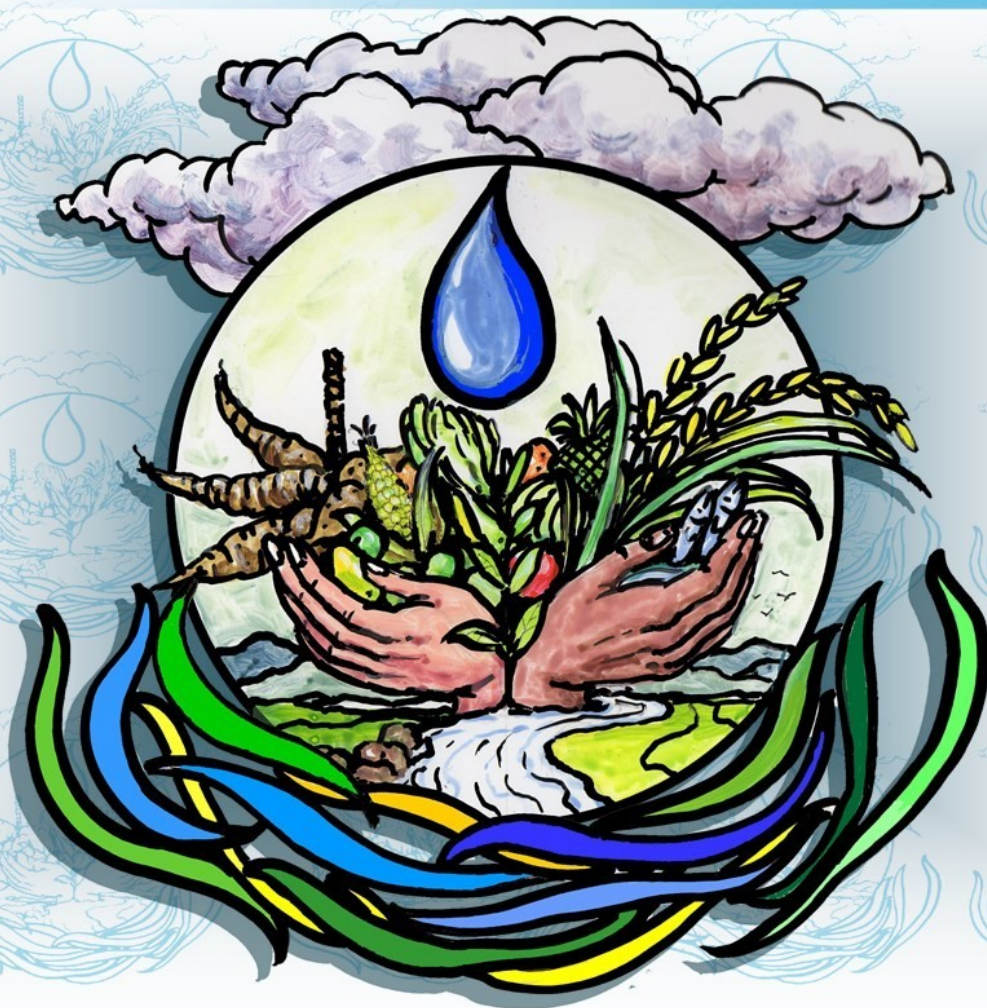


CONFERENCE ON STRENGTHENING UNIVERSITY PROGRAMS TO ENHANCE WATER AND FOOD SECURITY IN A CHANGING CLIMATE

13th – 15th AUGUST 2014
2ND FLOOR, CCE BUILDING, VSU
BAYBAY CITY, LEYTE PHILIPPINES



Partner Universities:



UNIVERSITAS GADJAH MADA
YOGYAKARTA, INDONESIA



INSTITUT PERTANIAN BOGOR
BOGOR, INDONESIA



VISAYAS STATE UNIVERSITY
LEYTE, PHILIPPINES



ROYAL UNIVERSITY
OF AGRICULTURE
PHNOM PENH, CAMBODIA

Funded by:

APN

Asia-Pacific Network for Global Change Research

ASIA-PACIFIC NETWORK FOR GLOBAL CHANGE RESEARCH
CHUO-KU, KOBE 651-0073
JAPAN

Partner Institutions:



Institute for Strategic Research and
Development Studies
VSU



Center for Climate Risk and
Opportunity Management in
Southeast Asia and Pacific, IPB

• Department of Civil and
Environmental Engineering, IPB

• Center of Land Resources Study,
UGM

• Faculty of Agro-Industry, RUA

RATIONALE

Water and food security in the Asia-Pacific have increasingly been affected by changing climate patterns and food and health risks have worsened due impacts of changing climate (e.g. flooding, landslide, and drought) felt directly by farmers. Faced with these challenges, universities have to adapt their curricular programs, research and extension activities, and teaching modules to take into consideration the nature of climate change, and various dimensions of water and food security.

