



Annual Event 2011

Vilamoura (PORTUGAL)

8-9 September 2011



Education and Culture

Lifelong Learning Programme

ERASMUS



WP10: Research Institutes

Presented by *László Ardó*

1. MAIN OBJECTIVES

1. *Carry out a needs analysis of European institutes to identify effective mechanisms for cooperation with educational sector*
2. *To increase representation from research institutes working in the broader field of aquatic sciences (fisheries and freshwater hydrobiology institutes)*
3. *Invite the state and private research institutes to become more involved in student exchange, as well as participation in curriculum development and evaluation*
4. *Identify interest in implementing „lifelong learning” programmes in RI-s (WP5)*
5. *Provide specialist teaching within existing courses (visiting lecturers from RI-s (WP3)*
6. *To help the network facilitate the exchange of research knowledge so that programmes can be fully up to date*
7. *To identify mechanisms whereby Universities can assist in CPD (Career Progression and Development) with the aim of helping RI-s to up-skill their current staff*



2. RESULTS (1)

- **Database of aquaculture research institutes in Europe**
 - Target audience 1: Researchers, Industry, Educators
 - Use: Search for research partners and interactions
 - Target audience 2: Students
 - Use: Thesis work, student exchange



2. RESULTS (2)

- **Needs analysis of European researchers (30 responses, to be evaluated)**
 - Target audience 1: Educators
 - Use: Organizing aquaculture courses for researchers (MSc. and PhD)
 - Use: Implementation of lifelong learning programmes
 - Target audience 2: Students
 - Use: Future „users” of new learning courses



- **Responses:**

- Women: 14
- Men: 16
- **Total: 30**




Responses:

- Hungarian: 6
- Romanian: 3
- Bulgarian: 3
- Finnish: 2
- French: 2
- Greek: 2
- Spanish: 2
- Portuguese: 1
- Turkish: 1
- Belgian: 1
- British: 1
- Icelander: 1
- Irish: 1
- Lithuanian: 1
- Northern Irish: 1
- Norwegian: 1
- Serbian: 1




Example: Which fields do you have deficiencies in (general skills)?

- Statistical methods and software (17)
- Models and simulations (20)
- Experimental design (5)
- Laboratory skills (4)
- Knowledge of professional English language (8)
- Scientific writing and presentation methods (4)



Example: Which fields do you have deficiencies in (Aquaculture special skills)?

- Fish physiology (6)
- Fish genetics (10)
- Fish pathology (11)
- Fish immunology and welfare (14)
- Molecular biology (14)
- Aquatic ecology and water quality management (6)



Example: Which fields do you have deficiencies in
(Aquaculture special skills)?

- Aquatic engineering, mechanics (13)
- Fish nutrition and feeding (8)
- Rearing technologies (10)
- Fish taxonomy and faunistic (10)
- Regulations of environmental issues and nature conservation (11)
- Quality and quality assurance of fish meat (18)
- Market issues and economics (15)




Example: Would you like further training or to attend a postgraduate course (general skills)?

- Statistical methods and software (20)
- Models and simulations (17)
- Experimental design (13)
- Laboratory skills (9)
- Knowledge of professional English language (9)
- Scientific writing and presentation methods (9)



Example: Would you like further training or to attend a postgraduate course (Aquaculture special skills)?

- Fish physiology (8)
- Fish genetics (10)
- Fish pathology (8)
- Fish immunology and welfare (12)
- Molecular biology (12)
- Aquatic ecology and water quality management (6)



Example: Would you like further training or attend a postgraduate course (Aquaculture special skills)?

- Aquatic engineering, mechanics (7)
- Fish nutrition and feeding (9)
- Rearing technologies (8)
- Fish taxonomy and faunistic (3)
- Regulations of environmental issues and nature conservation (12)
- Quality and quality assurance of fish meat (6)
- Market issues and economics (14)



3. INSIGHTS

- ***Possibilities of lifelong learning at research institutes***
- ***Introduction of new research methods in short-term courses***



Please find and fill the questionnaire at:

<http://www.aquatnet.com/index.php/72/researchers/>

Contact us

Thank you for your attention

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Website: www.aquatnet.com