



**Conference on Water Observation and Information System For Decision Support  
23-26 May 2006 - Ohrid, Republic of Macedonia**

**PAPERS BY TOPIC**

**TOPICS**

- |   |  |
|---|--|
| 1 - Climate and Environment                 | 5 - Water bodies protection and Ecohydrology |
| 2 - Hydrological regimes and water balances | 6 - Lakes and Wetlands                       |
| 3 - Droughts and Floods                     | 7 - Hydrological modeling                    |
| 4 - Integrated Water Resources Management   | 8 - Information systems                      |

**PAPERS**

**Topic**

**Number and Title of Paper**

- |   |  |
|---|--|
| 1 | A-001 : Drought Prediction over North-East of Iran By Using Downscaling Technique Direct on GCMs Output                            |
| 1 | A-010 : North Atlantic Oscillation (NAO) and it's effects on temperature and precipitation over northwest of Iran                  |
| 1 | A-023 : The effect of micro irrigation regimes on Gladiolus corm production  |
| 1 | A-024 : The investigation of water uniformity distribution and irrigation efficiency on some irrigated farms in Iran               |
| 1 | A-025 : Irrigation management of maize affected by manure application  |
| 1 | A-026 : Irrigation schedule for soybean using plant canopy and air temperature difference  |
| 1 | A-027 : Determination of Spatial Distribution Map of Evapotranspiration by Geostatistical Interpolation Methods in Tehran province |
| 1 | A-028 : Innovations for sustainable agriculture  |
| 1 | A-044 : Climatological Analysis of the Synoptic Situations Causing Dry Wind and Droughty Spells in Bulgaria                        |
| 1 | A-051 : Seasonal Rainfall Trend in Arid and Semi-arid Regions of Iran  |

- 1 A-071 : Indicators of desertification in Serbia
- 1 A-072 : Secular Changes in the Annual Extreme Rainfalls over India
- 1 A-085 : Changes in the Climatic Regime on the Caspian sea regions over the past century
- 1 A-089 : A study of soil moisture relationships at the area of Radmilovac experimental field near Belgrade
- 1 A-101 : Phenology – indicator of plant response to climate regime
- 1 A-104 : Spatial and temporal variability of Romanian precipitation and river flows on winter period in connection with the North Atlantic Oscillation
- 1 A-107 : Aspects Regarding Water Surface Evaporation in Romania
- 1 A-110 : Warm and cold waves and precipitation variability on territory BiH in last ten years comparative with row 1961-1990
- 1 A-116 : Seasonal rainfall Intensity and Frequency in Turkey
- 1 A-117 : Effects of North Atlantic Oscillation on precipitation and stream flow at Buyuk Menderes Basin
- 1 A-118 : The Spectral Analysis Method for the Evidence of the Teleconnection of Phreatic Levels with the North Atlantic Oscillation in the Frame of Natural Variability Regional Impact in the North-Western Part of Romania .
- 1 A-119 : Producing climate indices and climate change monitoring in the Middle East
- 1 A-120 : Early Thunderstorms at Blaj
- 1 A-121 : The use of SRTM Digital terrain model for the spatial representation of Liquid and Solid Runoff – Altitude Links
- 1 A-126 : Changes of climate and risk of climatic disasters
- 1 A-127 : Time variation of dust concentration and deposition in Sofia during the period 1981 - 2002
- 1 A-132 : Fog and dew collection projects
- 1 A-137 : Climatic and anthropogenic impacts on the hydroecological regime of a large freshwater body
- 1 A-143 : The warm season runoff dependence on the drought indices in Lithuania
- 1 A-144 : Effect of Weather variations on agricultural Production
- 1 A-145 : The main characteristics of soil temperature regime in Ohrid- Prespa zone
- 1 A-146 : Climate and its Impact on the Erosion Process in Ohrid-Prespa Zone of Albania
- 1 A-148 : Snowfall Time series comparison between Appennines an Balkan Peninsulas - A climate Change Challenge
- 1 A-152 : Assessment and Mapping of Soil Erodibility and Rainfall Erosivity in Bulgaria
- 1 A-153 : Soil Erosion Risk Assessments in Bulgaria
- 1 A-155 : The Extreme Precipitation Events over South Adriatic Part of Croatia
- 1 A-156 : Homogeneity testing of precipitation time series in Croatia

