



## Timetable for first MESOAQUA workshop

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*Monday 12 October*

Arrival, transport by chartered bus or pre-paid taxi to Hotel Winn in central Umeå

*Tuesday 13 October*

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| 08:00 | Transportation by bus to Umeå Marine Sciences Centre   |
| 09:00 | Welcome and general practical information  |
| 09:10 | Presentation of participants   |
| 09:30 | Aim of the workshop general aim of WP 2 and plans for the work included  |
| 09:45 | Demonstration of the mesocosm facility at UMSC and a guided tour at the lab.   |
| 10:30 | Coffee brake   |
| 11:00 | Lecture by Göran Englund: Scaling in ecology and the significance of scales when studying different ecological systems.  |
| 11:45 | Lecture by Patrik Kraufvelin: Experimental design/statistics in mesocosm studies, exemplified by studies on benthic systems.   |
| 12:30 | Lunch  |
| 14:00 | Partners presentation on their mesocosm facilities and what they see as main constraints in using them as tools to test scientific hypotheses.   |
| 15:00 | Coffee brake   |
| 15:30 | Group work. Each group should define the optimal experimental design – type and dimension of mesocosm, replicate numbers, variables included, sampling frequency etc - for a given mesocosm study. |

# MESOAQUA



- 16:30 Steering committee meeting
- 18:45 Scientific Advisory Board meeting
- 20:00 Dinner
- 21:30 Transportation to the hotel Winn

*Wednesday 14 October*

- 08:00 Transportation by bus to Umeå Marine Sciences Centre
- 09:00 Presentations of group work (from yesterday) and general discussions around these
- 09:45 Lecture by Georg Pohnert: Chemical signalling/metabolomics in mesocosms.
- 10:30 Coffee brake
- 11:00 Lecture by Christian Wexels Riser: Possibilities and constraints in measuring sedimentation rate in mesocosm enclosures.
- 11:45 Group work: Optimizing a mesocosm study, including cost and time, accuracy and precision of measurements, random variability, weighing importance of different variables etc.
- 13:00 Lunch
- 14:00 Presentations of group work and general discussions around these
- 15:00 Coffee brake
- 15:30 General discussion on a plan for the second workshop and a first outline of the planned publication on guidelines for mesocosm work
- 17:00 Time for informal discussions between participants
- 18:00 Transportation by bus to Umeå
- 20:00 Dinner at a restaurant Tapas in central Umeå

*Thursday 15 October*

- 08:15 Transportation by bus to the airport for those leaving with flight at 09:45
- Taxi to the airport 1 hour and 15 minutes before the flight leaves for others
- 09:00 Transportation to Umeå Marine Sciences Centre for those attending the experiment