



ECOQUA
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EcoAqua Summer school (Fourth edition) <<Blue Innovation in Islands>>



10 – 14 September 2018

***University Institute in Sustainable Aquaculture and Marine Ecosystems (IU-ECOQUA)
Scientific and Technological Marine Park, University of Las Palmas de Gran Canaria,
Canary Islands, Spain***

OBJECTIVES

The ECOQUA Summer School 2018 will provide the participants a solid overall understanding of basic and applied aspects related with Blue Growth Initiatives in Island Systems, such as European Outermost Regions and Small Islands Developing States. The course will address new tools and technologies applied to relevant topics such as Governance, Aquaculture, Marine Spatial Planning and Conservation. The course will be given by academics and professionals, with practical knowledge, experiences, and applicable methods as related tools.

The scientific and technical courses will be organized around four specific modules:

- Blue Growth and Ocean Governance
- Innovations in Aquaculture
- Current trends in Marine Spatial Planning in Island Systems
- Advances in Marine Conservation

Besides lectures by renowned experts actively involved in different aspects of maritime economy, there will be a field trip and practical challenges. As the panellists are leading experts in diverse topics related to sustainable development and responsible use of marine resources, the course will provide a forum for exchange of know-how and good practices between those experts and participants.

TARGET AUDIENCE

Early-stage researchers and professionals (Masters and above) interested in Blue Growth, Bioeconomy, Sustainable Aquaculture, Marine Conservation, Coastal Tourism, as well as the application of the European Blue Growth Strategy and related European Directives.

PRACTICAL INFORMATION

Venue:

All sessions will be held at Research Institute ECOAQUA located in the Scientific and Technological Marine Park, University of Las Palmas de Gran Canaria, Crta. a Taliarte s/n, 35214 Telde, Spain.

Registration:

Candidates can register through the Scientific and Technological Park Foundation (FPCT) web page (<http://fpctserver.upe.ulpgc.es/fpctcursos/matricula.php?curso=FP-0079>). Any additional information required for registration please check the EcoAqua web page (http://ecoaqua.ulpgc.es/ecoaqua_project/) or contact the organization secretariat or EcoAqua coordinator (contact information in below). Interested participants are required to provide a summary of their field of research or interest in a Power point or poster format to finalise the registration process. Selected attendants from other ORs and OCTs will have access to scholarships funded by the EcoAqua ERA Chair project.

Space is limited to a maximum of 25 attendees. Registration is on a first come, first served basis and space is limited.

Registration will remain open until the **20th of August 2018**

Registration fees: The fees include tuition, materials, coffee/tea and technical visits.

- Early registration (**Until 1st of August**): 150€
- Standard registration (**From 1st of August to 20th of August**): 250€

Scholarships:

Two scholarships for attendants from European ORs and OCTs are offered by the EcoAqua ERA Chair project and will cover course fees and travel costs.

- *Eligibility:* To be considered for the Scholarships the applicant must:
 - Be an attendant coming from any European Outermost Regions or from any European Overseas Countries and Territories.
 - Scholarships registration deadline for reception of application will remain open until the **1st of August 2018**.
 - Submit a resumed CV (three pages maximum) together with a letter of interest and,

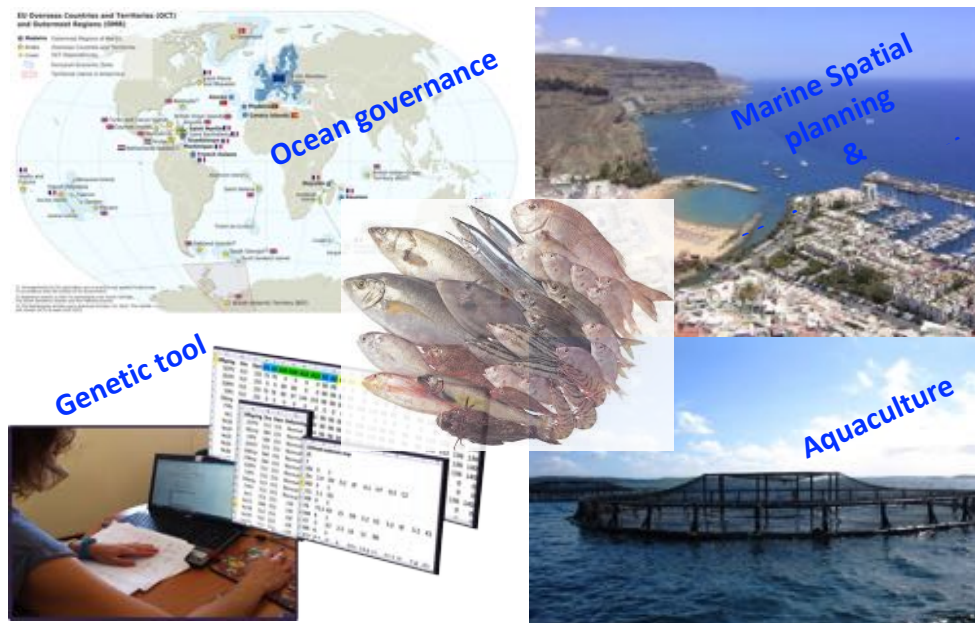
at least, a letter of reference to the following email address: gcourtois@fpct.ulpgc.es

Structure:

This professional course is taught in English. Lectures will be given during morning sessions while the afternoon sessions will be dedicated to face to face discussion and visit of the facilities.

