

Colloque Hydroécologie Hydroecology Conference

SOFITEL Centre, Strasbourg (France)

22- 23 May 2003

Draft Program

22 MAY

9:00 am Opening remarks by Charles Teisson (Chairman of the Hydroecology Committee)

9:30 am Session 1: Hazardous Substances.

- 1.1. Dangerous substances covered in the Water Framework Directive.
- 1.2. Risk assessment applied to hazardous substances. H  l  ne Magaud (INERIS France)
- 1.3. Pertinence for the marine environment of the WFD list of priority substances and environmental quality standards. Methodological considerations. Links with OSPAR agreement recommendations. Michel Marchand (IFREMER, France), Chryst  le Tissier (INERIS, France)
- 1.4. A tool for evaluating health-related and environmental risks. Philippe Ciffroy (EDF R&D France)

11:00 am Session 2: Hazardous Substances. Applications and user perspectives.

- 2.1. Impact of the WFD on production of drinking water.
- 2.2. Impact of the WFD on metal production.
- 2.3. Implications of the WFD for cooling waters in the Netherlands. Henk Jenner (KEMA The Netherlands).
- 2.4. Evolution of the Environmental Risk of Discharges of Hazardous Substances: feedback on thermal discharges. Pierangela Cristiani (CESI Italy).
- 2.5. Chemical releases from nuclear plants. M-H. Thomas (EDF/DPN France).

12:30 - 2:00 pm Lunch on the premises.

2:00 pm Session 3: Ecological status.

- 3.1. The concept of ecological status and ecological potential in the WFD.
- 3.2. Tools for biological assessment of the ecological status of hydrosystems.
- 3.3. The "IBGN" as an instrument for assessing the ecological status of rivers.
- 3.4. Coastal Quality Evaluation System.
- 3.5. Statistical analysis of planktonic community structure to evaluate the quality of deeply modified aquatic systems. Elisabetta Garofalo (CESI) & Luciano Gilli (Envitech) Italy.

3:30 - 5:00 pm Session 4: Ecological Status.

- 4.1. Management of silver eel: human impact on downstream migrating silver eel in the river Meuse. Maarten C.M. Bruijs (KEMA Netherlands)
- 4.2. Monitoring of the ecological status of aquatic ecosystems influenced by an Italian power plant discharge: example of plan revision in the light of the WFD. Cironi Romeo & Pierangela Cristiani (CESI. Business Unit Environment) Italy.
- 4.3. Benefits of biological monitoring on water bodies. An overview of long-term data collected in the vicinity of nuclear power stations.
- 4.4. Ecological status and hydropower. Jacques Miquel (EDF MH, France).
- 4.5. Some R&D questions raised by the objective of good status. Philippe Gosse and C  cile Machet (EDF/R&D)

7:30 pm Evening hosted by the Hydroecology Committee

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9:30 am Session 5. Ecological status and hydropower on a major European river : the middle reach of the Rhine.

- 5.1. CIPR projections for the Rhine in 2020.
- 5.2. Kembs impact study. Alain Garnier (EDF UP Est)
- 5.3. The "Au Fil du Rhin" project. Isabelle Ardouin (EDF, UP Est)
- 5.4. Design of fish passes at Iffezheim and Gamsheim. François Travade and Jean-Pierre Bouchard EDF R&D and
- 5.5..Monitoring of fish passes.

11:00 am General discussion and closing remarks

12:30 - 2:00 pm Lunch

2:00 - 4:00 pm Nature walk along the Rhin.