



Course in Experiments in environmental science: from the design to data sharing

3 CFU

(organized by S Frascchetti and Giulia Maisto,)

Day 1: Opening by Lisandro Benedetti Cecchi (Università di Pisa)

The logic of experimental design (2 hours)

Day 2/3: *Experiments in marine and terrestrial ecology* Simonetta Frascchetti and Giulia Maisto (Federico II, theory 4 hours)

Day 3/4: *Experiments into practices* Simonetta Frascchetti and Giulia Maisto (Federico II, practicals 6 hours)

Day 5: *Restoration ecology: from theory.....* Luigi Musco (SZN, 3 hours)

Day 6: *.....to practice* Laura Tamburello – (SZN, 3 hours)

Day 7: *Good science and bad communication: design principles for scientific visualization* Donato Giovannelli (Federico II, 2 hours)

Day 8: *The issue of data sharing* – Marilu Chiusano (Federico II, 2 hours)

Day 9: *Concepts of database architecture* - Federica Foglini (CNR Ismar Bologna, 2 hours)