- 1 A-157 : Standardized Precipitation Index: Monitoring tool for meteorological drought
- 1 A-158 : Hydrological Impacts of Thinning in a Deciduous Forest Ecosystem
- 1 A-159 : Soil Buffering System Against Acid Deposition in Belgrad Forest Ecosystems
- 1 A-165 : Extreme Hot Spells and Heat Waves on the Territory of Bulgaria
- 1 A-171 : Meeting the Increased Irrigation Demand as a Result of Climate Change
- 1 A-173 : GPS, NCEP Data and METEOSAT precipitable water comparisons for Balkan area
- 1 A-175 : Mapping Precipitation Variability Using Different Interpolation Methods
- 1 A-183 : Definition of rainfall Erosivity in the area of experimental Station Snagovo
- 1 A-192 : Ozonosphere and climate – satellite research
- 1 A-194 : Meteorological drought monitoring by using SPI model and GIS in Isfahan province
- 1 A-201 : Landscape-Geochemical Approach for Evaluation of the Iskar River Basin State in the Western Balkan Mountain ( Bulgaria )
- 1 A-204 : Flood event in Bulgaria in August 2005 (The Ichtiman Cyclone)
- 1 A-206 : An investigation of the open water surface evaporation variation over the territory of Bulgaria
- 1 A-210 : South European Rain Rate Modulation by NAO and Atmospheric Circulation Regimes
- 1 A-216 : Climate variability of the discharge level in the lower Danube Basin and teleconnection with NAO
- 1 A-228 : Factors generating the windbreaks of 5-6 November 1995 in Mures, Harghita, Bistrita Nasaud and Covasna counties
- 1 A-232 : Simulation of precipitation over the balkans using ERA40 data for climate adaptation
- 1 A-234 : Changes in evaporation, temperature and precipitation data during the measurement season of evaporimeter class A pan in Croatia
- 1 A-239 : The statistical analysis of wet and dry days by ninary Darma (1.1) Model in Split
- 1 A-241 : Study on climatological variability in the region of natural Park
- 1 A-253 : Long-term in temperature, precipitation and run-off at the croatian eastern Adriatic Coast
- 1 A-254 : Background levels of precipitation chemical composition and the impact of Sofia
- 1 A-255 : Precipitation chemistry - rapid information system
- 1 A-262 : Statistics of energy Potential from Hydropower plants in Macedonia
- 1 A-267 : A case study on Utilization of Precipitation Indices in Bulgaria
- 1 A-269 : Synthetic data-based meteorological drought modeling
- 1 A-279 : Vertical water content distribution in the unsaturated soil by TDR measurements at shallow depth: mass balance and analytical solutions of the linearized Richards equation

