



Annual Event 2011

Vilamoura (PORTUGAL)

8-9 September 2011



Education and Culture

Lifelong Learning Programme

ERASMUS



WP1: MSc core group



Presented by *Odd-Ivar Lekang*



1. MAIN OBJECTIVES

- Functional database of Master courses and Master programs within the Aqua-tnet domain
- Discussion and report proposing standard descriptions for programmes, modules and courses to tackle MSc related terminology confusion
- Survey of current Network Master's thesis requirements in order to identify similarities and dissimilarities in procedures and given important recommendation for the future



1. MAIN OBJECTIVES

- Survey of cooperation between Research Institutes & Industrial partners in Master thesis and work placement, and recommendations for protocols/procedures to ensure good future cooperation
- Dialogue with stakeholders to help in identifying new needs, courses and programs
- Use of ICT tools to facilitate the offering at a broader European level of more generic courses (e.g. class by industry staff offered by streaming and VC for students at different partner institutions)



2. RESULTS (1)

- **MSc Database**
 - Target audience : MSc students (most), teachers, industry and research institutes

Welcome to Aqua-tnet's education and teaching platform for the aquaculture, fisheries and aquatic resource management sector in Europe.

The site has been designed so that it is easy to navigate depending on your profile. Select your profile below and start exploring...

[Students](#)[Teachers](#)[Researchers](#)[Industry](#)[Members](#)[General](#)

Aqua-tnet is the European Thematic Network in aquaculture, fisheries and aquatic resources management ([more](#))



Interactive members map



Sign up to our newsletters



Subscribe to RSS newsfeed

News and events

- [NEW \(August 2011\): Successful application Aqua-tnet3!](#)

The Aqua-tnet proposal submission for continuation of our network has been successful! The new project, entitled: "Aqua-tnet - Promoting innovation and a European dimension through Lifelong learning in the field of Aquaculture, Fisheries and Aquatic Resources Management – Thematic Network" will be coordinated by John Bostock from the University of Stirling. We are currently contacting all partners for finalisation of the contract, and expect the new phase to start in October 2011.

Portals and databases

[MASTER DATABASE](#)[PHD PORTAL](#)[MOBILITY PLATFORM](#)



Interactive members map

[Search institutions](#)[Search MSc courses](#)[Search MSc programmes](#)[Search PhD courses](#)[Search mobility courses](#)[Search people](#)

