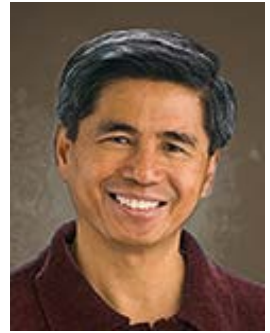


EXPERT'S PROFILE



Name of Grantee : **DR. GUILLERMO A. MENDOZA**

Area of Expertise : Operations Research

Inclusive Date of Contract as BSP Awardee : 23 July – 24 August 2010
Short-Term Expert Category
(subsequent visit)

Host Institution : Don Mariano Marcos Memorial State University
Bacnotan, La union

Contact Details : gamendoz@uiuc.edu

EDUCATIONAL BACKGROUND

- Ph.D. in Operations Research, University of Washington, WA, USA 1980
- M.S. in Forestry, University of the Philippines at Los Baños, 1976
- B.S. in Forestry, University of the Philippines at Los Baños, 1973

WORK EXPERIENCE

- **1990 - Present** **Associate Professor**, University of Illinois, Department of Natural Resources and Environmental Sciences, Urbana, Illinois, U.S.A.
- **2000 – 2001** - **Consultant**, Ontario Ministry of Natural Resources, Canada
- **1998 – 2004** - **Consultant**, Center of International Forestry Research
- **1991 – 1993** - **Consultant**, USAID/ Government of the Philippines
- **1985 – 1989** - **Assistant Professor**, University of Illinois, Department of Forestry, College of Agriculture, Urbana, Illinois, U.S.A.
- **1980 – 1984** - **Assistant Professor**, University of the Philippines Los Baños, College of Forestry, Laguna, Philippines

To be accomplished as BSP Awardee:

1. Initiate the creation of a framework and standard for creating, generating, storing and sharing data needed for addressing climate change concerns (i.e Open Source GIS, Limited Licensing and Commercial Software Options);
2. Conduct training on GIS system such as: Manifold, GRASS, ArcGIS, IDRISI and Open Source GIS System such as Map Server; and
3. Prepare a Baseline Report/Study (Phase 1) for the implementation of MMSU/ DOST-PCARRD and BSP collaborative Project on *“Development and Application for a Web-Based Integrated Climate Change Information System in Agriculture, Forestry and Natural Resources”*; and
4. Create a Geo-Spatial Science Network initially constituted by collaborating institutions that include MMSU his proposed host, and UPLB and DMMSU (his previous hosts) with DOST-PCARRD serving as the coordinating unit. The Network will serve as a core/central entity for the creation, storage, management, and sharing of a spatial geo-databases.