In the course of sharing localized research results, adaptation activities and trans-boundary initiatives, natural and social scientists from the Philippines, Indonesia and Cambodia came to consensus that strong collaboration and partnership with policy makers in the use of scientific knowledge and technology in conjunction with local and indigenous knowledge would result in a broader understanding of water and food security dimensions of climate change. Such partnership could translate into research and extension agenda and programs to develop climate-resilient water resource management and food production systems, and integrated science-based risk assessments, and interdisciplinary and intersectoral approaches. Moreover, these could lead to the development of learning modules that incorporate topics on climate impacts on food production and water management and in a synergy of efforts for wider dissemination of good practices.

This conference is in line with the scientific capacity development, awareness raising and dissemination of information pertaining to climate variability and climate change, agro-ecosystems and land use management, resource utilization and sustainable development options being espoused by APN. This activity provides a platform for an interface between policymakers and scientists into understanding global change, and into undertaking common action.

OBJECTIVES

- ◆ To improve the effectiveness of scientists and professors in contributing to the formulation of relevant policies for mainstreaming climate change adaptation and mitigation initiatives in agriculture
 - ◆ To improve the awareness of policy-makers to the scientific basis of climate change adaptation and mitigation initiatives, and their implications to food and water security
 - ◆ To increase student awareness to relevant policies, and improve student capability in policy analysis and development for mainstreaming climate change adaptation and mitigation initiatives in agriculture
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PROGRAM OF ACTIVITIES

Date and Time	Activity	Person Involved
12 August 2014		
1:00PM	Arrival and Billeting of Participants (VSU Apartelle)	Ms. Leonarda A. Maurillo Ms. Johanna C. Casillano Ms. Eva Marie P. Oraiz
5:00PM	Opening Program (CCE Conference Room)	Dr. Myrna M. Avila
	◆ Welcome Prayer	Ms. JC Casillano
	◆ Philippine National Anthem	Ms. EMP Oraiz
	◆ Introduction of Participants	Ms. Cheryl C. Batistel
	◆ Overview of the Project and of the Conference	Dr. Buenaventura B. Dargantes
	◆ Introduction of the VSU President	Ms. Maria Aurora Teresita W. Tabada
	◆ Inspirational Message	Dr. Jose L. Bacusmo VSU President
7:00PM	Welcome Dinner (VSU Dining Hall)	Ms. CC Batistel Dr. Ana Asumpta N. Perez
	◆ Cultural Presentation	Mr. Joselle Cayetano & IHK Students

PROGRAM OF ACTIVITIES

Date and Time	Activity	Person Involved
13 August 2014	8:00AM Registration of Participants	Ms. Leonarda A. Maurillo Ms. Eva Marie P. Oraiz Ms. Merry Jean Caparas
	Session 1: Adaptation and Mitigation Initiatives to Ensure Food and Water Security in a Changing Climate	
	8:30AM Philippine Experiences in Mainstreaming Climate Change in Agriculture: Strategies, Problems and Issues	Prof. Dr. Eliseo R. Ponce
	9:45AM Coffee Break	
	10:00AM A Glimpse of the RDE Program of the VSU Regional Climate Change Center	Prof. Dr. Eduardo O. Mangaoang
	10:30AM Impacts of Typhoon Haiyan on Abaca Production and Their Implications on Livelihood Rehabilitation Initiatives	Ms. Litlen P. Dapar
	11:00AM Small Group Discussions on the Challenges to Mainstreaming of Climate Change in Agriculture	
	11:45AM Presentation of Outputs ◆ Challenges to Agricultural R&D ◆ Challenges to Agricultural Extension	
	12:30NN Lunch Break	
	2:00PM Evaluation System for Converted Peatlands in Relation to Fire Hazards and Government Policy	Prof. Dr. Azwar Maas
	3:00PM Lessons Learned from Peatland Conversion in Aceh, Indonesia: Implications to Research and Development in Philippine Peatlands	Ms. Cheryl C. Batistel
	3:30PM Water Conservation in Rice Production Systems	Dr. Benito Heru Purwanto
	4:00PM Coffee Break	
	4:15PM Small Group Discussions on the Challenges to Peatlands Development	
	5:00PM Presentation of Outputs ◆ Challenges to R&D in Peatlands and Swamplands ◆ Challenges to Agricultural Extension in Peatlands and Swamplands	
	7:00PM Dinner (VSU Dining Hall)	

