Jobbnorge-ID: 111110
Søknadsfrist: Closed
Nettside:
Omfang:
Varighet:

Research Fellow in Improved Oil Recovery (IOR), Task 4: Upscaling and environmental impact.

The University of Stavanger invites applications for a doctorate scholarship in Environmental Microbiology/Microbial Ecology at the Faculty of Science and Technology, Department of Mathematics and Natural Sciences, section Chemistry & Environment.

This is a trainee position that will mainly give promising researchers an opportunity for professional development leading to a doctoral degree.

The research fellow will be appointed for three years. The position is vacant by appointment. The appointee can accede when he/she is admitted to the PhD program in chemistry and bioscience with an agreement to complete the doctorate within the duration of the scholarship.

The National IOR Centre of Norway was established December 1, 2013 by the Ministry of Petroleum and Energy under the auspices of the Research Council of Norway [RCN]. The research partners in the centre are the University of Stavanger, UiS, the International Research Institute of Stavanger, IRIS, and the Institute for Energy Technology, IFE. The Centre is professionally and economically supported by 10 oil companies and 2 service companies (user partners) and has many national and international cooperators.

The Centre shall develop new knowledge and competence for environmental-friendly technology to increase the recovery factor, and the ambition is to become world leading in improved oil recovery. UiS is hosting the Centre (project owner) and is the employer of the fellowship holder. The Centre is described in the application to RCN
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The position is funded by the National IOR Centre of Norway.

Applicants must have a strong academic background with a five-year master degree within Applied and / or Environmental microbiology, environmental biotechnology, microbial ecology, environmental or biological chemistry, preferably recently, or possess corresponding qualifications which could provide a basis for successfully completing a doctorate. Both the grade for the master's thesis and the weight average grade of the master's degree must individually be equivalent to or better than a B grade.

By rating it will be placed on the applicant's potential for research in the field, as well as that person's individual prerequisites for research education.

The appointee must be able to work independently and as a member of a team, be creative and innovative.
The research fellow must have a good command of both oral and written English.

This fellowship position is important for obtaining a scientific position at a University.

The doctorate will mainly be carried out at the University of Stavanger, apart from a period of study abroad at a recognized and relevant centre of research.

The research fellow is salaried according to the State Salary Code, l.pl 17.515, code 1017, LR 20, ltr 50 of NOK 421 100 per annum.

The position provides for automatic membership in the Norwegian Public Service Pension Fund, which guarantees favourable retirement benefits. Members may also apply for home investment loans at favourable interest rates.

The project " Environmental effect of IOR chemicals; Biodegradation kinetics and mechanisms" is part of Task 4**,** "Environmental considerations during injection" the revised application to RCN .
Synopsis: In this project we will address environmental fate of production chemicals used in improved oil recovery. Specifically, existing chemical tests will be reviewed and re-tested (according to relevant and modern techniques). Special attention will be given existing or novel polymeric production chemicals for improved oil recovery, including studies of biodegradation kinetics and molecular mechanisms. Our aim is to evaluate biogeochemical fate (and possibly effects) of IOR chemicals and especially IOR polymers, and conclude upon marine environmental risk. Preferred background:.Applied and/or Environmental microbiology, environmental biotechnology, microbial ecology, environmental or biological chemistry.
Further information about the position can be obtained from:
Roald Kommedal, UiS; roald.kommedal@uis.no; (+ 47) 51 83 18 52
Or Aksel Hiorth, UiS-IRIS; Aksel.Hiorth@iris.no; (+47) 5187 5040; (+47) 924 62 776.

Information about the appointment procedures can be obtained from Helga Bø, telephone (+ 47) 51 83 21 84, email Helga.h.boe@uis.no

The University is committed to a policy of equal opportunity in its employment practices. The University currently employs few female research fellows within this academic field and women are therefore particularly encouraged to apply.

Send cover letter and resume electronically by clicking on the button labeled "apply for this position" on this page. Diplomas, certificates and any other documentation that you wish to be considered, uploaded as an attachment to the application or attached as a link.

Tilleggsinformasjon

Arbeidssted: