

## EXPERT'S PROFILE



**Name of Grantee** : **GUILLERMO A. MENDOZA, Ph.D.**  
**Area of Expertise** : GIS, Forest Management  
**Inclusive Date of Contract as BSP Awardee** : Short-Term Engagement  
October 15-November 14, 2018  
January 15 – February 14  
**Host Institution** : Mariano Marcos State University

### EDUCATIONAL BACKGROUND

- **PhD in Operations Research**, University of Washington, 1980
- **MS in Forestry**, University of the Philippines Los Baños, 1976
- **BS in Forestry**, University of the Philippines Los Baños, 1973

### SIGNIFICANT ACHIEVEMENT

- Devoted time in teaching and research for more 30 years (since 1980).
- Served as consultant for at least 5 USAID and UN projects in the Philippines on various environment and natural resource projects.

### PROFESSIONAL EXPERIENCE

- 2011-present **Professor Emeritus**  
University of Illinois
- 1990- 2011 **Associate Professor**  
University of Illinois, Department of Natural Resources and Environmental Sciences, Urbana, Illinois.
- 1985 - 1989 **Assistant Professor**  
University of Illinois, Department of Forestry, College of Agriculture Urbana, Illinois
- 1980-1984 **Associate Professor**  
University of the Philippines at Los Baños, College of Forestry

### TO BE ACCOMPLISHED AS A BSP AWARDEE

1. Training on the following topics: carbon assessment, biomass estimation, flood modelling, hazard and vulnerability assessments, crop suitability analysis, water management and hydrologic modelling
2. Spearhead the development of collaborative proposals on climate change, risk reduction and management for submission to DOST and other funding agencies
3. Collaborate with project leader for the development of a GIA network for identifying suitable sites for small scale irrigation projects (SSIP)
4. Collaborate with Dr. Pascual, Dr. Alibuyog and members of MMSU International Coordinating Council to develop a joint proposal on climate change resiliency and disaster risk reduction with emphasis on food-water-renewable energy nexus for external funding (i.e. USAID PEER SCIENCE, Green Climate Funding etc.)