

**A PhD POSITION IN FISHERIES ECONOMICS** is available at Department of Economics and Management, University of Helsinki.

**Keywords** Bioeconomic modelling | Fisheries Economics | Game Theory

The PhD position is one of 20 positions that will be announced within the NorMER network ([www.normer.org](http://www.normer.org)) – a Nordic Centre of Excellence funded by Nordforsk, on behalf of the Top- level Research Initiative (TRI) – **see text box below**.

Deadline for submission is 30th March 2011 Starting date is 1st August 2011, End date is 31st December 2014

**NorMER** With NorMER a new generation of interdisciplinary researchers with experience in combining physical, biological, social and economic aspects of ecosystem management will be formed. The goal is to achieve a better understanding of the impact of climate change on marine resources in the Nordic region. This will be achieved by linking outstanding researcher groups located at all Nordic countries to create novel cross-disciplinary collaborations through joint PhD and Postdoc projects. Each PhD fellow will be internationally co-supervised between participating groups. The students will thus have a home base, but will spend some months working within at least one other node to develop a component of the project.

**Project description** The third PhD project of this cluster (PhD D-3, based in Helsinki) will expand the bio-economic model and address the sensitivity of economic rents and management options from a pan- Nordic perspective. First, the profitability of each cod fishery as it is today will be studied. This is analysed by comparing economic rents from the different four cod fisheries: Barents Sea, North Sea, Baltic Sea and Iceland. Second, a necessary step for a more holistic bio-economic modelling is to analyse cod markets and its relationship with the four fisheries. Is there a common Nordic or international cod market and how does it affect e.g. strategic management of cod under climate change. How does the international fish market under climate change influence the nordic fish market(s) (demand)? How do fishing costs evolve under climate scenarios (supply)? Third, development of ecological and bioeconomic models which are general, but not naive, is a challenging and important task. The visit co-supervised by Florian Diekert and Dag Hjermann in Oslo will provide with the expertise needed to merge ecological and economic models. They will help the PhD student in collecting and scaling the different ecological models to make them ready to be used for comparative socio-economic issues. Together with the Postdoc in economics, the student will visit Torshavn and Nuuk in order to learn from their ecological modeling.

**Qualification** We search for a candidate with a strong background in Fisheries Economics and interdisciplinary research. Strong quantitative skills and experience with bioeconomic modelling are required. In particular, good knowledge of Matlab software is required. Strong interest in marine science, bio-economics and resource management is a further asset. Applicants must hold a MSc degree (or equivalent).

The purpose for the fellowship is research training leading to a successful completion of a PhD degree.

The fellowship requires admission to the research training program at the Faculty of Agriculture and Forestry. Appointment to a research fellowship is conditional upon admission to the Faculty's research training program.

A good command of English is required for all students attending the University of Helsinki. International students who are not native speakers of English must document their proficiency in English.



**7 PhD- and 4 Postdoc positions are now available at *The Nordic Centre for Research on Marine Ecosystems and Resources under Climate Change (NorMER)* – A Nordic Centre of Excellence.**

NorMER ([www.normer.org](http://www.normer.org)) is a new Nordic Centre of Excellence funded by Nordforsk, on behalf of the Top-Level Research Initiative (TRI), which consists of 45 researchers from 10 research units situated within all of the Nordic territories: Norway, Sweden, Finland, Åland, Denmark, Faroes, Greenland and Iceland. This collaborative project combines the expertise of internationally recognized research teams to implement a multidisciplinary research strategy to explore the biological, economic, and societal consequences of global climate change on fisheries resources in the Nordic region, with a primary focus on the Atlantic cod. NorMER will achieve this through a unique program of primary research, for which the members will collaborate in training a total of 15 new PhD students (7 announced in 2011, 8 in 2012) and 5 Postdocs (4 announced in 2011, 1 in 2012) through joint projects that integrate biology, economics, industry and policy.

All 11 positions are now simultaneously announced locally at their respective institutions: <http://www.vacancies.normer.org/>. We encourage all candidates to **apply for more than one position**, if possible. For questions about the network, please contact: [normer-post@bio.uio.no](mailto:normer-post@bio.uio.no)

**Research areas: Ecology, Evolutionary biology and Economy**

Announcement date: 18<sup>th</sup> February 2011

Application deadline: 30<sup>th</sup> March 2011

Starting date: 1<sup>st</sup> August 2011



**Salary** Initially: 1800 – 2300 euros per month, depending on qualifications

**The application must include:**

- A cover letter including a statement of interest, summarizing the applicant's scientific work and interests and describing how she/he fits the requirements for the position
- A CV including a list of published and unpublished works
- Transcripts of records, copies of certificates and grades from bachelor and master level
- Two letters from reference persons or names and addresses of two reference persons
- Copies of relevant published papers and a copy of the MSc thesis.

We encourage all candidates to **apply for more than one position** (see text box). Foreign applicants are advised to attach an explanation of their University's grading system. Please remember that **all** documents should be in English or a Scandinavian language.

Send applications by e-mail to: Dr. Marko Lindroos [marko.lindroos@helsinki.fi](mailto:marko.lindroos@helsinki.fi)