



# United Nations Environment Programme



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**ENGLISH** 



#### **MEDITERRANEAN ACTION PLAN**

Workshop on the MED POL Biological Effects Programme: Achievements and Future Orientations

Alessandria (Italy), 20-21 December 2006

## PROVISIONAL PROGRAMME OF WORK

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## WEDNESDAY, 20 DECEMBER 2006

Time	Topic	Presented by			
09:00-09:30	Registration of participants				
09:30-09:45	Opening of the workshop				
Biomonitoring in the Mediterranean					
09:45-10:15	Evolution of biological effects monitoring/research/intercalibration programme in MED POL Phase III	Aldo VIARENGO			
10:15-10:45	Results of the BEEP monitoring programme along the N.W. Mediterranean coast using biomarkers in sentinel mussels and mullets,	Miren CAJARAVILLE			
10:45-11:15	Coffee break				
11:15-11:45	Lessons learned from BEEP and MED POL application on the Adriatic and Algerian coasts,	Elena FABBRI			
11:45-12:15	Chemical bioaccumulation and biological effects in caged mussels along the French Mediterranean coast	Thierry BURGEOT			
12:15-12:45	Questions				
12:45-14:00	Lunch				
14:00-14:20	Biomonitoring the pollution in Thermaikos Gulf (Greece)	Vasilis DIMITRIADIS			
14:20-14:40	Biomonitoring the Gulf of Patras (Greece) using caged mussels	Dimitrios KALPAXIS			
14:40-15:00	Monitoring of biological effects in mussels from the Iberian Mediterranean coast	Juan Antonio CAMPILLO			
15:00-15:20	Heavy metals and metallothionein content in mussels from the Albanian coast and related problems for further work	Pranvera LAZO			
15:20-15:40	Coffee break				
15:40-16:00	Mussel watch in transition waters; the Venice Lagoon experience	Cristina NASCI			
16:00-16:20	EROD in Syrian Chelon labrosus and Siganus rivulets,	Samar IKHTIYAR			
16:20-16:40	Heavy metal assessment along the Tunisian coast using molecular tools,	Mohammed BANNI			
16:40-17:00	Questions/Discussion				

### THURSDAY, 21 DECEMBER 2006

Time	Topic	Presented by
09:30-09:50	Biomonitoring in the Slovenian coastal Sea during MED POL Phase III (1995-2005)	Andreja RAMSAK
09:50-10:20	CYP1A1, MT, AchE and lysosomal stability techniques and the development of a new biomarker "Displaced GST activity (D-GST) in haemolymph" to monitor exposure of the limpet <i>Patella coerulea</i> and the fish <i>Lisa ramada</i> to marine pollution	Aminadav YAWETZ

### NEW DEVELOPMENTS\_AND RECOMMENDATIONS FOR MED POL PHASE IV

10:20-11:00	Biomarkers as prognostic tools for health effects in a polluted environment  Coffee break	Angela KÖHLER
11:00-11:20 11:20-11:45	Integrated Biomarker Responses (IBR) Index as a useful tool for environmental assessment evaluated using transplanted mussels in the NW Mediterranean	Michèle ROMEO
11:45-12:30	Multimarker Pollution Index (MPI): an intermediate step in the 2-tier approach	Jean-François NARBONNE
12:30-13:00	Questions/Discussion	
13:00-14:00	Lunch	
14:00-17:00	A proposal for the utilization of a 2 Tier Approach to rank organisms sampled along the Mediterranean coast, followed by discussion on a proposal for MED POL Phase IV (coffee break at 15:30)	Aldo VIARENGO