

Marianne Holmer  
Det Naturvidenskabelige Fakultet  
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### **Teaching portfolio**

Marianne Holmer, Science Faculty, University of Southern Denmark

### **Teachingadministrative tasks**

Responsible for the educations at the Science Faculty

### **Teachingexperience**

Main topics: Terrestrial and Marine Ecology, Tropical Ecology, Teaching methods in Biology, Biogeochemical seminars, Biological Oceanography, Natural Science projects Field courses in Lake Ecology, Marine Ecology, Biological Oceanography Ph.D. course: Population and community dynamics of aquatic plants and their interaction with the environment. Ph.D. course: Environmental issues of marine fish farming in the Mediterranean Ph.D. course: Nordic Seagrasses Supervised about 20 bachelor, 40 master students and 10 Ph.D. students Member of Ph.D. research training program in Biology

### **Undergraduateteaching:**

Not teaching at the moment

### **Graduateteaching:**

Notteaching at the moment

### **Other:**

Invitedteaching lecture: Gyldensteen Coastal Lagoon. DTU-Aqua master program. Spring2015

### **Previousteaching:**

Ecology (BB510), Field course (BB808), Science project(FF501)

### **Otherstudent tutoring**

Supervision in research projects (BB810)

### **Teachingmethods**

Lectures, seminars, exercises, laboratory courses,field courses, problem-based teaching, project oriented teaching.

### **Educationaldevelopment**

Participated in lecturer training program when I wasassistant professor. Taking various courses in teaching pedagogics andtechnology.

### **Reflectionon teaching practice**

Iprefer to use a mix of different teaching methods to encourage activeparticipation by the students. Lectures are useful for providing specific andlarge amounts of knowledge, whereas more practical instruction is useful fortraining the students to take responsibility for their own learning process andto structure this process. I use seminars, individual and group assignments,field work, laboratory exercises and project work. I aim to inspire thestudents by providing updated knowledge and active dialogue during the lecturesto support their learning process, either on their own during preparation or inthe formal (or informal) group work. If it is possible, I invite guestlecturers to present the original papers to stimulate the students tocritically read the primary literature and to discuss the perspectives with theactual author of the papers.

Ireally enjoy teaching and supervision of students, and have put a major effortin this over the years. I try to organize the supervision within my group, sothat the students can benefit from working together. I usually have individualmeetings with the students once a week and every second week we have groupmeetings, where we discuss their progress and related issues. I encourage thestudents to focus, use the primary literature critically and write reports withperspectives.