

## EXPERT'S PROFILE

**Name of Grantee** : **MARIANO A. ESTOQUE, PhD**  
**Area of Expertise** : Meteorology  
**Inclusive Date of Contract as BSP Awardee** : November 15, 2010 - February 18, 2011 (Short-Term Program)  
**Host Institution** : PAGASA and ASTI (DOST)  
**E-mail Address** : marstoke@yahoo.com



### EDUCATIONAL BACKGROUND

- PhD, New York University, 1950
- BS Geodetic Engineering, University of the Philippines-Diliman. 1947

### PROFESSIONAL POSITIONS HELD

- **Consultant**  
SAE Associates, Inc.  
Milpitas, California
- **Visiting Professor**  
Department of Meteorology and Oceanography  
University of the Philippines, 1986-1992
- **Professor**  
School of Marine and Atmospheric Sciences  
University of Miami, Coral Gables, Florida, 1966-1985
- **Professor and Chairman**  
Department of Meteorology and Oceanography  
University of Hawaii, Honolulu, Hawaii, 1960-1965
- **Atmospheric Physicist**  
U.S. Air Force Cambridge Research Center  
Bedford, Massachusetts, 1957-1960
- **Research Associate and Lecturer**  
McGill University  
Montreal, Canada, 1956-1957
- **Research Associate**  
University of Chicago  
Chicago, Illinois, 1953-1956
- **Research Associate**  
John Hopkins University  
Baltimore, Maryland, 1952-1953

### To Be Accomplished as BSP Awardee

1. Study on the present state of weather analysis and forecasting in PAGASA;
2. Introduce steps for making more accurate and more detailed forecasts;
3. Conduct of special classes in synoptic and tropical meteorology for weather forecasters;  
and
4. Develop a method or making operational flood forecast of Tropical Cyclone Basyang. This will be done by making model simulations with ASTI's grid computing facility and by doing a detailed analysis of observations.