

CURRICULUM VITAE

Date of birth: January 11, 1984

Place of birth: Lima, Peru

Citizenship: Peruvian

EDUCATION

- October 2015 MSc. in Tropical Aquatic Ecology**
Universität Bremen – Bremen, Germany
Master Programme: International Studies of Tropical Aquatic Ecology – ISATEC
Thesis: *“Diet composition and overlap of five commercial marine species of Chwaka Bay, Zanzibar, Tanzania”*.
Supervisors: Prof. Dr. Matthias Wolff (ZMT, Bremen) and Dr. Narriman S. Jiddawi (IMS, Tanzania).
Submitted and graded as *very good* in Bremen, August 2015.
Studies funded through DAAD Scholarship (PKZ: A/13/91888); thesis funded by the PhD of Jennifer Rehren within the SUTAS project (Leibniz Association).
- June 2012 Fisheries Engineering Degree**
Universidad Nacional Agraria la Molina (UNALM) – Lima, Peru
Thesis: *“Movement and dispersal of Argopecten purpuratus under three forms of sowing in Bahía de Sechura, Piura”*.
Supervisor: Dr. Jaime Mendo (UNALM, Peru).
Submitted and graded as *outstanding* in Lima, December 2011.
Thesis developed within a government-funded project (FINCYT Nº 001-2009).
- July 2009 Bachelor of Science in Fisheries Engineering**
Fisheries Faculty (2001-2008) – Lima, Peru

PROFESSIONAL EXPERIENCE

April 2019 to date

Doctoral student

Humboldt-Tipping Project

WG Resource Management – Department of Theoretical Ecology and Modelling

Leibniz Centre for Tropical Marine Research (ZMT) – University of Bremen

November 2017 to March 2019

Head of the North-western Macro-regional Office based in Piura

National Programme for the Innovation of Fisheries and Aquaculture (PNIPA)

Funded by the Ministry of Production of Peru (PRODUCE) and the World Bank.

2017 (March – December)

Member of the technical team in charge of the fisheries component

Sub-project for the “Lobos de Afuera” islands, as part of the Project “Strengthening the Sustainable Management of the Guano islands and capes National Reserve (RNSIIPG)”

Leading institution: NGO Pro Delphinus, Peru

Funded by the Global Environment Facility (GEF), in collaboration with the National Service of Natural Protected Areas (SERNANP)

2017 (June –August)

Member of consultant team

Consultancy: Technical support for WWF-Peru and WWF-US for assessing traceability in the process of Peruvian Mahi-Mahi purchase by US buyers.

Requiring institution: NGO WWF-Peru; Consultancy leader: Jorge Grillo Núñez

2017 (March – July)

Member of consultant team

Consultancy: Implementation of a Pilot Project for the collection of landing data in the context of small-scale fisheries (Mahi-Mahi and giant squid) traceability system.

Requiring institution: NGO WWF-Peru; Consultancy leader: Renato Gozzer Wuest

2017 (February – June)

Independent consultant

Consultancy: Diagnosis of stakeholders and possible alliances in the Macro Region of northern Peru

Requiring institution: National Program of Fisheries and Aquaculture Innovation (PNIPA) of the Ministry of Production, Peru

January 2016 – February 2017

Technical Director

Project: Capacity building to improve productivity en the artisanal fisheries of Talara, Paita and Sechura, Piura, Peru

Funded by the Regional Government of Piura, Peru

2016 (July – December)

Member of consultant team

Consultancy: Assessment of current practices and proposal for the design of a data collection system for the traceability of Peruvian Mahi-Mahi

Requiring institution: WWF-Peru; Consultancy leader: Renato Gozzer Wuest

2015 (October – December)

Assistance in scientific data analysis and publication

NGO Pro Delphinus, Peru

2012 – 2013 (April – April)

Acuícola Sechín S.A. – Peru

*Field Manager and Assistant to General Manager; company dedicated to the culture (bottom and suspended) and exportation of scallop *A. Purpuratus*.*

September 2009 – December 2011

Government funded project (FINCyT): “Scientific and Technological bases to increase the productivity of the scallop *Argopecten purpuratus* in restocking areas of Sechura Bay, Piura, Peru” – Piura, Peru. *Field resident and research coordinator*

General coordinator: Dr. Jaime Mendo, UNALM.

