Water has been identified as the major environmental issue of the 21st century. Many parts of the world will experience increasing fresh water shortage, while other parts will have a higher incidence of flooding. Poor water quality is a threat for human society as well as for natural ecosystems. The research focus of the Institute for Water and Wetland Research (IWWR) is the natural environment, in particular aquatic ecosystems and wetlands. Many of these environments have been substantially altered by human impact. The changes have resulted in stress responses of all living biota and impose major challenges to individuals, populations and the ecosystem as a whole. The IWWR studies the mechanisms of adaptation to these changes of microorganisms, plants and animals at the level of the molecule, the cell, the organism and the ecosystem. The tight coupling of fundamental scientific research to application, distinguishes the IWWR from other national and international institutes on water research. Existing interactions with Environmental Science, Biogeochemistry and Plant Ecology are open to continuation. While the emphasis is on fundamental research, the professor in Animal Ecology is expected to link his/her work to practical applications for nature and water management.

The research of the IWWR is carried out by complementary and closely interacting research groups, who study the mechanism of adaptation of cells, organisms and ecosystems to stress. The IWWR has a vacancy for a **Full Professor in Animal Ecology** to establish a strong experimental research program at the levels of the individual, population and/or community, based on fundamental theoretical ecological concepts. Given current expertise within the IWWR, an emphasis on aquatic ecosystems and their fauna would strengthen the opportunities for a coherent program and cooperation. Animal Ecology attracts a large number of (MSc) students and the new professor is expected to contribute to the animal ecology and animal ecophysiology part of the educational (undergraduate) program of the Biology curriculum.

The IWWR provides ample opportunity for scientific cooperation, in particular with Organismal Animal Physiology and a new chair on Ecogenomics, establishing an important link between individual adaptation processes and the ecosystem. Expected qualifications of the full professor in Animal Ecology:

- PhD thesis in relevant area
- Experience with up to date and state of the art methodologies in animal ecology, preferably in (semi)-aquatic environments
- Several years of foreign experience as post-doc or assistant/associate professor
- Knowledge and experience with different forms of (under)graduate education and excellent educational skills
- Scientific creativity and productivity exemplified by a high number of publications and citations
- Extensive (inter)national scientific network
- Successful acquisition portfolio of external grants
- Managerial skills to lead a research group
- Academic leadership
- Excellent communication skills
- Team player

The salary will be between EURO 4,803 and 6,995 gross per month on a full-time basis, depending on qualifications and experience.

Applications should include a cover letter, a research statement, a teaching statement, a curriculum vitae, a list of publications and the names of at least two references.

The application can be sent to the following address, until **November 30th 2008**: Radboud University, Personnel Department, Vacancy number: 62.75.08 PO Box 9010, 6500 GL Nijmegen, The Netherlands

**More information:**
For more information on the vacancy you can contact:
Prof. dr. Jan Hendriks, Tel: +31 24 3652932, e-mail: a.j.hendriks@science.ru.nl