

# ELLE WIBISONO

Bali, Indonesia // Rhode Island, United States

---

## EDUCATION

### University of Rhode Island

PhD student in Environmental and Biological Sciences

Research focus: ecosystem based fisheries management of deepwater snapper grouper in eastern Indonesia.

South Kingstown, RI

2016- present

### Wellesley College

B.A. Degree (major: biological sciences, minor: studio art)

Wellesley, MA

2009-2013

---

## RESEARCH EXPERIENCE

### Manager for Private Sector Involvement

The Nature Conservancy (TNC)

TNC- Indonesia Fisheries Conservation Program Benoa Fisheries Station

Benoa, Bali

September 2014- August 2016

- Initiated, surveyed and explored the first four field sites of the program (Rote, Larantuka, Kupang and Luwuk).
- Implemented and monitored data collection in field sites to conduct length-based stock assessment of snappers and groupers.
- Together with partners in the tuna industry and other NGOs, established a Data Management Committee (DMC) in East Lesser Sunda Islands. Organized subsequent annual DMC meetings.
- Approached and discussed data collection partnership with fishers, fishing communities and fish processing companies in Bali, Rote, Kupang, Luwuk and Larantuka.
- Researched, interviewed stakeholders and created a report on parrotfish fishery in east Indonesia.

### Marine Research Assistant and Project Officer

PT Central Pertiwi Bahari (Pokphand Group)

Marine Research Center (MRC), Research and Development team, Aquaculture Live-Feed Division

Suak Village, Lampung, Sumatra

March 2014- July 2014

- Executed ongoing projects within the division to solve current luminescent bacterial outbreak (*Vibrio* spp.) in the hatcheries through water quality experiments and bioassays of different methods to limit parent-offspring transmission.
- Responsible for conducting axenic microalgae batch cultures from single colonies up to 5L cultures as well as monitoring algae culture performance by measuring cell density and viability.
- Cultured bacteria from water and nauplii samples by microbial spreading and streaking techniques.
- Assisted in setting up different experimental water management and aeration systems in modules for shrimp (*Penaeus vannamei*).
- Fun fact: established the MRC Badminton Club during my employment on site.

### Undergraduate Marine Researcher

Operation Wallacea, Hoga Marine Research Center

Wakatobi, Indonesia

Summer 2012

- Designed and executed independent research on the impact of geographic limitations of clients (territorial herbivores, free moving pelagic, free moving carnivores) on the behavior of cleaner wrasse (*Labroides dimidiatus*).
- Created research methods, collected field data of more than thirty video observations, identified more fish species, analyzed fish behavior and presented the preliminary research findings to the entire marine research center.
- Assisted PhD student research with underwater data collection
- Trained and supervised researched assistants on underwater data collections (collecting data along transects and quadrants).

- Created a LIPI (Indonesian Institute of Sciences) report, which was submitted through Operation Wallacea.

---

## TEACHING

### Graduate Teaching Assistant (Biology)

University of Rhode Island

South Kingstown, RI  
September 2016- present

- Prepared teaching materials based on template slides, created quizzes, graded all assignments and quizzes throughout the semester
- Explained and demonstrated different scientific theory in the lecture portion of laboratory sessions. Engaged the class in discussion on different biological concepts. Guided the class to conduct different scientific experiments.
- Monitored students' progress in lab and mentored students during office hours.
- Proctored examinations and helped instructors on examination day.

### Undergraduate Teaching Assistant

Pforzheimer Learning and Teaching Center, Wellesley College

Wellesley, MA  
2010-2012

- Assisted the professor during laboratory set up. Assisted the professor and monitored students during laboratory sessions.
- Tutored students on bone identification and other forensic skills such as aging and sexing different bones during weekly drop-in sessions.

---

## CONFERENCES, PRESENTATIONS and DISTINCTIONS

### "TNC-IFCP deep-water snapper grouper fishery in the Timor Sea"

2015

- University of Rhode Island CELS (College of the Environment and Life Sciences) Seminar, (Individual presenter)
- TNC Global Marine Team visit, audience included Maria Damanaki (Director of TNC Global Marine Team and former EU commissioner for fisheries)
- USAID and Packard Foundation visit, audience included Jonathan Stivers (USAID Assistant Administrator of the Bureau for Asia), Andrew Sisson (USAID Mission Director in Indonesia), and Carol Larson (President and CEO of the David and Lucile Packard Foundation).

### "The Secret Lives of the Blue Streak Cleaner Wrasse (*Labroides dimidiatus*)"

2013

Ruhlman Conference, Wellesley College (Individual presenter)

### "Shinto and Environmentalism- Joined Study with Doshisha University, Kyoto"

2013

Ruhlman Conference, Wellesley College (Panel presenter)

### "Marine Biologist in Action"

2012

Tanner Conference, Wellesley College (Individual presenter)

### "Above the Mountains and Under the Sea"

2011

Tanner Conference, Wellesley College (Panel presenter)

### "Project Philippines 2010: How to Make Real Changes in Local Communities"

2010

Tanner Conference, Wellesley College (Panel presenter)

### National Finalist of the Watson Fellowship

2013

---

## PUBLICATIONS

Mous, P., Pet, J., Pramana, R., and E. Wibisono. 120 species identification guide for deepwater hook-and-line fisheries targeting snapper and groupers in Indonesia. Denpasar: TNC Technical Report, 2014. Print.