

EXPERT'S PROFILE



Name of Grantee : Allan A. Andales, PhD

Area of Expertise : Agricultural Engineering and Water Resources

Inclusive Date of Contract as BSP Awardee : Short Term (November 11 - December 11, 2014) – 30 days

Host Institution : UPLB-College of Engineering and Agro-Industrial Technology

E-mail Address : Allan.Andales@colostate.edu

EDUCATIONAL BACKGROUND

- Ph.D. Agricultural Engineering and Water Resources, Iowa State University, 1998
- M.S. Agricultural Engineering, Iowa State University, 1995
- B.S. Agricultural Engineering, University of the Philippines at Los Baños, 1990

PROFESSIONAL EXPERIENCES

(2013-present) Associate Professor/Extension Specialist, Irrigation/Water Science, Colorado State University

(2007-2013) Assistant Professor/Extension Specialist, Irrigation/Water Science, Colorado State University

(1999-2001) Assistant Professor, Agricultural Engineering, University of the Philippines at Los Baños

(1990-1993) Instructor, General Physics; Agricultural Engineering, University of the Philippines at Los Baños

OTHER POSITIONS

(2004-2007) Soil Scientist, US Department of Agriculture-Agricultural Research Service, Fort Collins, CO

(2003) Postdoctoral Fellow, Department of Agronomy and Horticulture, New Mexico State University

(2002-2003) Research Associate, Department of Rangeland Ecosystems Science, Colorado State University

(2001-2002) Visiting Scientist (Soil Scientist), US Department of Agriculture-Agricultural Research Service, Fort Collins, CO

(1999) Postdoctoral Fellow, Agricultural and Biosystems Engineering Department, Iowa State University

To Be Accomplished as a BSP Awardee (Deliverables):

- Identification of technologies and best management practices that can be applicable in the Philippines for soil and water conservation/management
- Protocol for calibrating RZWQM using local data; Computer simulated case studies of crop production as affected by weather variability, climate change and management scenarios
- Identification of a specific R&D project on AWM that can be developed into proposal that can be submitted for funding