

EXPERT'S PROFILE

Name of Grantee : **DR. TEOFILO A. ABRAJANO, JR.**
Area of Expertise : Earth and Environmental Sciences
Inclusive Date of Contract as BSP Awardee : June 05 - August 03, 2010
Short-Term Category
Host Institution : PAGASA
E-Mail Address : abrajt@rpi.edu



EDUCATIONAL BACKGROUND

- Ph.D. Earth and Planetary Sciences, Washington University, 1984
- M. Sc. Earth Sciences, University of Akron, 1981
- B. Sc. Geology, University of the Philippines, 1977

WORK EXPERIENCE

- **2006/9 – 2009/9** - **Head**, Surface Earth Processes Section
Division of Earth Sciences (GEO), US National Science
Foundation Arlington, VA
- **2001/07-date** - **Director**, Environmental Science Program (on leave)
Renssealer Polytechnic Institute, New York, USA
- **1998/07-date** - **Professor**, Department of Earth & Environmental Sciences
(on leave)
Renssealer Polytechnic Institute, New York, USA
- **1997/06-1998/07** - **Scientist**, Environmental Research Division
Argonne National Laboratory (sabbatical position)
South Cass Ave., Argonne, Illinois
- **1991/08-1998/08** - **Associate to Full Professor**, Department of Earth Sciences
Memorial University of Newfoundland
Prince Philipps Drive, St. John's, NL, Canada
- **1995/05-1997/06** - **Chair**, Environmental Science Program
Memorial University of Newfoundland
Prince Philipps Drive, St. John's, NL, Canada

To be accomplished as BSP Awardee:

1. To establish overall changes in precipitation patterns and characteristics, especially as these relate to ENSO and ITCZ patterns
2. Combine output (1) with data on land use and land cover (e.g., soil, vegetation, built environments) recharge characteristics, geology/structure, built environments and human habitation to assess hazard risks in select areas.
3. Recommendations on "best practices" on science funding for DOST.