MSc Course Results

Aquaculture

Aquaculture and Marine Resource Management

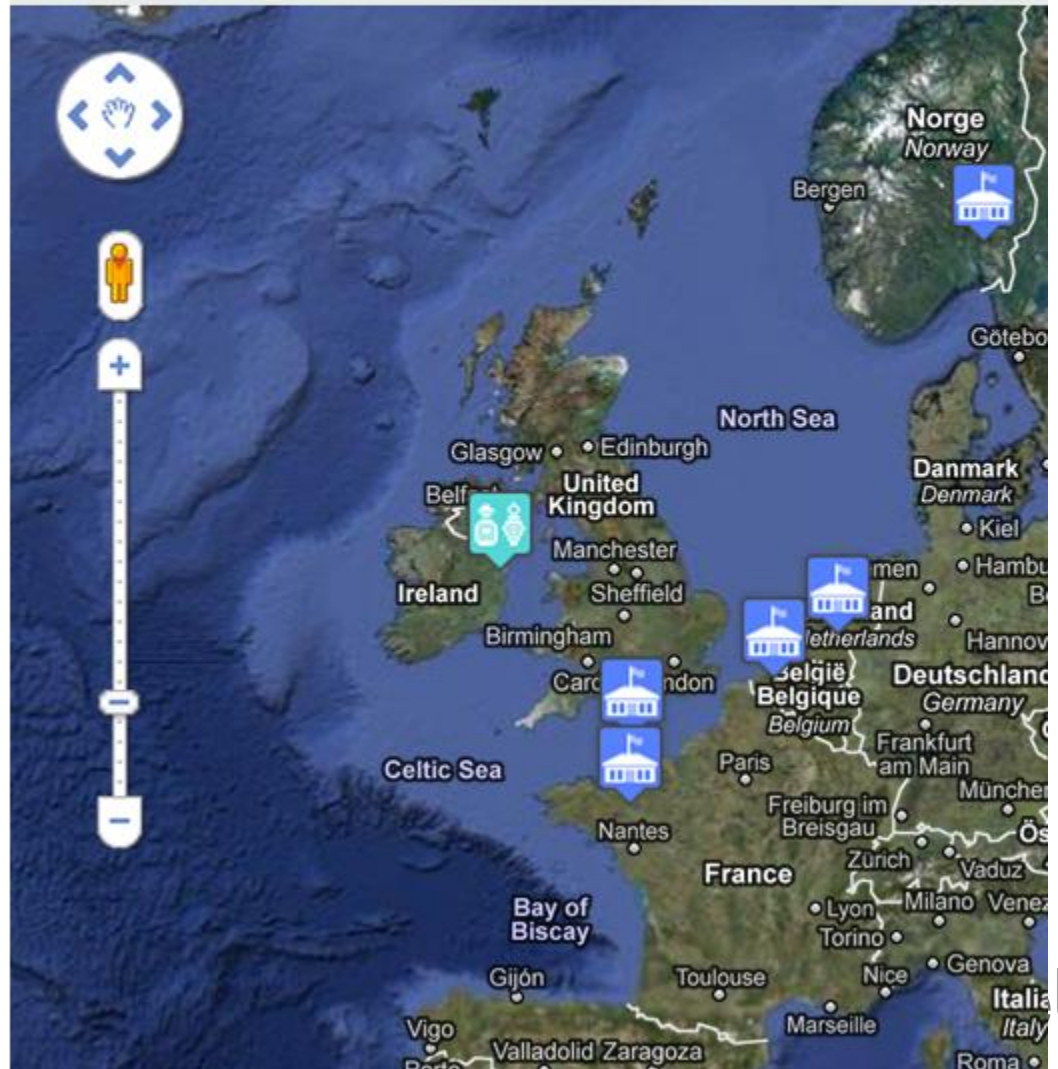
Fisheries & Aquaculture sciences

Manager of aquaculture farms

Master of Science in Aquaculture

Master of Science in Aquaculture

Map loaded





Interactive members map

Search institutions

Search MSc courses

Search

Search MSc programmes

Search PhD courses

Search mobility courses

Search people

Map loaded





Interactive members map

[Search institutions](#)[Search MSc courses](#)[Search MSc programmes](#)[Search PhD courses](#)[Search mobility courses](#)[Search people](#)

Institution Search Results

Aalborg University

Aalesund University College

Agricultural University of Athens

Agrocampus Ovest

Alexander Technological Educational Institution of Thessaloniki

Algarve University - Center of Marine Sciences

Map loaded



Login at the base



Manage Institution

Manage Users

Manage Courses

My Profile | Logout | Back to AquaTNET site

Manage Courses

 [+ Add New MSc Course](#)























MSC COURSES

MSC PROGRAMMES

PHD COURSES

MOBILITY COURSES

MSc Courses

COURSE		
Aquaculture Engineering		
Aquaculture Nutrition		
Basic Aquaculture Engineering		
General Aquaculture - Anatomy and Health in Farmed Fish		
General Aquaculture - Nutrition		
General Aquaculture Breeding and Genetics		
Heat and flow simulation		
Laboratory Course in International Aquaculture		
Optimisation of Fish Breeding Programs		
Planning and Design of Intensive Fish Farms		
Production Technique in Aquaculture		

Manage Courses

[+ Add New MSc Course](#)

