



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 trophic pathways, ocean acidification, scale dependency, and statistical considerations.

MESOAQUA invites 20 Ph.D. students and early carrier scientists

Young researchers who seek to further develop their knowledge on mesocosm experiments and having a particular interest on mesocosms research in aquatic science can apply to participate to the workshop. MESOAQUA will cover the costs for accommodation and expenses of 20 young scientists for the duration of the workshop. Travel expenses will remained at the charge of selected candidates. Ph.D students and young scientists wishing to attend this workshop should send a 1 page CV which includes a statement of their interest to Dr. Behzad Mostajir (Behzad.Mostajir@univ-montp2.fr) and Dr. Romain Pete (romain.pete@univ-montp2.fr) before Friday the 15th of October 2010.

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 Nejstgaard (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 Riebesel (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

-Statistical design and mesocosms experiments

16:00 – 16:45 Tom Anderson (Norway)
Statistical considerations in mesocosm designs

-16:45 – 17:00 Conclusion

- 20:30 Diner (venue to be determined)

Wednesday, 10 Nov 2010, morning

- 8:30 Departure to Sète Marine Station

- 10:00 – 11:00 Group Visit of MEDIMEER and Sète Marine Station

- 11:00 – 13:00 Group work and Discussion

Conducted by invited speakers and Meso-aqua partners

13:00 *Lunch*

Wednesday, 10 Nov 2010, afternoon

-15:00 – 18:00 Group work and Discussion

Conducted by invited speakers and Meso-aqua partners

- 18:00 Return to Montpellier

- 20:30 Diner (venue to be determined)