



European workshop on mesocosm experiments and implications in aquatic ecology research

In the frame of MESOAQUA European project France, Montpellier-Sète, 9-10 November 2010

Generality

Within the frame of the MESOAQUA European project (www.mesoaqu.eu), the second workshop will be held in Montpellier - Sète, France, on 9th - 10th of November 2010 with presentations from world-class leading researchers in mesocosms studies on the first day followed by group discussions and a visit of the Medimeer infrastructure in Sète as an example of mesocosms facilities available in Europe on the second day.

Scientific objective

Presentation of some results from mesocosm experiments realized at different latitudes (Mediterranean Sea, Arctic Sea, American continent); discussion about scientific questions including ocean acidification; practical challenges, scale dependency and statistical considerations.

Preliminary Program

Tuesday, 9 Nov 2010 Morning

- 9:00 – 11:00 Workshop Introduction and presentation of partners

- Introduction and presentation of Workshop schedule:
Behzad Mostajir (France, 15 min)

-Presentations of MESOAQUA and different partners/infrastructures:
Jens Nejtgaard (Norway, project coordinator, 15 min), Ulrich Sommer (Germany, 15 min), Ulf Båmstedt (Sweden, 15 min), Ulf Riebesell (Germany, 15 min), Vivi Pitta (Greece, 15 min), Hallvar Gisnaas (Kings Bay, Norway, 15 min), Behzad Mostajir (France, 15 min)

- 11:00 – 11:30 Coffee Break

- Mesocosm experiments at different latitudes: some results and general consideration

11:30 – 12:15 Frede Thingstad (Norway)
Mesocosms from the eastern Mediterranean to the Arctic. Scientific questions and practical challenges

12:15 – 13:00 Ulf Riebesell (Germany)
The EPOCA mesocosm study on ocean acidification in the Arctic: experiences and first results

13:00 – 14:30 Lunch

Tuesday, 9 Nov 2010 Afternoon

- Mesocosm experiments at different latitudes: some results and general consideration (continued)

14:30 – 15:15 Gustavo Ferreyra (Canada)

Mesocosms studies at wide geographic scales in the Americas

- Lakes as the natural mesocosms and their use in aquatic ecology research

15:15 – 16:00 Rolf Vinebrooke (Canada)

Scale dependency of aquatic experiments: From bottles to lakes

16:00 – 16:30 Coffee Break

-Statistical design and mesocosms experiments

16:30 – 17:15 Tom Anderson (Norway)

Statistical considerations in mesocosm designs

-17:15 – 17:30 Conclusion