

## EXPERT'S PROFILE

**Name of Grantee** : Michael Y. Roleda, Dr.rer.nat.  
**Area of Expertise** : Biology, Marine Science  
**Inclusive Date of Contract as BSP Awardee** : November 07, 2016 - March 17, 2017 (90 days)  
**Host Institution** : UP Diliman – Marine Science Institute  
**E-mail Address** : michael.roleda@daad-alumni.de



## EDUCATIONAL BACKGROUND

- Dr. rer.nat (Biology), University of Bremen, Germany, 2005
- M.Sc. Marine Science, Marine Science Institute, University of the Philippines - Diliman, Quezon City, Philippines, 1997
- B.Sc. Biology, University of San Jose-Recoletos, Cebu, Philippines, 1988

## PROFESSIONAL EXPERIENCES

- **Researcher**, (2013 – present)  
Norwegian Institute of Bioeconomy Research (NIBIO), Norway
- **Research Fellow/Lecturer** (2010-2013)  
University of Otago, New Zealand
- **Algal Physiologist**, (2009-2010)  
Scottish Association for Marine Science, Scotland
- **Research Associate/Lecturer** (2006 – 2009)  
Institute of Polar Ecology, Kiel, Germany
- **Post-doctoral Scientist** (2005-2006)  
Alfred Wegener Institute, Bremerhaven, Germany
- **Researcher**, (2001-2005)  
Biologische Anstalt Helgoland, Helgoland, Germany
- **Director**, (2000)  
Marine Biological Station-DLSU, Batangas, Philippines

- **Associate Professor** (1997-2000)  
De La Salle University, Taft Avenue, Manila, Philippines
- **Research Associate** (1992-1997)  
Marine Science Institute, University of the Philippines-Diliman, Quezon City, Philippines

**To Be Accomplished as a BSP Awardee** (Deliverables):

- Conduct seminars to create awareness among UP-MSI students and researchers on the initiatives currently being done abroad to improve seed stock production of seaweed species;
- Conduct guest lectures on undergraduate courses (e.g. MS101 Oceans, and MS102 The Marine Sciences) and graduate courses (e.g. MS 256 Marine Algae and other courses on offer during the semester);
- Conduct seminars in different institutes in UP Diliman (e.g. IB, NSRI), other campuses (Los Baños, Baguio) and other universities (e.g. DLSU and UST) to highlight the expert's research expertise and initiatives and create a network for future collaborations;
- Visit research facilities (e.g. Bolinao Marine Laboratory; Molecular Biology/Genetic Labs)
- Collaborative research brainstorming (Meeting with UP-MSI experts across disciplines, e.g. molecular biologist, biochemist, oceanographers)
- Visit seaweed farms in different locations in the country and audience/interaction with the local farmers
- Conduct diagnostic experiments assessing the effects on different environmental drivers on the physiology of *Kappaphycus/ Eucheuma* Strains at UP-MSI (BML)
- Conduct preliminary spore coalescence experiment.