



**Jobbnorge-ID:** 141769

**Søknadsfrist:** Closed

**Nettside:**

**Omfang:**

**Varighet:**

## Researcher within RAS development

Nofima is prioritizing research, development and innovation on future aquaculture industry. A permanent position as researcher is available for candidates interested in research areas at the intersection of biology and technology and with the development of aquaculture in closed systems. The position is related to the centre for research driven innovation SFI CtrlAQUA ([www.ctrlaqua.no](http://www.ctrlaqua.no)). We are looking for a researcher with both theoretical and practical experience within aquaculture technology such as hydro dynamics, sensors, water treatment (technical, chemical and biological) and/or production biology for salmon in closed systems.

To continue and develop research activities within one of our strategic research areas, called "controlled water", will be the main task. This area covers research on land based recirculation systems (RAS) and semi-closed floating aquaculture facilities in the sea. Several of the tasks towards 2023 will be related to CtrlAQUA with emphasis on tests of new prototypes, monitoring of sludge, feed and fish performance as well as development of energy smart water treatment systems and real-time water quality measurements.

### **Required competence:**

- PhD degree and scientific experience within one or several of the following areas: hydro dynamics/computational fluid dynamics, marine technology, sensor developing, water treatment (technical, chemical and biological)
- Experience in project work and preferably as project leader
- Good dissemination skills, orally and written, in English and preferably Norwegian

### **Additional preferred qualifications and experience:**

- Experience with innovation in cooperation with industries
- Familiarity with the Norwegian aquaculture industry
- Experience with interdisciplinary projects
- Experience as supervisor for master and PhD students
- Successful in project acquisition from funding bodies
- Ability to motivate and inspire co-workers
- Ability to work independently as well as in groups
- Experience with different forms of communication (social media, popular science as well as scientific presentations)

The activities within the SFI are located at Nofima's research station in Sunndalsøra and in collaboration with the partners, and the preferred workplace is therefore Sunndalsøra. Travelling between Nofima's offices and to partners is required to a certain extent.

Nofima can offer a progressive workplace with a vision to take part in the development of an aquaculture industry of which future generations can be proud and a strong academic community that covers all links in the value chain represented by the aquaculture industry. Nofima also offers flexible working hours, favourable pension agreements and welfare programs.

Applicants are required to send in an application letter describing qualifications, complete CV including a list of publications, certified copies of educational certificates and transcripts, a description of their scientific publications they consider as significant and a list of minimum three references including contact information.

Other vacancies in Nofima; 3-year position as researcher in the SFI CtrlAQUA and position as senior researcher within RAS development.

For more information regarding the position, contact centre leader Åsa Espmark phone: +47 714 00 139. email: [Asa.Espmark@Nofima.no](mailto:Asa.Espmark@Nofima.no) research director Hilde Toften phone: +47 77 62 90 53 email: [Hilde.Toften@Nofima.no](mailto:Hilde.Toften@Nofima.no) or research director Mari Moren phone: +47 555 01 272 email: [mari.moren@nofima.no](mailto:mari.moren@nofima.no).

## Tilleggsinformasjon

**Arbeidssted:**