by a one-day field trip to EARTH University to observe adaptation measures to cope with increasing temperatures.

Workshop participants generated a list of recommendations for follow on activities, including (1) systematizing existing information and resources on climate change and agriculture, in order to facilitate decision-making at various levels; (2) mapping the institutional actors in the region who should be targeted for outreach, information sharing, and possible collaboration; (3) sharing lessons learned and best practices related to the resilient production of the key crops that were highlighted in the workshop (i.e., coffee, beans, sugarcane, rice, bananas, corn) and livestock, and possibly cross-sector topics such as water management and the use of climate and weather information for farm-level decision-making; and, (4) climate and weather information, including capacity building for meteorological agency staff. The summary report and first set of possible follow on activities is being finalized.

### **ADAPTATION AND MONITORING & EVALUATION (BONN)**

Planning is under way for an Adaptation Partnership workshop on monitoring and evaluation for climate adaptation projects; the German International Development Agency (GIZ) is coordinating the workshop. CCRD is currently preparing a questionnaire for GIZ to distribute to participants. The questionnaire will solicit information on the use of monitoring and evaluation on adaptation projects and programs. CCRD will compile the results and present them at the workshop. The workshop will be held May 7-8, 2012 in Bonn, Germany.

### **BUILDING URBAN CLIMATE CHANGE RESILIENCE IN ASIA (BANGKOK)**

Planning has begun on a workshop in Bangkok: *Building Urban Climate Change Resilience in Asia*. The objectives of the workshop are to: 1) increase capacity to understand best thinking in the field and explore available models and practices that address planning for climate change resilience; 2) create a community of practice around cutting edge approaches to resilience planning; and 3) generate practical follow-up steps for the community of practice. An estimated 60 participants will attend the workshop. Participants will include regional and global actors in resilient urban climate change adaptation, key stakeholders and champions from national level and mid-sized cities in the region, and members of the donor community.

The workshop will be held July 31 – August 2, 2012. CCRD will contract with the Institute for Social and Environmental Transition (ISET), a US-based NGO, to lead the planning of the workshop. ISET has coordinated the Asian Cities Climate Change Resilience Network funded by the Rockefeller Foundation over the past several years and is implementing Building Resilience to Climate Change in Asian Cities (M-BRACE), a USAID project.

### **CLIMATE CHANGE AND SECURITY (WASHINGTON, DC)**

An Adaptation Partnership workshop on security and climate change is in the early stages of planning. Climate change is particularly complex on a global scale, and may affect many dimensions of foreign policy, such as migration and displacement, human rights, economic development, humanitarian preparedness and response, food security, trade, and global health. The workshop will gather leading experts from the development, adaptation, and security communities with a view to giving greater clarity on the relationship between climate change adaptation and peace and security (fragile and conflict-affected situations). The workshop will also provide an opportunity for these two communities to strengthen understanding of one another's priorities, objectives, and needs and to begin working together more collaboratively around climate change adaptation efforts.

USAID and the Woodrow Wilson Center are in discussions on the organization and convening of the workshop. A final decision on location and dates has not been taken by organizers, but they are working toward a date in the fall of 2012 in Washington, DC.

## **TASK 2.2.1 FORM ADAPTATION PARTNERSHIP COMMUNITIES OF PRACTICE**

During the second quarter, progress was made on developing Communities of Practice for both the High Mountain Glacial Watershed Program (HMGWP) and Climate Services Partnership (CSP). Both of these

CoPs are reported on under Objective 3, “Identify and Respond to Emerging Issues and Fill Gaps.” See Task 3.2 for HMGWP CoP and Task 3.3 for the CSP CoP.

### **TASK 2.2.2 DEVELOP ADAPTATION PARTNERSHIP MATERIALS**

During this reporting period, CCRD prepared the full proceedings from the September 2011 *Andean-Asian Mountains Global Knowledge Exchange On Glaciers, Glacial lakes, Water & Hazard Management* Adaptation Partnership Workshop in Nepal. This workshop was a collaboration led by The Mountain Institute (TMI) with support from USAID, State, the National Science Foundation, University of Texas, UNDP, and ICIMOD (a regional NGO in Kathmandu). Thirty-five researchers representing 12 countries participated in the field expedition to Imja Lake in the Mt. Everest Region, September 3-23. For the Knowledge Exchange in Kathmandu, September 25-26, there were seventy-five attendees representing 13 countries and twenty-nine researchers and donor representatives participated in the Writer’s Workshop, September 27-28 in Kathmandu. The full proceedings were edited, formatted, and printed for dissemination, in time for CCRD’s follow up trip to Nepal in May-June 2012.

