



The PERSEUS Summer School

“The contribution of environmental indices in meeting the objectives and principles of the Marine Strategy Framework Directive”

3-7 June 2013
Constanta, Romania

Draft Programme:

3.06.2013

Violin Raykov – Institute of Oceanology – BAS, Department of „Marine biology and ecology”, Varna, Bulgaria

9.00 -12.00

- Fishery related indices - Criteria and indicators;
- Size based indicators;
- F_{msy} framework – worldwide experience;

13.30-15.00

- Indicators calculations –choice, examples and exercises;
- Region specific applicability;
- Future proposals;

4.06.2013

Angel BORJA – AZTI – Tecnalia - Marine Research Division, Spain (AMBI, M-AMBI index and MSFD assessment issues)

9.00-13.00 (*lecturing*)

- benthic indices: AMBI and M-AMBI ;
- overview of the integrative MSFD methods;

14.30-18.30 (*practicals*)



5.06.2013

Cristina MAZZIOTTI - ARPA Emilia-Romagna, Struttura Oceanografica Daphne, Italy

(TRIX index)

9.00-12.00

- Environmental indices: definition;
- Environmental indices in MSFD;
- Coastal eutrophication;
- Socio-economic aspects: eutrophication management;
- Northern Adriatic sea system: Emilia-Romagna coastal waters;
- N/P ratio;
- Trix Index: history;

13.30-15.30

- Trix Index: computation;
- Trix Index: application;
- Trix Index: exercises;

6.06.2013

Field trip/festive dinner;

7.06.2013

Giovanni COPPINI - Euro-Mediterranean Centre for Climate Change (CMCC), Italy

(EEA ocean color based index)