Accommodation:

Rooms are available at the Albacar hostel (<http://hostalalbacar.com/Habitaciones>) located at walking distance (15 min) from the facilities. The hostel is close to Melenara beach and 10 min by car from Gran Canaria airport, 15 min by car from the city center, Las Palmas de Gran Canaria. Please book your reservation directly through their web page.



Contacts: Please contact the Organisation Secretariat for further details:

Dr. Gercende Courtois de Vicose (gcourtois@fpct.ulpgc.es)

Prof. Ricardo Haroun (ricardo.haroun@ulpgc.es) (EcoAqua coordinator)

PROVISIONAL PROGRAMME

Day 1: Monday Sept 10th

Afternoon registration

17.00 Registration

Introduction to the Summer School Course

18.30 Welcome words

Regional / Local Government Representative (to be confirmed)

Prof. Ricardo Haroun, IU-ECOQUA, ULPGC, Spain

Day 2: Tuesday Sept 11th

Morning Session: Blue Growth and Ocean Governance

09.00 The European Blue Growth Strategy in the Outermost Regions: Strengths, Needs and Bottlenecks

European Commission Representative (DG-MARE, to be confirmed)

09.45 Blue Growth Policy at the Local Level: Bioasis Gran Canaria, Platform of Excellence in Blue Biotechnology and Aquaculture

Cosme García Falcón, Society for the Economic Promotion of Gran Canaria, (SPEGC), Cabildo de Gran Canaria, Spain

10.30 Coffee break

11.00 Marine Biodiversity in EU Overseas: “The BEST Initiative and new perspectives”

Carole Martinez, IUCN, Gland, Switzerland

11.45 Blue Growth and ocean Governance: Fifty Shades of Blue

Antonella Vasallo, Managing Director, International Ocean Institute Headquarters

12.30 Biodiversity and Ocean Governance beyond National Jurisdictions

Prof. Ronan Long, World Ocean Institute, UN World Maritime University, Malmö, Sweden

13.15 Lunch Break

Afternoon Session

15.00 Presentation of research topics / posters from attendees and face to face discussion with panellists.

Day 3: Wednesday Sept 12th

Morning Session: Innovations in Aquaculture

09.00 Food from the Oceans: Trends and Perspectives
Prof. Sachi Kaushik, IU-ECOQUA, ULPGC, Spain

09.45 Advances in Nutritional Programming
Prof. Marisol Izquierdo, IU-ECOQUA, ULPGC, Spain

10.30 Coffee break

11.00 New Genetic Improvement Tools in Aquaculture
Prof. J.M. Afonso López & Dr. Hyun Suk, IU-ECOQUA, ULPGC, Spain

11.45 Aquaponics and Circular Economy: ISLANDAP Interreg MAC Project
Prof. Lidia Robaina, IU-ECOQUA, ULPGC, Spain

12.30 Emergent Technologies Applied to Oceanic Sea Cages
Prof. J.A. Montiel-Nelson, IU-SIANI, ULPGC, Spain

13.15 Lunch Break

Afternoon Session

15.00 Visit to Aquaponic facility (IDEAqua Fish & Aquaponic S.L.) in Pozo Izquierdo area

Day 4: Thursday Sept 13th

Morning Session: Current trends in Marine Spatial Planning in Island Systems

09.00 PLASMAR and the Good Environmental Status Indicators System INDIMAR

Dr. Andrej Abramic, IU-ECOQUA, ULPGC, Spain

09.45 Implementation of Aquaculture Zonation Plans and Marine Spatial Planning Directive in the Macaronesia archipelagos

Prof. Ricardo Haroun, IU-ECOQUA, ULPGC, Spain

10.30 Coffee Break

11.00 MSP Application in a Tropical Small Island State: Principe Island Marine Protected Areas Network

Dr. Francisco Otero-Ferrer, IU-ECOQUA, ULPGC, Spain

11.45 Recent developments of MSP processes in the Indian Ocean: Case Study of French Territories

Carole Martinez, IUCN, Gland, Switzerland

12. 30 Lunch Break

Afternoon Session

14. 00 Visit to the Aquaculture Facilities in Gran Canaria Marine Pole: Broodstock, Experimental Transfer Unit, IMTA, Spanish Bank of Algae, etc.

Summer School Dinning in Vegueta (Old City quarter)

Day 5: Friday Sept 14th

Morning Session: Advances in Marine Conservation

09.00 Insights on new marine sensors applied to oceanic and benthic ecosystems

Prof. Patrizio Mariani, Danish Technological University, Copehagen, Denmark

09.45 Applied remote sensing tools to characterize marine seabeds

Prof. Peter Feldens, Leibniz Institute for Baltic Sea Research Warnemünde (IOW), Germany

10.30 Coffee Break

11.00 Microplastics in the Macaronesia region

Dr. Alicia Herrera Ulibarri, IU-ECOQUA, ULPGC, Spain

11.45 Mobile Sensors to Track Marine Endangered Species

Prof. Jorge Cabrera, IU-SIANI, ULPGC, Spain

12.30 Integrating landscape, demographic and genetic responses to track seagrass degradation

Prof. Fernando Tuya, IU-ECOQUA, ULPGC, Spain

13.30. Summer School Final Session

Closing remarks

Prof. Sachi Kaushik, IU-ECOQUA, ULPGC, Spain

Representative Rectorate ULPGC (to be confirmed)