# E. OBJECTIVE 3: IDENTIFY AND RESPOND TO EMERGING ISSUES AND FILL GAPS

Work was initiated on a pilot to demonstrate the design of climate resilient programs. Following the preparation of concept papers last quarter for the High Mountain Glacial Watershed and Climate Services Programs, implementation activities were started during the reporting period.

## **TASK 3.1.1 SUPPORT PREPARATION OF NATIONAL ADAPTATION PLANS**

As Jamaica has been identified as the country in which an alternative approach for the development of National Adaptation Plans is to be piloted, CCRD staff will conduct a scoping trip to the country in May to begin preparations for the stakeholder consultations that will take place in June or July. In addition to providing an opportunity to test a consultation methodology for National Adaptation Plans, the consultations will provide stakeholder inputs for USAID/Jamaica's Country Development Cooperation Strategy, which now requires consideration of climate stressors. During the quarter, CCRD compiled information and documents on Jamaica's development goals and strategy and climate issues, reports and plans.

## **TASK 3.2.1 DESIGN A HIGH MOUNTAIN GLACIAL WATERSHED PROGRAM**

TMI, with support from Daene McKinney at the University of Texas-Austin, developed a concept paper for a high mountain and glacier watershed program (HMGWP). The concept paper covers the community of practice, knowledge management, research and pilots, guidance and capacity building, and outreach and awareness. Since the last reporting period, a detailed Statement of Work, timeline, and budget for the HMGWP, as well as subcontract agreements with IRG, were developed and finalized. One page brochures were developed for the HMGWP, Climber-Scientist Competitive Solicitation under the CCRD Small Grants Program, and the HMGWP CoP (see attached). The 2011 Andean-Asian Glacial Lake Expedition and Conference Proceedings were finalized, 100 color copies were printed, and the pdf version was circulated to all CoP members (see attached). TMI's Alton Byers presented on the HMGWP at the Foreign Service Institute on 5 April, 2012.

## **TASK 3.2.2 DEVELOP THE HIGH MOUNTAIN GLACIAL WATERSHED PROGRAM'S COMMUNITY OF PRACTICE**

Hydrologist Kate Voss was recruited work as manager of the CoP, with support from TMI and UT, to commence from her new base in Huaraz, Peru effective June 2012. TMI and UT worked with IRG to design a CoP webpage. Detailed implementation plans for the launch of the CoP will be developed in April-May in the course of the Nepal field work, where Voss, Byers, McKinney, Ang Rita Sherpa, Marcelo Somos, Jeff Moss, and other members of the CoP will be together.

## **TASK 3.2.3 DESIGN AND CONDUCT THE CLIMBER-SCIENTIST COMPETITIVE SOLICITATION**

Following the determination of priority program areas based on the recommendations of CoP members from the September 2012 Nepal expedition, a draft Climber-Scientist initiative announcement was produced on 30 March, 2012. The Climber-Scientist small grants solicitation is expected to be released in three tranches next

quarter and awards anticipated in June 2012. Awards will be made for three categories of small grants according to the size, purpose, and type of recipient. (see attached).

### **TASK 3.3.1 DESIGN AN ADAPTATION AND CLIMATE SERVICES PROGRAM**

In January, the team developed a Preliminary Guide for Investment regarding Climate Services for Climate-Smart Development. This was discussed among the CCRD team, and subsequently a set of CCRD proposed work activities was developed.

### **TASK 3.3.2 COORDINATE ACTIVITIES OF THE CLIMATE SERVICES PARTNERSHIP**

Since January, the CSP Coordinating Group has held three conference calls in which a number of activities were decided. These are documented in the call reports. The team has also engaged in the planning of the Second International Conference on Climate Services, which will be held in Brussels in September. In addition, members of the team have attended meetings including the annual conference of the American Meteorological Society and Planet Under Pressure. Work has begun on a suitable website design for the Partnership.

