

## 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** : Long Term (August 2018-August 2020)  
**Host Institution** : UP Diliman – Marine Science Institute



## 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 EXPERIENCE

- 2013 – present **Researcher**  
Norwegian Institute of Bioeconomy Research (NIBIO), Norway
- 2010-2013 **Research Fellow/Lecturer**  
University of Otago, New Zealand
- 2009-2010 **Algal Physiologist**  
Scottish Association for Marine Science, Scotland
- 2006 – 2009 **Research Associate/Lecturer**  
Institute of Polar Ecology, Kiel, Germany
- 2005-2006 **Post-doctoral Scientist**  
Alfred Wegener Institute, Bremerhaven, Germany
- 2001-2005 **Researcher**  
Biologische Anstalt Helgoland, Helgoland, Germany
- 2000 **Director**  
Marine Biological Station-DLSU, Batangas, Philippines
- 1997-2000 **Associate Professor**  
De La Salle University, Taft Avenue, Manila, Philippines
- 1992-1997 **Research Associate**  
Marine Science Institute, University of the Philippines-Diliman, Quezon City, Philippines

## TO BE ACCOMPLISHED AS A BSP AWARDEE

1. Teach graduate and undergraduate courses.
2. Supervise students on the development of thesis projects
3. Development of project proposals for funding consideration on the following topics:
  - a. Development of best quality farmable eucheumatoids through strain selection
  - b. Development of eco-physiological responses of various strains/varieties of farmable eucheumatoids to give insights on the optimum growth requirements and seasonality
4. Project Management on ocean Acidification project