



**Jobbnorge-ID:** 138042

**Søknadsfrist:** Closed

**Nettside:**

**Omfang:**

**Varighet:**

## Postdoctoral fellow in ecosystem modelling for Management Strategy Evaluations

The Institute of Marine Research (IMR) in Norway has an immediate opening for a 4-year position as postdoctoral fellow in the research group of Ecosystem Processes.

The principal areas of research for the current postdoc position is in developing and implementing a Management Strategy Evaluation module within an established Atlantis ecosystem model, and use this and other (R-based) tools to develop and evaluate fisheries management strategies. The work will be done in a team using a set of different models with varying complexity, within a multidisciplinary project at IMR that aims to quantify and reduce uncertainty in stock assessments (REDUS - <http://redus.no>). The goal of the project is to support more optimal fisheries management advice and better prioritization of fisheries monitoring and research. The cross disciplinary project team will include 3-4 post-docs. Extensive research collaboration with national and international institutions is expected and encouraged.

The Ecosystem Processes research group works on research, monitoring and management advice on ecosystem structure, function and dynamics, including climate change effects and impacts of human activities, using both empirical and ecosystem modelling approaches.

### Qualifications

Candidates must have completed a PhD or equivalent degree involving modeling, for example via applied mathematics, applied statistics, fish population modeling, ecological modeling or a related quantitative field. Experience with ecosystem modeling, and especially the Atlantis ecosystem model, and Management Strategy Evaluations is an advantage, but not a requirement.

The successful candidate should have strong quantitative skills and experience in programming in R. Experience in an additional programming language (for example C++) would be an advantage. Good oral and written communication skills in English are required. A working knowledge of the Norwegian language is not required, but language training courses in Norwegian will be offered. The ability to work in a multi-disciplinary team setting is necessary.

### We offer:

- A positive, challenging and creative work environment.
- The opportunity to work in a national institute with a high level of international contact.
- Flexible working hours, and a wide range of welfare services.

The Institute offers a governmentally regulated salary as 1352 postdoctoral fellow and an excellent pension scheme through the Norwegian Public Service Pension Funds, and other welfare benefits (see [www.spk.no/en/](http://www.spk.no/en/) for more information).

The work place will be at IMR in Bergen.

### Additional information

If you need more information, please contact Dr. Cecilie Hansen (e-mail: [cecilie.hansen@imr.no](mailto:cecilie.hansen@imr.no) or +47 984 31 016) or research group leader Mette Skern-Mauritzen (e-mail: [mettem@imr.no](mailto:mettem@imr.no), phone: +47 924 62 615). You can also visit our web site at [www.imr.no](http://www.imr.no).

IMR is an "Including Working Life Enterprise" concerned with diversity and therefore encourages all qualified candidates to apply. Please note that information about applicants may be made public even if an applicant has requested to be exempted from the list of applicants. Applicants will be notified about this in advance.

Please apply electronically using the link on this page, attaching a short letter of motivation, the names and contact details of at least two references, your CV with documentation to support your application (including a list of publications, transcripts or other documentation, and a selection of your most relevant publications).

**Application deadline: 23 May 2017**

### Tilleggsinformasjon

**Arbeidssted:**