COURSES, CONFERENCES AND WORKSHOPS

2018 (October 4-15th)

Workshop-Course: Network analysis for the management of innovation in fisheries and aquaculture

Universidad Autónoma de Chapingo, Mexico – Lima, Peru

2018 (June 3-8th)

Sharks International Conference

Joao Pessoa, Brazil

Co-author of poster: “*Sharks trade and consumption in Peru: need for an integrated management in a value chain where nothing is wasted*” – Presented by first author, Eliana Alfaro Córdova.

2017 (July 17-21st)

Course: Leveraging actionable science to combat IUU fisheries in the Eastern Pacific Ocean

Escuela Politécnica del Litoral – Guayaquil, Ecuador

2017 (March 27-31st)

Regional Conference of American collaborators of the Center for Tropical Aquatic Ecology in Bremen (ZMT): Management and conservation of coastal ecosystems in Latin America.

Universidad de Magdalena – Santa Marta, Colombia

2017 (January 9-14th)

Course: Use of Stable Isotopes & Fatty Acids in Aquatic Ecology: Theory & Practice

Universidad de Antofagasta – Antofagasta, Chile

2016 (November 21-25th)

V International Symposium of Peruvian Marine Sciences (CONCIMAR)

Universidad Pedro Ruiz Gallo – Lambayeque, Peru

Poster: *“Diet composition and overlap of five commercial marine species of Chwaka Bay, Zanzibar, Tanzania”*.

Co-author of presentation: *“Captures of mobulids and devil rays by the small-scale gillnet fishery in northern Peru”* – Presented by first author, Eliana Alfaro Córdova.

Co-author of presentation: *“Application of WWF’s benchmarking traceability tool and design of an essential information collect system for mahi mahi traceability”* – Presented by first author, Nicolás Rovegno.

2016 (November 8-10th)

International mahi-mahi FIP Workshop: “Market engagement in transitioning fisheries and improving traceability”

Novotel Hotel – Lima, Peru

Presentation of the design of a pilot system and roundtable on mahi-mahi traceability, alongside WWF-US members.

2015 (November 12th)

Cycle of presentations and roundtable: “Scientific research in the Fisheries Faculty: Current experiences of under- and post-graduates”

Universidad Nacional Agraria La Molina (UNALM) – Lima, Peru

Speaker: *“Differences and similarities between artisanal fisheries in Tanzania and Peru: Local and global challenges”*.

2015 (October 26-31st)

9th Western Indian Ocean Marine Scientific Association (WIOMSA) Symposium

Wild Coast Sun Hotel – Port Edward, South Africa

Poster: *“Diet composition and overlap of five commercial marine species of Chwaka Bay, Zanzibar, Tanzania”*. Presented by third author, Jennifer Rehren

2014 (December 3-5th)

Workshop: “Fisheries Management of Octopus in the Western Indian Ocean”

Grand Palace Hotel – Zanzibar, Tanzania

Organized by the NGO ‘Blue Ventures’ and WIOMSA.

2013 (June 19th)

I Cycle of Lectures on Scientific Research of the Fisheries Faculty

Universidad Nacional Agraria La Molina (UNALM) – Lima, Peru

Speaker: *Movement and dispersal of *Argopecten purpuratus* under three forms of sowing in Bahía de Sechura, Piura, Peru.*

Speaker: *Biomass and economic yield estimation of scallop *Argopecten purpuratus* in relation to the harvest shell length and sowing density in the Sechuran Bay, Piura, Peru.*

2012 (June 25-29th)

III International Symposium of Peruvian Marine Sciences (CONCIMAR)

Universidad Científica del Sur – Lima, Peru

Speaker: *Movement and dispersal of *Argopecten purpuratus* under three forms of sowing in Bahía de Sechura, Piura.*

2011 (September 7-14th)

Summer School: “Marine Ecosystem Evolution in a Changing Environment (MEECE)”

Middle East Technical University (METU) – Ankara, Turkey.

