



## Per Bovbjerg Pedersen

Year of birth: 1959

### ORCID

0000-0003-1071-9716

### Degrees

Cand.scient. Aarhus University, Denmark (1980-1987).

### Positions held

Head of Section for Aquaculture, DTU Aqua, Technical University of Denmark (2006-present)  
Researcher, Dept. of Marine Ecology and Aquaculture, Danish Institute for Fisheries Research (DIFRES) now DTU Aqua (1999-2006)  
Head of Aquaculture Department (acting director during part of 1996), DIFTA (1993-1999)  
Biologist (Nutrition and Recirculation technology and systems), Danish Institute for Fisheries Technology & Aquaculture (DIFTA) (1990-1992)  
Acting Company Manager, Botax Aqua Farming Ltd., Aarhus, Denmark (1988-1990)  
Biologist (Recirculation systems and equipment), Botax Aqua Farming Ltd., Aarhus, Denmark (1987-1988)  
Teacher (Aquaculture and environment), Danish Aquaculture Centre, Horsens Polytechnic, Denmark (1988-1990)  
Student assistant during summer field trips, Greenland Fisheries & Environment.....1982-1985  
Teacher (Aquaculture and environment), Danish Aquaculture Centre, Horsens Polytechnic, Denmark (1988-1990).

### Research area

Recirculation systems, technology, and environmental effects. Fish feed and nutrition.

### Memberships of scientific committees, 2016-present

Ministry of Food, Agriculture & Fisheries of Denmark: Working group on export of recirculation technology.  
Ministry of Environment of Denmark: Expert group on a new regulation for Model Trout Farms and various working groups.  
Nordic Network on Recirculation Technology: Initiator and steering group member.

**Web of Science publications:** 73. **Citations:** 1786. **h-index:** 24. **Other peer-review publications:** 10.  
**Book chapters:** 19. **Reports:** 50+.

**International conferences, 2016-present: Contributions as first author:** 2. **Invited:** 1. **Organizing role:** 2.

### Evaluation tasks, 2016-present

Evaluation of research proposals under the Danish Ministry of Food, Agriculture and Fisheries, Norwegian Research Council, Faroe Islands, different research foundations etc.  
Member of the Editorial Board for Aquacultural Engineering.  
Review of manuscripts for a wide range of scientific journals, e.g., Aquaculture, Aquacultural Engineering, Water Research, Science of the Total Environment.

### Advisory tasks, 2016-present

Coordination and a key role in preparation of all advisory activities related to aquaculture towards the Ministry of Food, Agriculture and Fisheries of Denmark and the Ministry of Environment of Denmark. Numerous notes and advisory tasks prepared.

### Educational tasks, 2016-present

DTU courses MSc: Recirculating aquaculture systems (5 ECTS, curriculum development, responsible). Exercises in recirculating aquaculture systems (5 ECTS, co-responsible and-curric. development). Advanced course in recirculating aquaculture systems: Design and application (5 ECTS, curric. development, responsible).

**Supervision**

PhD: Main supervisor: Lars-Flemming Pedersen, Paulo Mira Fernandes, Carlos Letelier-Gordo & Xiaoyu Huang.  
Co-supervisor: Mathis von Ahnen, Paula Andrea Rojas Tirado, Kim Joao de Jesus Gregersen, Godwin Abakari.  
Master thesis >10.

**Innovation activities, 2016-present**

Further development of the Danish concept ModelTroutFarms specifically focusing on nutrient removal.  
Contribution to reduction of phosphorous discharge through feed development.  
Methods to monitor and describe "microbial water quality" in recirculation systems.

**Collaboration with other stakeholders, 2016-present**

Cooperation with public agencies, industry and interest groups in many various aspects.  
Numerous projects, national and international, involving many different private companies, producers and associations including fish farmers, fish farmers association, supporting industry, recirculation system- and equipment suppliers, fish feed producers and suppliers of feed ingredients etc.