MSC COURSES

MSC PROGRAMMES

PHD COURSES

MOBILITY COURSES

Add New MSc Course

ALL FIELDS WITH AN * ARE COMPULSORY

Name/Title of Course *

Please provide the full, official name of the course, in English

Credits (total ECTS) *

Please provide the total ECTS of the course

Subject area *

Please select the subject area of the course

URL Link to more information, please include http://

Please provide a weblink to the webpage dedicated to this course must include http://

Language(s) of instruction *

Please provide the languages this course is taught in Hold down "Control", or "Command" on a Mac, to select more than one.

or [cancel](#)



2. RESULTS (2)

- **MSc terminology report**
 - Target audience : Administrative staff universities (most), teachers, minor stakeholders and students

Main conclusions

- Master programs may be divided in
 - Master of science
 - Vocational/professional master
 - Mix of science and professional
- Does it qualify to start a PhD
- Big variability in Master program duration: from 60 – 120 ECTS, typically 90 -120. In addition to program description it is important to describe the number of ECTS
- The number of ECTS per year 60 to 90 (UK for instance). A full fulltime Master program is therefore 1-2 year.
- Some Master programs include a thesis and some do not. Typical thesis size 30 – 60 ECTS (45-90 and 120 also reported)
- Recommendation to use the term program on the overall level, meaning Master program.
- On elements within the program use the term course or module.

2. RESULTS (3)

- **MSc thesis survey and recommendation report**
 - Target audience : Administrative staff universities (most), teachers, industrial partners and research institutes



Table of content

- RATIONALE AND OBJECTIVES
- PROCEDURE (15 answers)
- RESULTS OF SURVEY
 - GENERAL ASPECTS
 - THE FORMAL PROCEDURES
 - THE PRACTICAL WORK
 - THE WRITTEN PART
 - THE EVALUATION
- SOME RECOMMENDATIONS



2. RESULTS (4)

- **Protocol for master thesis and work placement in the industry and in research institutes**
 - Target audience : Administrative staff universities (most), teachers, industry, research institutes, and students



Protocols

Cooperation between research institutes and industrial partners

Contents

- Introduction
- Results from discussion in WP1 core group
- Results from questionnaire to industrial partners
- Result of discussion and questionnaire research institutes
- General discussion a best practice protocol, development of a check list
- Examples of procedures / protocols work placement and master thesis

Development of a Check list

1. Contact person including contact information, student, university, research institutes/industry
2. The work
 - Brief working plan
 - Estimation of work load
 - Time schedule
 - Routines for what do to when the time schedule is not followed
3. What are the expectations and Learning Outcomes
 - from the student
 - from the university
 - from the research institutes/industry
4. Budget and expenses
 - Estimated budget for the work with all expenses included
 - Who is going to pay for the expenses
 - What if the budget is not followed

Development of a Check list (2)

- Intellectual property of the result
 - Inventions
 - Publishing of data, using of raw data
 - Eventual delay in publication of results
- Secrets of industry/research institute
 - Does the student get information about internal industry/research institute matters
 - Has the industry an agreement covering this purpose
- Health and insurance
 - Will the student be exposed to potential dangerous situations (machines, chemicals etc.)
 - Does the student have insurance for all possible situations
 - If going abroad does the insurance cover this



2. RESULTS (5)

- **Report stakeholder proposal new courses and programs**
 - Target audience : Administrative staff universities, teachers,



2. RESULTS (5)

- **More general skills in higher education**
 - Economy and financial subject
 - Working in teams, personal and social skills
- **Academic Master thesis or not?**
 - Research take max 20 % of master students
- Shall there be more **vocational master** programs in the future
- More exact definition of **Learning Outcome**
Master thesis or not



3. INSIGHTS

- Increase the industrial cooperation
- Develop programs not only academic
- Stimulate the diversity and exchange in programs
- Interaction with NGO and consumers

Contact us

Thank you for your attention

Email: info@aquatnet.com

Website: www.aquatnet.com