2010 (July 22-23rd)

Course: Fundamentals in Management and Restocking of Benthic Ecosystems

Dr. Wolfgang Stotz (Chile) at Universidad Nacional Agraria La Molina (UNALM) – Lima, Peru

PUBLICATIONS

Peer-reviewed journal articles

- > E. Alfaro-Cordova, A. Del Solar, J. Alfaro-Shigueto, J.C. Mangel, B. Diaz, O. Carrillo, D. Sarmiento. 2017. **Captures of manta and devil rays by the small-scale gillnet fisheries in northern Peru.** *Fisheries Research*, 195: 28–36.
- > E. Alfaro-Cordova, A. Del Solar, A. Gonzalez-Pestana, N. Acuña-Perales, J. Coasaca, F. Cordova-Zavaleta, J. Alfaro-Shigueto and J.C. Mangel. 2018. **Isotopic niches of four commercially important pelagic elasmobranch species captured by the small-scale driftnet fishery of northern Peru.** *Lat. Am. J. Aquat. Res.*, 46(2): 482-488. (*short communication*)

Other publications (non-peer reviewed)

- > J. Grillo, A. Del Solar, R. Gozzer and N. Rovegno. 2017. **Pilot implementation of a catch documentation system.** Ed.: WWF-Peru Marine Program, Lima, Peru. 65 pp. Published in the online repository ResearchGate.
- > Del Solar, J. Grillo, R. Gozzer and M. Correa. 2017. **Traceability of the Peruvian mahi mahi fishery: Assessment and proposal.** Ed.: WWF-Peru Marine Program, Lima, Peru. 171 pp. Published in the online repository ResearchGate.
- > J. Mendo, P. Gil-Kodaka, L. Ysla, M. Miglio, H. Orrego and A. Del Solar. 2011. **Technical Manual for scallop restocking in the Sechuran Bay, Piura, Peru.** *Part of government funded project: FINCyT N°01 – 2009.* Ed.: Jaime Mendo. 81 pp.

In progress

- > Del Solar, E. Alfaro-Cordova, T. Mendo, J. Alfaro, K. Ortega, J. Grillo, D. Lainez and M. Arias-Schreiber. **Big challenges for small islands: the governance of MPAs in the Peruvian upwelling ecosystem.** In: Challenges in Tropical Coastal Zone Management: a global review. Editors: Matthias Wolff, Hugh Govan & Sebastian Ferse.
- > G. Navarrete, A. Del Solar, E. Alfaro-Cordova, G. Sotil, L. Rodríguez, D. Cueva, S. Andrade, L. Domínguez and D. Willette. **Forming transboundary marine conservation and fisheries management across Ecuador and northern Peru.** In: Challenges in Tropical Coastal Zone Management: a global review. Editors: Matthias Wolff, Hugh Govan & Sebastian Ferse.
- > E. Alfaro-Cordova, A. Del Solar, A. Gonzalez-Pestana, M. Pajuelo, J. Alfaro-Shigueto and J.C. Mangel. **Insights into the trophic ecology of twelve commercially important elasmobranchs from northern Peru as determined through stable isotope analysis.**
- > R. Gozzer, J. Grillo and A. Del Solar. **The Peruvian mahi mahi value chain: traceability and adaptation to international market regulations.**

SKILLS

- | | |
|---|----------------------------|
| > Diving | Open Water: Level 2 – PADI |
| > Ecopath with Ecosim | Basic |
| > R Computer Language and Programming (database management, modelling, mapping, statistical analyses) | Intermediate |
| > Microsoft Office (database management, spreadsheet models and text processors) | Advanced |
| > LaTeX (text processor) | Basic |

LANGUAGES

- | | |
|-----------|---|
| > Spanish | Native tongue |
| > English | Advanced – TOEFL iBT. Grade: 103/120 (August 2011) |
| > German | Basic (A.2.1) – Göthe Institute, Bremen, Germany (October 2013) |