

## **GEERTRUIDHA ADELHEID LATUMETEN**

Bali, Indonesia

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### **EDUCATION**

#### **Diponegoro University (Semarang, Indonesia)**

*Bachelor of Science majoring in Fisheries Science (S.Pi) – Cum Laude (September 2009 - February 2013)*

Faculty of Fisheries and Marine Science

During college was supported by the Scholarship of “Peningkatan Prestasi Akademik” (Academic Performance Improvement) from the Faculty.

### **WORKING EXPERIENCES**

#### **People and Nature Consulting International (Bali, Indonesia)**

*Fisheries Research Assistant (July 2015 – Present)*

As a consultant for The Nature Conservancy Indonesia Fisheries Conservation Program focusing on building a relationship with the fishermen and fish trading companies to apply new technologies in data sharing (CODRS) and stock assessment; and to improve the sustainability and traceability of Snapper and Grouper fisheries in Indonesia, I am responsible for:

*July 2015 – April 2017*

- Conducted field surveys to many locations in Indonesia such as Java, East Nusa Tenggara, and North Sulawesi that might have snapper fisheries potential and created the report on that.
- Implemented CODRS system in the fisher communities in Bali, Kupang, and Rote Island.
- Monitored fish landings and managed data collection from the fishermen in 3 locations above.
- Conducted the data processing to identify the catch of each fleet per landing to the species level.
- Maintained relationship with partners (fisher communities, fish traders, government) and worked with a total 36 fishermen under my supervision.

*May 2017 – Present (Data Quality Control Coordinator)*

- Conducted verification of all data which are processed by each of field technicians to ensure all data entered into the system is usable for stock assessment.
- Managed the productivity of field technicians on data processing and currently I am working with 21 field technicians spread throughout Indonesia
- Created “Species ID Training Manual Book” of 100 common species in the snapper fisheries.
- Trained all field technicians on fish identification
- Delivered and trained the employees of several processing plants and Balai Karantina Ikan dan Pengendalian Mutu in Jakarta, Bali, and Makassar on fish identification workshops. Currently, there are 8 workshops have been delivered by me.
- Conducted field surveys to more locations such as Sumatera, Kalimantan, and Maluku.

*September 2019 – Present*

- Had an additional responsibility as a Technical Coordinator for gonad research.
- Developed Standard Operation Procedure of gonad data collection.
- Implemented gonad research in 7 Processing Plants in Java and Makassar
- Trained the employees (PIC) of the processing plants above about the method (SOP) of gonad data collection, and how to identify fish species and distinguish gonad sex (between female and male).
- Conducted verification of gonad data.
- Monitored and managed gonad data collection from the PIC on each processing plant.

## **TEACHING EXPERIENCES**

### **Udayana University (Bali, Indonesia)**

*Ichthyology (one meeting, 120 minutes) / November 2018*

As a guest lecturer, I teach an ichthyology class about fish taxonomy and identification (theory and practice) for Germany students in the UpSkill Program.

### **Undergraduate Teaching Assistant (Semarang, Indonesia)**

*Fish Population Dynamic (2012 – 2013)*

- Prepared teaching materials for practice
- Tutored students on fish population dynamic such as how to analyze Catch per Unit Effort (CpUE), Maximum Sustainable Yield (MSY) and Maximum Economic Yield (MEY) using data from Department of Marine and Fisheries of Central Java
- Monitored student progress in the lab and graded all tests (pre and post-test) during practice

*Fisheries Remote Sensing and GIS (2012 – 2013)*

- Prepared teaching materials for practice
- Tutored students on how to process chlorophyll-a and sea surface temperature distribution using data satellite
- Monitored student progress and graded all tests (pre and post-test) during practice
- Assisted professor on Fisheries Remote Sensing and GIS workshops

*Fisheries Biology (2011 – 2012)*

- Prepared teaching materials for practice
- Tutored students on fish identification and fish morphology using fish samples, gonad maturity level, Gonadosomatic Index (GSI), and fish length-weight relationship
- Monitored student progress in the lab and graded all tests (pre and post-test) during practice

## **CONFERENCES**

### • **“Chlorophyll-a and Sea Surface Temperature Distribution in the South Java Sea” – Bogor, November 2015**

National Seminar of Remote Sensing and GIS by National Institute of Aeronautics and Space (LAPAN) of the Republic of Indonesia (*poster presenter*)

### • **“FIP Stakeholder Workshop” – Bali, September 2015**

Organized by WWF Indonesia (*panel discussion participant*)

### • **Participant** in National Symposium of Management of Shark and Stingray – Bogor, May 2015

Organized by WWF Indonesia

### • **“Tuna Swimming Layer Depth” - Bali, December 2014**

National Symposium of Management of Sustainable Tuna Fisheries by WWF Indonesia and Ministry of Marine Affairs and Fisheries (MMAF) of the Republic of Indonesia (*individual presenter*)

### • **“Variability of Waters Condition in Observation Perspective, Modelling, and Remote Sensing” – Semarang, May 2012**

National Seminar of Remote Sensing and GIS by Institute for Marine Research and Observation (IMRO), Ministry of Marine Affairs and Fisheries (MMAF) of the Republic of Indonesia and Diponegoro University (*group presenter*)

## **PUBLICATIONS**

Geertruidha A. Latumeten, Wahyu D. Septiani, Nandana Godjali, Elle Wibisono, Peter J. Mous, Jos S. Pet. 2018. Training Manual for Identification of 100 Common Species in the Deepwater Demersal Fisheries Targeting Snappers in Indonesia. Denpasar: TNC IFCP Technical Report.

Geertruidha A. Latumeten, Agus Hartoko, Frida Purwanti. 2013. Analysis of Sea Surface Temperature, Chlorophyll-a MODIS Satellite Data and Sub-Surface Temperature ARGO Float Data with Tuna Catch in Indian Ocean. Semarang: Diponegoro University.