EXPERT'S PROFILE

Name of Grantee	:	**MAROLO C. ALFARO, PhD, PEng**
Area of Expertise	:	Civil Engineering
Inclusive Date of Contract as BSP Awardee	:	July 19, 2010 – August 20, 2011 (Short-Term Program)
Host Institution	:	Angeles University Foundation
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EDUCATIONAL BACKGROUND

- **PhD in Civil Engineering**, Saga University, Japan, 1996
- **MEng in Geotechnical Engineering**, Asian Institute of Technology, Thailand, 1988
- **BS in Civil Engineering**, University of Mindanao, Philippines, 1984

WORK EXPERIENCES

- 2000-Present **Associate Professor**
  University of Manitoba
  Winnipeg, Manitoba, Canada

- 1996-1999 **Postdoctoral Fellow and Sessional Course Instructor**
  University of Calgary
  Calgary, Alberta, Canada

- 1996-1996 **Postdoctoral Fellow**
  Royal Military College of Canada
  Kingston, Ontario, Canada

- 1991-1992 **Research Engineer**
  Asian Institute of Technology
  Bangkok, Thailand

- 1990-1991 **Geotechnical Engineer**
  Moh and Associates Ltd.
  Singapore

- 1988-1990 **Research Engineer**
  Asian Institute of Technology
  Bangkok, Thailand

- 1984-1985 **Structural Engineer**
  TECPHIL
  Quezon City, Philippines

AFFILIATIONS

- Director, Canadian Geotechnical Society (CGS) for the Manitoba Region
- Vice-President for Canada, The North American Geosynthetics Society (NAGS)
- Vice-President (Technical), The Society of Philippine-Educated Professional Engineers of Manitoba (SPEPEM)
- Member, The International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE)
- Member, International Geosynthetics Society (IGS)
- Member, International Association of Lowland Technology (IALT)
- Member, American Society for Civil Engineers (ASCE)
- Member, Canadian Society of Civil Engineering (CSCE)
- Member, Association of Professional Engineers and Geoscientists of Manitoba (APEGM)

RESEARCH INTERESTS

- Geosynthetics for civil engineering applications
- Road embankments on soft ground
- Water retaining and flood control dykes
- Ground improvement techniques
- Geotechnical earthquake engineering
- Northern infrastructure impacted by climate change
- Landslide risk assessment and mitigation
- Stabilization of natural and man-made slopes