



United Nations
Educational, Scientific and
Cultural Organization



European Regional
Centre for Ecohydrology
Under the auspices
of UNESCO

Programme of the Postgraduate Research Study in Ecohydrology

No. Topic	Responsibility Person
1. Ecohydrology - an integrative system approach for sustainable water resources management	Prof. Maciej Zalewski
2. Ecohydrology : Implementation of the Ecohydrology concept in Demonstration Projects on Ecohydrology in different regions of the World	Dr Iwona Wagner
3. River Floodplain : Quantification of nutrients retention efficiency on the river floodplain area and management strategy for an eutrophic reservoir restoration	Dr Edyta Kiedrzyńska
4. Reservoir/Lake : Hydrology as key driver of phytoplankton dynamic in eutrophic reservoir	Dr Katarzyna Izydorczyk
5. Reservoir/Lake : Application of HPLC technique for monitoring of cyanotoxins	Dr Tomasz Jurczak
6. Reservoir/Lake : Monitoring toxigenicity of cyanobacteria by application of molecular methods	Prof. Joanna Mankiewicz-Boczek
7. Reservoir/Lake : The role of filtering zooplankton and benthic filtrators (<i>Dreissena polymorpha</i>) in controlling nutrients' pathways in the Sulejow Reservoir	Dr Adrianna Wojtal - Frankiewicz
8. Reservoir/Lake : Hydrological conditions as a driving force of fish community structure and behaviour	Prof. Piotr Frankiewicz
9. Reservoir/Lake : Hydroacoustics as a tool for accessing ecological quality of aquatic ecosystems	Prof. Małgorzata Godlewska
10. Catchment : Application of biological method (denitrification wall) for reduction of nitrogen pollutants in agricultural catchment	Dr Agnieszka Bednarek
11. Catchment : Integration of fisheries research and aquaculture into Ecohydrology Framework	Dr Zbigniew Kaczkowski
12. Catchment : Assessing the ecological status of river systems using fish assemblages	Dr Małgorzata Łapińska
13. Catchment : Sinks and sources of organic pollutants to aquatic biota	Dr Magdalena Urbaniak
14. Catchment : Implementation of Ecohydrology solutions at landscape level	Dr Kinga Krauze
15. Urban catchment : Use of the phytotechnology to sewage sludge utilization on the area of Sewage-Treatment Plant in The Łódź City	Dr Agata Drobniewska
16. Urban catchment : Ecohydrology concept in restoration of the Sokolowka river for storm water management and improvement water quality.	MSc Wojciech Frątczak