PROGRAM OF ACTIVITIES

Date and Time	Activity	Person Involved
14 August 2014	8:00AM Recapitulation of Day 1 Activities	
	Session 2: Water Resource Management and Water Service Delivery in the Face of a Changing Climate	
	8:30AM Formulation of Research and Development Agenda for Rural Water Systems: Challenges to Ensuring Resource Sustainability and Service Delivery	Prof. Dr. BB Dargantes
	9:00AM Threats to Sustainable Water Supply as Affected by Land Use and Climate Change	Ms. Janet M. Modina
	9:30AM Valuation of Watershed Services: Implications to Climate Change Mitigation and Adaptation	Mr. Novlloyd Celeste
	10:00AM Impacts of Landslides on Food and Water Security in a Changing Climate: Field Experiences from Southern Leyte, Philippines	Dr. Beatriz C. Jadina
	10:30AM Coffee Break	
	10:45AM Small Group Discussions on the Challenges to Ensuring Water Resources Sustainability and Water Service Delivery	
	11:30AM Presentation of Outputs <ul style="list-style-type: none"> ◆ Challenges to R&D in IWRM ◆ Challenges to Water Services Provision 	
	12:15NN Lunch Break	
	1:00PM Campus Tour	
	3:00PM SWAT Hydrology Model and Drought Anticipation	Dr. Yuli Suharnoto
	3:30PM Watershed Assessment Using a Computerized Information Management System (SWIM)	Prof. Winston M. Tabada
	4:00PM Coffee Break	
	4:15PM Small Group Discussions on Technological Applications for IWRM	
	5:00PM Presentation of Outputs <ul style="list-style-type: none"> ◆ R&D for IWRM ◆ Capability building for IWRM 	
	7:00PM Dinner (VSU Dining Hall)	

PROGRAM OF ACTIVITIES

Date and Time	Activity	Person Involved
15 August 2014		
8:00AM	Recapitulation of Day 2 Activities	
	Session 3: Governance and Institutional Development to Ensure Food and Water Security in a Changing Climate	
8:30AM	Role of Local Governments in Main streaming Climate Change Adaptation and Mitigation Initiatives: Reflections from Ground Zero of Typhoon Haiyan	Atty. Ronnan Christian M. Reposar
9:00AM	Exploring Legal Remedies to Ensure the Rehabilitation of Affected Livelihood Systems: Post-Haiyan Experiences	Atty. Grizelda Mayo-Anda
9:30AM	ISRDS Post-Haiyan Training Initiatives to Rehabilitate Livelihood Systems in Affected Communities	Prof. Dr. Myrna M. Avila
10:00AM	Coffee Break	
10:15AM	Current Issues and Concerns Regarding Water Management for Food Production and Agricultural Education in Cambodia	Mr. Sopheap Ek
10:45AM	Natural Resource Management and Rural Development Programs at the Royal University of Agriculture of Cambodia	Dr. Thavrak Huon
11:15AM	The VSU-CAR & D Agenda for Food Security in the Context of Climate Change	Dr. Suzette B. Lina
11:45AM	Developing a Course on Advances in Soil and Water Conservation and Management to Address Climate Change	Dr. Beatriz C. Jadina
12:15NN	Lunch Break	
1:30PM	Small Group Discussions on Food and Water Security in a Changing Climate	
2:30PM	Presentation of Outputs <ul style="list-style-type: none"> ◆ R&D Programs for ASEAN ◆ Capability building Programs ◆ Inter-University Collaboration 	
3:30PM	Closing Program	
4:00PM	Homeward Bound	

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