### **TASK 3.3.3 COMPILE AND DISSEMINATE CURRENT CLIMATE SERVICES KNOWLEDGE**

The team worked closely with the GFCS project office and several partner groups in designing a case study template to capture information of greatest interest at the appropriate level of detail. In addition we have been actively recruiting case study participants. There are currently more than 30 case studies pledged to the CSP knowledge capture effort. At least 5 interns will travel to various regions this summer to support and build upon efforts in those locations. A more intensive program evaluation is currently under way in Mali; another is being planned in India and third will look at the IRI-IFRC internship program. The case studies and evaluations will be distributed via the CSP website, which is under development at IRG.

### **TASK 3.3.4 CONDUCT CASE STUDIES AND ASSESSMENTS OF CLIMATE SERVICES**

As a follow on to the *West Africa Regional Adaptation Workshop: Climate Services for Development* held in Dakar, Senegal in June/July 2011, three assessments were designed to better understand the Mali Meteorological Service's (Meteo Mali) Agrometeorological Program (field assessment), the information needs of the program (science assessment), and an institutional assessment of organizations in Mali and the West Africa region.

#### *Field Assessment*

A team from USAID and CCRD traveled to Mali to coordinate the launch of an assessment of the Mali Meteorological Service's (Meteo Mali) Agrometeorological Program. This first phase of the assessment took place from January 25 – February 6, 2012 and was carried out with colleagues from the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), the CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS), and Mali's Institut d'Economie Rurale (IER). The fieldwork began with refining and field testing the assessment tool. The team then spent two days collecting data in four villages before returning to Bamako to review their findings and revise the guidance documents one last time.

The field teams are currently out in the villages, collecting data from 36 villages in southern Mali. The political situation in Mali slowed the work down a bit, but the teams have now visited more than half of the villages and have targeted mid-May for completion of the database from the field assessment. A full analysis of the Agrometeorological Program's ability to meet its stated claims for efficacy is expected by early July 2012.

### *Science Assessment*

IRI has completed the first phase of the science assessment. They met with Meteo Mali in January, and have since looked over all of the information that Meteo Mali is using and evaluated it. They are now waiting for the conclusion of the field assessment, which will include feedback from farmers about the information that they use and need. With this information, IRI will complete their evaluation and determine if Meteo Mali is: a) currently providing information that could meet those needs, and whether or not they are using the best information in the most appropriate manner; and b) if they are not providing needed information, what the appropriate sources of that information are and what capacity needs Meteo Mali would have to fill to use that information.

### *Institutional Assessment*

CCAFS is taking the lead on the institutional assessment. Although the work has not yet started, they have organized a list of people to interview and the work is expected to move quickly once it has begun.

## **TASK 3.3.5 ECONOMIC VALUATION OF CLIMATE SERVICES**

The Economic Valuation Working Group met on January 25, 2012 in New Orleans during the American Meteorological Society (AMS) Annual meeting to discuss the Working Group's progress in developing a matrix relating different categories of climate services to current and potential users for climate services information and products and to plan future activities. Ten participants discussed the following topics: 1) Valuing climate services including i) complete a typology of benefits associated with climate services; ii) develop a summary document characterizing the ways in which uncertainty impacts the value of climate services; iii) review literature on the value of climate services in priority areas (matching services to users); and iv) draft a review paper on valuing climate services; 2) Engage with authors of CSP case studies to ensure that services are appropriately valued, where possible; 3) Develop guidance materials which help climate service users and providers to evaluate their own activities; and 4) Explore the possibility of future conference and/or technical workshops on the economic valuation of climate service.

CCRD partners Stratus Consulting and IRI compiled a list of articles and reports on valuing climate services and Stratus has conducted a literature survey of more than 100 of these documents. In April, Stratus will complete a typology of climate services benefits. Preliminary findings of the Working Group will be presented at the European Geosciences Union meetings in Vienna, Austria, on April 26, 2012.

## **TASK 3.3.6 CLIMATE INFORMATION GUIDE**

USAID and CCRD met with World Bank staff implementing the \$1.1 billion Pilot Project on Climate Resilience on March 5, 2012, to discuss collaboration on a climate information guide and related training. The conclusions of this meeting provided the impetus for the scope of this task, which be initiated next quarter, led by IRI.

