



Wetsus, European Centre of Excellence for Sustainable Water Technology, is an independent research institute that creates a strong strategic cooperation for development of profitable and sustainable state of the art water technology.

We are looking for an

experienced researcher (m/f)

in the field of water treatment
0,8- 1,0 fte

For a cooperative project on Biological Oxygen-Dosed Activated Carbon (BODAC) filters for micro-pollutant removal from WWTP effluent.

The company NWTR operates full-scale BODAC filters; those filters were designed for ultrapure water production rather than micro-pollutant removal.

The Profile

The researcher will work within the theme “Advanced Water Treatment”, a theme dedicated to sustainable water purification technologies to remove, among others, micro-pollutants.

The experienced researcher will work with two PhD researchers, their supervisors from University of Groningen, Wageningen University and Delft University of Technology, and the companies NWTR and WON, on understanding the removal mechanisms in oxygenated biological activated carbon filters, and on the subsequent translation into an optimised design.

The tasks are;

- optimising BODAC for micro-pollutant removal, by developing and evaluating alternative designs and operation-modes;
- coordinating the work with the other BODAC researchers, and involved companies;
- contributing to other Wetsus projects that match your profile;
- contributing to dissemination, training and networking aspects of the Wetsus programme.

We are looking for a candidate with:

- a Ph.D. degree, or equivalent research experience, in water treatment;
- affinity with dynamic biofilms and micro-pollutant removal;
- experience with reactor design and dimensioning;
- talent for project management;
- excellent team-working, writing and oral-communication skills.

When you meet the above-mentioned requirements, you have a clear research affinity, and if you are enthusiastic about multidisciplinary cooperation, you are the ideal candidate for us!

The Offer

At Wetsus, you will get the opportunity to grow with an innovative, dynamic and future orientated top research institute. You can accelerate the development of new water solutions in cooperation with prominent companies and universities. Wetsus promotes a close collaboration between its employees and a large network of industrial and academic partners. In this project, you will interact regularly with the members of the research theme ‘Advanced Water treatment’. The workplace is in Leeuwarden, the Netherlands. In addition, you will regular visit the ultrapure water plant from NWTR in Emmen.

This job offer includes:

- a dynamic research project with strong collaboration with universities and companies;
- support for training and career development;
- fulltime appointment for three years, with evaluation after one year; and the possibility to grow into another position at Wetsus;



- a gross monthly salary in accordance with the Collective Labour Agreement of the Dutch Universities, depending on your experience;
- an attractive package of benefits including moving expenses, 35 holiday days (based on fulltime) and end-of-year allowance.

Wetsus, the organization

Wetsus carries out a research programme, in the field of sustainable water technology, in cooperation with 109 companies and 16 universities. The research takes place at the premise of Wetsus in Leeuwarden, which is equipped with state-of-the-art multidisciplinary research facilities. The research programme is organised in 22 research themes. The specific research topics are defined in those themes and carried out by PhD and postdoctoral researchers. The inspiring cooperative and multidisciplinary research results in innovations that contribute significantly to solutions for global water problems.

Information and Application

Your application must include:

- your detailed CV, including a list of publications and conference contributions;
- a one-page motivation letter, explaining your goals and research interests, and how they are aligned with this position;
- at least one reference letter.

Please send your application to Wetsus, for the attention of the HRM department, by email to recruitment@wetsus.nl. For further information about this position, you can send an email to roel.meulepas@wetsus.nl.

The closing date to apply for this vacancy is October 30, 2020. The interviews take place in the first weeks of November 2020. The expected starting date is January 2021.

Acquisition in response to this advertisement is not appreciated