



## Job opening

The Center for Ocean and Society (CeOS) at University of Kiel seeks applications for a position as

### **Doctoral Researcher (m/f/d) in Resource Economics “Climate Change, Biodiversity and Fishery Management”**

starting in March 2021 or as soon as possible thereafter. The position is part of an international joint project called “GenClim” on the effects of climate change on fish diversity and related socio-economic impacts. It is funded by the DFG as part of the BiodivERsA network (<https://www.biodiversa.org/>). The classification takes place in E13 of the TV-L for the public service. The regular weekly working time is 65% of a full-time position (currently 38.7 hours). The position is initially for three years.

When the oceans warm up as a result of climate change, the fish change migration and distribution patterns. The current project is investigating changes in fish populations and their genetic adaptation to the changed conditions in the Eastern Atlantic. The focus is on the North Sea, the Iberian coast and South Africa. Based on this data, forecast models for fish stocks are developed and the economic consequences are modelled. The Center for Ocean and Society is responsible for the bioeconomic modelling in the project. Other project partners are Technical University of Denmark - National Institute of Aquatic Resources (project management), Stellenbosch University (South Africa), Center for Marine Sciences (CCMAR) (Portugal) and ISPA - Instituto Universitário de Ciências Psicológicas, Sociais e da Vida (Portugal).

#### **Job description:**

The candidate (f, m, d) will

- contribute to the development of dynamic regional bio-economic models for the Eastern Atlantic to follow and quantify the economic impacts of induced biodiversity changes, taking interactions due to international fish trade into account
- estimate and quantify regional economic outcomes based on stock dynamics, economic developments as well as management efficiency under MSY management and incorporating alternative management targets brought forward by fishery stakeholders, e.g. also related to regional food security
- study the impact of imperfect information and the impact of better information on fishery management and on economic outcomes
- take part in interdisciplinary exchange and collaboration within the GenClim project
- present and discuss methods and results locally as well as with national and international project partners
- write and publish scientific papers in peer-reviewed journals
- present results at national and international conferences
- support the local GenClim project administration and the organisation of a local Stakeholder workshop

#### **Requirements:**

- excellent master degree or equivalent in economics, agricultural economics, mathematics, environmental and resource economics or in a related field of research
- enthusiasm for scientific work in the area of resource economics and for good scientific practice
- quantitative skills (programming, modelling)
- excellent English communications skills (speaking and writing)
- German skills would be an advantage but are not essential
- innovative, working independently, being team-oriented and good-organized,

willing to spend up to three months at the laboratory of another partner.

We are looking for a motivated person who integrates well into our team. We offer an interesting job at the interface of economics and ecology, with qualified supervision in both fields (resource economics: Prof. Dr. Riekhof, fisheries ecology: Dr. R. Voss).

The position is at the Center for Ocean and Society ([www.oceanandsociety.org](http://www.oceanandsociety.org)) under the operational management of the director Prof. Dr. Marie-Catherine Riekhof with a connection to the Faculty of Agriculture and Nutrition. The Center for Ocean and Society offers a dynamic team of interdisciplinary scientists from various disciplines, strong support and a platform for stakeholder analysis and communication. It is the newly founded cross-faculty research unit in the field of Kiel Marine Science (KMS, [www.kms.uni-kiel.de](http://www.kms.uni-kiel.de)) at the University of Kiel.

The Christian-Albrechts-University of Kiel sees itself as a modern and cosmopolitan employer. We welcome your application regardless of your age, gender, cultural and social origin, religion, worldview, disability or sexual identity. We promote gender equality.

The University strongly encourages women with appropriate qualifications to apply for the position. Women with equivalent qualifications, competence and expertise will be given preference.

The Christian-Albrechts-University of Kiel has an equal opportunities policy for persons with recognized disabilities. Disabled persons with the necessary qualifications will therefore be given priority.

Applications by people with a migration background are particularly welcomed.

Interested candidates should send an application, including letter of motivation, your CV, transcripts of your academic record, and copies of degree certificates in a single PDF file with your family name as the file name to:

Frau Sara Kipar ([skipar@ae.uni-kiel.de](mailto:skipar@ae.uni-kiel.de))

Application deadline is February 8, 2021. Please refrain from submitting application photos.

Please visit our website [www.oceanandsociety.org](http://www.oceanandsociety.org) for further information. For questions specific to the position, please contact Prof. Marie-Catherine Riekhof ([mcriekhof@ae.uni-kiel.de](mailto:mcriekhof@ae.uni-kiel.de)).

