



Updates on Activities related to GWSP Agenda

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Water and Climate Mitigation & Adaptation: **Capacity Building**

- **Southeast Asia Regional Training Course on Responding to Changing Climate in Agriculture and Environmental Resources Management, November 2009, Bangkok, Thailand.**
 - **Technical Coordinator & Resource Speaker**
 - **Funded by the Southeast Asian Regional Center for Research and Graduate Study in Agriculture (SEARCA)**



Water and Climate Mitigation and Adaptation: **Capacity Building**

- **FAO-DA Project on Strengthening Philippine Institutional Capacity on Adaptation to Climate Change (SPICACC), 2009-2011.**
 - pilot field demonstrations of CCA options at the farm and community levels including WRM e.g. rainwater harvesting, small water impoundments, terracing in sloping areas, alternate wetting & drying, etc.
 - downscaling of climate scenarios and relating to future water resources conditions.
 - documentation of knowledge-based and indigenous adaptation options.
 - supported by MDG Fund



Water and Climate Mitigation and Adaptation: **Methodology Development**

- **Project on developing community-based V & A assessment procedure for CCA**
 - focused on Coastal, Health, Agriculture, Water & Forests (CHAW-F);
 - funded by MDG Fund
- Identification of local climate-related hazards.
- Evaluation of effects and impacts.
- Assessment of adaptive capacity.
- Scoring
- Analysis and mapping



Other Research Activities

- **Water stress analysis using different indicators** (related to GWSP score cards)
 - ref: e.g. Lansigan, 2009, In: Taniguchi et al. (Eds. 2009). From Headwaters to Coastal Zones: Hydrological Changes
 - different water stress indicators at sub-national level (province).
- **Statistical approaches to downscaling of climate scenarios**
 - e.g. historical analogue; probability-weighted regression; etc.



Water and Climate Mitigation & Adaptation: **Science and Policy Link**

- **Local Government Units (LGUs) Summit on CCA, 5-6 Nov 2010; Legazpi City, Albay, Philippines.**
 - **Attended by Provincial Governors and Vice-Governors, Board Members.**
 - **Funded by UNDP, MDG-F**
 - **Resource Speaker on V & A**
 - **Climate Change Academy for LGUs launched.**



Water and Climate Mitigation & Adaptation: **Science and Policy Link**

- **SEA Regional Workshop on Exchanges of Experiences between Scientists and Practitioners on CCA in Agricultural Production and Environmental Management, 29 Aug – 1 Sept 2010, AIT, Bangkok, Thailand.**
 - sponsored by UNDP & UNEP
 - Resource speaker on Vulnerability and Adaptation assessment, and adapting farm practices for CCA.



Water and Climate Mitigation & Adaptation: **Science and Policy Link**

- **Global Environment Outlook 5 - Science & Policy Advisory Board, Oct 2010 – April 2012.**
 - invited by UNEP to sit in the S & P Advisory Board.



GWSP Asia Research Activities: On-going & Planned

- **Vulnerability and Adaptation assessment of water sector to climate change at different levels**
- **China, Philippines, India**
- **Water stress analysis using different water scarcity indicators**
- **China, Philippines, India, Japan**
- **Coupling climate model with hydrological model at global level.**
- **Japan**



Related Issues

- Labeling or reporting of activities as **GWSP Asia-related** or initiated.
- Need for concrete **GWSP Asia/ CA/ SEA/ SA/ EA** workplan consistent with the **GWSP** themes and new scientific areas (i.e. planned activities & expected outputs).
- **Regional coordination and participation** (i.e. virtual with occasional face-to-face meeting)
- **Fund sourcing to support regional activities/ projects** – e.g. APN, ASEAN, UNDP, UNEP, FAO

