INSTITUTE OF MARINE RESEARCH
HAVFORSKNINGSINSTITUTTET

The Institute of Marine Research is one of Europe's largest centres of marine research. We have a staff of around 750 and a wide range of research facilities and laboratories of high international standard. The Institute owns and operates six research vessels. Our main offices are in Bergen, and we have a department in Tromsø and research stations in Matre, Austevoll and Flødevigen.

Permanent position as ecosystem modeler (1109/1110/1183 research scientist)

The Institute of Marine Research (IMR) is seeking an experienced research scientist for a permanent position within ecosystem modeling. The position is placed in the research group Oceanography and climate, with work place in Bergen.

The successful candidate will be a part of the bio-physical modeling team which seeks to assess and quantify various processes, changes in and interactions between the climate, marine environment, plankton, fish and humans.

IMR has a long record in ecosystem modeling starting with coupled physical-chemical-biological (NPD) models, and is now working towards end-to-end (E2E) models including full life-cycle individual based models (IBM) for both fish and zooplankton. These activities are mainly focused around the NORWECOM.E2E model system, but the group also has activities in the drift modeling, such as transport of sea lice, fish larvae, sediments and pollution (see http://www.imr.no/temasider/modeller/en). The bio-physical team counts around ten ecosystem modelers from several different disciplines at IMR, and they are affiliated with various ICES working groups, the Bjerknes Centre for Climate Research (www.bccr.uib.no), and take an active part in the work within the Hjort Cente for Marine Ecosystem Dynamics (www.hjortcentre.no).

The main responsibility for the position will be to actively participate in the development and funding of ongoing and future projects related to ecosystem modeling, especially development and maintenance of NORWECOM.E2E, but the candidate will also be involved in other ecosystem and drift modeling projects and projects within operational ocean modeling.

Qualifications

The successful candidate must have:

- a PhD in oceanography, biology, mathematics or related fields.
- documented experiences within ecosystem modeling.
- excellent programming skills (e.g. Fortran or C).
- good scientific publication record.
- ability to work independently and in a team, as well as have good collaboration skills.

In addition, we appreciate:

- experience in data analysis with Matlab, Python or R.
- good understanding of marine ecosystem dynamics.
- interest and potential to work inter-disiplinary.
- have strong skills in written and verbal communication.

We offer

- a challenging and creative working environment which to a high degree is involved in the relevant scientific questions as a national advisor.
- a good working environment.
- flexible work hours and welfare schemes.

The institute offers a governmentally regulated salary as a research scientist 1109, 1110 or 1183 (corresponding to associate professor or full professor level), depending on qualifications. An excellent pension scheme through the Norwegian Public Service Pension Funds is offered, and other welfare benefits (see https://www.spk.no/en/ for more information).

The working language at IMR is Norwegian. It is expected that international candidates have a will to learn Norwegian. Language training will be offered. The candidate is further expected to contribute to the research group overall goal and activities.

Additional information

For more information, please contact the Oceanography and Climate group manager Jan Erik Stiansen (+47 952 93 712, jan.erik.stiansen@imr.no). You can also visit our web site at 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 cover letter summarizing relevant skills and reasons to apply for the position, a complete CV (e.g. work experience, education, and publication list), three references and transcripts of academic degrees and grades. Applicants should also include pdfs of their up to 15 most relevant papers for evaluation of their employment level within the

Norwegian system (i.e. Norwegian level 1110 or 1183 research scientist).

Application deadline: January 18th 2017

Jobbnorge ID: 131812, Deadline: 1/18/2017