

EXPERT'S PROFILE



Name of Grantee : **LEOREY O. MARQUEZ, Ph.D.**
Area of Expertise : Communications and Information Sciences
Systems Modeling Statistics
Inclusive Date of Contract as BSP Awardee : Short-Term Category
06 January – 30 March 2015 (83 days)
Host Institution : UP Diliman- Department of Geodetic Engineering
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EDUCATIONAL BACKGROUND

- **Ph.D . in Communication and Information Sciences**
University of Hawaii, 1992
- **MS in Information and Computer Science**
University of Hawaii, 1987
- **MS in Mathematics (Operations Research)**
University of the Philippine, 1982
- **BS in Statistics**
University of the Philippines, 1979

WORK EXPERIENCES

- Senior Research Scientist, CSIRO Division of Computational Informatics (2013-present)
- Senior Research Scientist, CSIRO Division of Mathematics, Informatics and Statistics (2006-2013)
- Research Scientist, CSIRO Division of Manufacturing and Infrastructure Technology (1996-2006)
- Post-Doctoral Fellow, CSIRO Division of Building, Construction and Engineering (1993-1996)
- Instructor/Lecturer, Department of Decision Sciences, College of Business Administration, Univ. of Hawaii (1987-1993)
- Research Associate to Drs. William Remus and Tim Hill on the Neural Network Modeling Project, Dept. of Decision Sciences, Univ. of Hawaii (1992)
- Research Associate to Dr. Byung Wook Wie on the Dynamic Traffic Assignment Project, School of Travel Industry Management, Univ. of Hawaii

(1990-1993)

- Consultant, Research Institute for Tropical Medicine, Makati Medical Center, Philippines (1987)
- Assistant Professor, Department of Mathematics, University of the Philippines, (1979-1992)
- Systems Analyst, ScilTech Systems Inc., Makati, Metro Manila, Philippines (1983-1984)

TO BE ACCOMPLISH AS A BALIK SCIENTIST

1. Conduct lectures and workshops on simulation tools and techniques.
2. Provide expertise in a case study on the evaluation of the impacts of proposed government policies and strategies in disaster planning and management and/or environmental modeling for a selected region in the Philippines.
3. Provide consultation and advice to students in the development of their research topics.
4. Collaborate with students in their thesis and journal writing, acting as adviser, reviewer or co-author