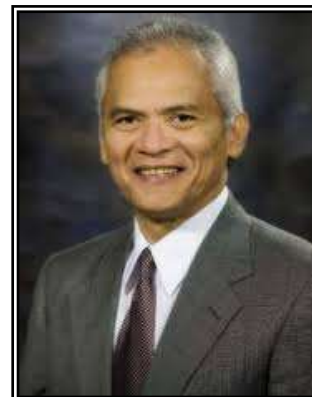


EXPERT'S PROFILE

Name of Grantee : **ALEJANDRO F. TONGCO, Ph.D.**
Area of Expertise : Geographic Information Systems (GIS) Technologies
Inclusive Date of Contract : Short-Term Program
as BSP Awardee 09 July – 07 August 2018
21 August– 19 September 2018
08 October – 06 November 2018
Host Institution : Surigao Del Sur State University



EDUCATIONAL BACKGROUND

- **Ph.D. in General Engineering**, 1989, Oklahoma State University, U.S.A
- **MS Agricultural Engineering**, 1980, University of the Philippines Los Baños
- **BS Mechanical Engineering**, 1973, University of an Jose-Recoletos, Cebu City

PROFESSIONAL EXPERIENCE

- 2008-present **Research Specialist (GIS)**
Dept. of Agricultural Economics, Oklahoma State University
- 2012 **GIS Consultant**
Ergo Intelligence and Knowledge, NY, USA
- 2010 **GIS Consultant**
MachineryLink, Inc., Missouri, USA
- 2009 - present **Founding Director**
Philippine GIS Data Clearinghouse
- 1999 – 2007 **GIS Specialist**
SST Software, Inc.
- 2006 **Teaching Assistant**
Dept. of Landscape Architecture, Oklahoma State University
- 2006 – 2007 **GIS Technician**
Dept. of Plant and Soil Sciences, Oklahoma State University
- 2003 – 2004 **GIS Specialist**
Dept. of Entomology, Oklahoma State University
- 2003 **GIS Technician**
Dept. of Geography, Oklahoma State University
- 1999 – 2000 **GIS Information Specialist**
Spatial & Environmental Clearinghouse, Oklahoma State University

TO BE ACCOMPLISHED AS A BSP AWARDEE

1. Introductory GIS training to the GIS following:
 - a. faculty researchers and collaborators of SDSSU
 - b. K-12 teachers and selected students in the STEM and Humanities curriculum
 - c. Educational Technology teachers
 - d. local government units (LGU) researchers / employees
2. Mentor GIS-trained researchers in GIS proposal writing and project implementation
3. Intermediate/advance GIS training to researchers
4. Map IP domains and population centers in Surigao del Sur: a GIS-assisted extension project
5. Provide consultancy services to internally funded projects of SDSSU