



4 POST - DOCTORAL POSITION IN ECOAQUA PROJECT: AQUACULTURE DEVELOPMENT UNDER AN ECOSYSTEM APPROACH (Nº 621341) FUNDED BY THE 7 FRAMEWORK PROGRAMME FOR THE PERIOD 2014-2019

ECOAQUA 4 POSTDOC PROFILES

The University of Las Palmas de Gran Canaria (Spain) wishes to appoint 4 Post Doctoral contracts to work in the EU Project ECOAQUA. (www.ecoaqua.eu) during the next 4 years and 6 months. The ECOAQUA Project is dedicated to FOSTER excellence research on sustainable Aquaculture under an Ecosystem Approach.

The ULPGC is seeking high profile scientists with track records in carrying out studies in basic and applied marine benthic sciences and management and in publishing in these fields; have attracted research funding and are able to interact at all levels both inside and outside the university. The ULPGC will pursue the following procedure in order to recruit the most suitable candidates:

- Advertise the position through a wide range of portals
- Evaluate the candidates and make a short list of the most suitable candidates
- Interview the candidates and select
- Hire the selected PostDocs

Equal Opportunities, equality and diversity are part of the ULPGC personnel policy – qualified women are especially invited to apply. Selection procedures will follow transparent mechanisms and comply with the national and regional legislation regarding selection and recruitment.

The selection committee will be formed by the ERA Chair holder Prof. S. Kaushik, assisted by Dr. Juan Manuel Afonso, leader of selection committee, and the leaders of the ULPGC Research Groups in Aquaculture (GIA), Dr. M.S. Izquierdo López and of Biodiversity and Conservation (BIOCON), Dr. R. Haroun Tabraue.

The successful applicants will contribute in different tasks assigned to the workpackages of the ECOAQUA project. They will participate in the workshops and the international conferences and will support the ERA-Chair holder in the EcoAqua activities working under his direct supervision and responsibility. They will contribute to postgraduate academic activities as part of the ECOAQUA Project. Their collective scientific expertise will contribute to increasing sustainability for Aquaculture Development and Marine Conservation in European waters. They will thus act towards the implementation and extension of sustainable aquaculture and ecosystem conservation knowledge to other EU Outermost Regions

The contract for each of the four Postdocs will cover at least one of the following research areas:

- i) Improve animal performance, health and welfare through adequate nutritional / environmental management strategies and assess using appropriate integrative tools
- ii) Genetic improvement of productive, health and welfare traits



- iii) Ecosystem approach to aquaculture development (novel systems, novel strategies)/ocean acidification impact
- iv) Develop / Adapt appropriate planning tools for site selection, marine conservation and ecosystem assimilative capacity.
- v) Interactions between aquaculture practices and coastal/ marine ecosystems
- vi) Develop decision-making tools for aquaculture and coastal ecosystem management
- vii) Exploit genotype/ environment interactions for sustainable aquaculture development

PREREQUISITES:

Candidate needs to prove fluency in English (Spanish is recommended, but not compulsory) and comply to the following conditions:

- PhD in Marine Biology, Aquaculture, Animal production or Benthic Ecology.
- Experience in one or more of these research areas:
 - ✓ Marine aquaculture research and development,
 - ✓ Marine ecology,
 - ✓ Marine environmental monitoring,
 - ✓ Integrated Multitrophic Aquaculture,
 - ✓ Nutrition,
 - ✓ Genetics,
 - ✓ Ecosystem management.
- A proven track record of research and publications in aquaculture/marine environment
- Good knowledge of experimental design and statistical data analysis.
- Capacity for dissemination of research results to varied target groups
- Experience in scientific project proposal writing -for funding and grant applications
- Competence in software applications, such as Data management, Scientific databases and Statistical programs

WORKING CONDITIONS:

The position is suitable for a full-time employment on annual basis until April 2019. Gross salary circa 2.460,26 €/ month.

First day of employment: 2014-11-14 or upon agreement.

The hired scientists will mainly work in the new Marine Technological and Scientific Park of the ULPGC located near Taliarte Harbour (Gran Canaria, Spain).

Further information about the Foundation Canary Scientific and Technological Park of the University of Las Palmas de Gran Canaria, the University of Las Palmas de Gran Canaria and the concerned research groups can be found on the website:

<http://pct.ulpgc.es>
<http://www.ulpgc.es>



<http://www.giaqua.org>
<http://www.bioges.ulpgc.es>

Your application must include:

- ✓ A cover letter describing how the applicant meets the selection criteria (max. 1 page).
- ✓ A complete *Curriculum Vitae* (complete list of publications, including submitted and accepted manuscripts).
- ✓ A Project proposal (max. 5 pages) outlining your research experience, motivation in the selected position and own scientific interests within the context of the foresaid research topics.
- ✓ Letter of recommendation of two referees.

All documents and information should be provided in English via email at Dr. Juan Manuel Afonso, jafonso@dpat.ulpgc.es

For the evaluation of the merits will be valued:

- 60% CV as the prerequisites
- 30% of the project proposal
- 10% letters of recommendation.

Closing Date: October 29th, 2014