## F. CCRD PERFORMANCE INDICATORS AND ACHIEVEMENTS

During FY 2012 Quarter 2, CCRD implementation activities related to two Adaptation Partnership workshops (South Africa and Costa Rica) contributed to Performance Indicators #2 (Number of people receiving training in climate change supported by USG assistance (Person hours of training completed in climate change supported by USG assistance) and #5 (Number of institutions with improved capacity to address climate change issues as a result of USG assistance). In addition, indicator information is provided for Indicator #10 (Number of people logging on to/accessing the adaptation-related websites supported with USG assistance), but only for the Adaptation Partnership website.

In addition, CCRD activities during the quarter have provided the groundwork for numerous achievements that will be included in next quarter's report. These efforts are summarized below:

***Indicator #2 and #5*** – Adaptation Partnership Workshop in Bonn, Germany

***Indicator #7*** – Mainstreaming guidance, water annex, infrastructure synthesis report and factsheets will provide new tools to support adaptation planning

***Indicator #8*** – Cascadia will conduct vulnerability assessment in Huy, Vietnam

***Indicator #9*** – Participants in the communities of practice for the High Mountain Glacial Watershed Program and the Climate Services partnership will be registered on the redesigned Adaptation Partnership website and the new Climate Services website. A third community of practice is under discussion to link Central American practitioners interested in climate adaptation in agriculture

***Indicator #10*** – CCRD will continue to monitor visits to the redesigned Adaptation Partnership website during the next quarter and beginning in May 2012, the newly created Climate Services Partnership and CCRD/AREFS websites.



# ANNEX I. CCRD PERFORMANCE INDICATORS AND ACHIEVEMENTS

#	Indicator	Unit	FY 2012 Target	Achievement – FY 2012				Remarks	Cumulative
				QTR 1	QTR 2	QTR 3	QTR 4		
1	Number of people with increased capacity to adapt to the impacts of climate variability and change as a result of USG assistance (mandatory for Adaptation funding) <b>MEN</b>								
	Number of people with increased capacity to adapt to the impacts of climate variability and change as a result of USG assistance (mandatory for Adaptation funding) <b>WOMEN</b>								
2	Number of people receiving training in climate change supported by USG assistance (Person hours of training completed in climate change supported by USG assistance) <b>MEN</b>	number/ hours		20/ 160	69/ 1656			Quarter 1: New York Adaptation Partnership Workshop, October 20, 2011  Quarter 2: South Africa (February 2012) and Costa Rica (March 2012) Adaptation Partnership Workshops	89/1816
	Number of people receiving training in climate change supported by USG assistance (Person hours of training completed in climate change supported by USG assistance) <b>WOMEN</b>	number/ hours		9/ 72	29/ 696				38/768
3	Number of laws, policies, strategies, plans, agreements, or regulations addressing climate change officially proposed, adopted, or implemented as a result of USG assistance								
4	Amount of investment leveraged in U.S. dollars from private and public sources, for climate change as a result of USG								



#	Indicator	Unit	FY 2012 Target	Achievement – FY 2012				Remarks	Cumulative
				QTR 1	QTR 2	QTR 3	QTR 4		
	assistance								
5	Number of institutions with improved capacity to address climate change issues as a result of USG assistance			28	81			See Indicator #2 Remarks	109
6	Number of days of USG funded technical assistance in climate change provided to counterparts or stakeholders								
7	Number of climate adaptation tools, technologies and methodologies developed, tested, and/or adopted as a result of USG assistance								
8	Number of climate vulnerability assessments conducted			1				USAID/Peru Desktop Study	1
9	Number of people registering to participate in adaptation-related communities of practice <b>MEN</b>								
	Number of people registering to participate in adaptation-related communities of practice <b>WOMEN</b>								
10	Number of people logging on to/accessing the adaptation-related websites supported with USG assistance				2,095			Adaptation Partnership Google Diagnostics data for period Jan 1 to April 20, 2012	
11	Number of adaptation financing proposals benefitting from USG assistance								





**U.S. Agency for International Development**

1300 Pennsylvania Avenue, NW

Washington, DC 20523

Tel: (202) 712-0000

Fax: (202) 216-3524

**[www.usaid.gov](http://www.usaid.gov)**