

2003- 2004 **ECOTRAITS**

FRESHWATER BIOMONITORING ACROSS ECOREGIONS THE BIOLOGICAL AND ECOLOGICAL TRAITS OF INVERTEBRATE COMMUNITIES

EC-INCO2: ICA1-2002-70055 - Individual grant of the EC/INCO programme

Coordinator:

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End-users:

The Chief Inspection of Environmental Protection (GIOŚ - Warszawa)

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Contact person: Dr. Hanna Soszka

No	Institutions	City / Country
1	University of Metz - Centre of Ecotoxicology, Biodiversity and Environmental Health	Metz, France
2	University of Łódź	Łódź, Poland
Cooperation intended		City / Country
3	CNRS Ecologie des Eaux Douces et des Grands Fleuves, Université Claude Bernard - Lyon I	Lyon, France
4	University of Essen, Department of Hydrobiology	Essen, Germany
5	BOKU, University of Agricultural Sciences	Vienna, Austria
6	Centre for Ecology and Hydrology	Dorchester, United Kingdom

Impacts and Benefits

The project will provide for:

- (1) to obtain the knowledge of developed in France bioassessment expert-system based on ecological and biological species traits of benthic macroinvertebrates - to use bio- and ecological profiles of taxa and environmental characteristics for integrated ecological assessment of water quality;
- (2) to analyse and define the discriminatory power of selected indicator macroinvertebrate groups and environmental variables for determining human-induced alterations;
- (3) developing of compatible database systems and an extension of the data storage across Eco-regions (reference sites vs. gradient of human induced alterations) for the wider benefits of the European Commission and NAS.