- 1 A-290 : Estimation of the climate change of evaporation in Struma river basin in Bulgaria
- 1 A-291 : Climate Conditions in the Biosphere Reserve "Srebarna" Region
- 1 A-292 : Investigation of the Evapotranspiration Regime in region of Town Rouse
- 1 A-298 : Potential evaporation and evapotranspiration in Republic of Macedonia for the period 2001-2005
- 1 A-300 : Watershed Conservation And Management Of Glacial Lake Outburst Flood; Combating Climate Change in Himalayan Environment
- 1 A-302 : Drought and forest decline in region vulnerable to desertification in the Republic of Macedonia
- 1 A-308 : Preliminary Impact Assessment of Nuclear Power Plant "Belene"
- 1 A-311 : Comparison between Synoptic and Statistical Methods For Estimation of PMP in Southwest basin of Iran
- 1 A-312 : The estimation of climate change impacts on water resources in Azerbaijan
- 1 A-321 : Comparative assessment of the atmospheric beta radioactivity in Finland and Bulgaria
- 1 A-322 : Excessive and abundant rains in the region of Sofia and its surroundings
- 1 A-323 : Unsuitable winter conditions in Northeast Bulgaria
- 1 A-326 : Comparison of the CBL Model YORCON with experimental and climate data from Sofia
- 1 A-327 : About the input data in climate models - Aggregation of turbulent fluxes over heterogeneous surfaces
- 1 A-329 : Analysis mediterranean precipitation associated with the North Atlantic Oscillation (NAO) Index via Hilbert-Huang Transformation
- 1 A-344 : The quantitative analysis of climate changes by using from precipitation of Iran selective stations
- 1 A-345 : Analyzing the Number of Events above Threshold for Rainfall in Mashhad Synoptic Station, I.R of Iran
- 1 A-346 : Variataions of pH values of stream water in mature Oak-Beech forest ecosystems in Belgrad Forest near Istanbul Turkey
- 1 A-347 : Climate change impact on water resources of Armenia - Example of river Debed
- 1 A-351 : Multidisciplinary planning of waters in region Katlanovo-Solunska Glava
- 1 A-354 : The application of variations Random models in Isfahan Province Precipitation forecasting and analysis
- 1 A-355 : The variations modeling of Iran Temperature by using from Seasonal Models of time series
- 1 A-359 : An approach to mapping soil erosion by water with Application to Albania
- 1 A-360 : Environmental effects of energy use and climate change in Albania and public awareness, education and training on these issues
- 1 A-367 : Precipitation and potential evapotranspiration in Republic of Macedonia in the 21 st century, as a result of climate changes
- 1 A-369 : Stochastic modeling of dynamics of droughts for the purposes of long-term forecasting and prevention
- 1 A-371 : Characteristic of rain and runoff in the experimental hydrologic station
- 1 A-374 : Impact of climate change on the water level of a shallow lake in eastern Austria

- 1 A-375 : Comparison of simplified methods for drought yield loss detection on crops and grassland in Austria
- 1 A-377 : Estimation of Total Solar Radiation received on horizontal surface in Bulgaria
- 1 A-379 : Weather network in Bulgaria
- 1 A-382 : An Integrated Approach for European Air Pollution Assessment
- 1 A-386 : Forests and nature protection on changed hydrological conditions under the influence of hydroelectric power plant
- 1 A-387 : Phenological development as indicator of meteorological conditions
- 1 A-388 : Wastewater reuse for irrigation : an acceptable soil conditioner ?
- 1 A-391 : Irrigation effects in plant production in Serbia and Montenegro
- 1 A-398 : CLIMATE AND AIR POLLUTION MONITORING IN TWO FOREST ECOSYSTEMS IN BULGARIA
- 2 A-002 : Water balance and Hydrological regimes in the Central part of the Balkan Peninsula
- 2 A-006 : A study of water balances over Tigris-Euphrates watershed
- 2 A-007 : Identification of the quantity impact of the precipitation and water level in the karstic poljes on the Bregava river flow regime in Herzegovina
- 2 A-018 : Tundja River Basin – Hydrological Assesment for the 1961-2002 Study Period
- 2 A-043 : Long-term variations of Palmer’s water balance components over Croatia
- 2 A-052 : Morphological Variations of a Tigris River Reach For Different Periods in Iraq
- 2 A-088 : Impacts of Forestation and Land Use on Water Balance and Low Flows in Northwest Germany
- 2 A-093 : Water Balance in Slovenia 1971 – 2000
- 2 A-138 : Variability of extremes of annual run off of the small rivers in the territory of Moldova
- 2 A-184 : Probability Estimation Of Water Supply Reliability Assessments
- 2 A-233 : Investigation of changes in the background factors of River influenced subsurface waters
- 2 A-251 : Building basic conclusions using data distribution of measured and forecasted elements, related to water stage over the area of the river Vardar basin
- 2 A-264 : Development of Water Balances of a Bulgarian River Basin with Various Mathematical Models
- 2 A-325 : Low flow estimation fot several durations and return durations and return periods using mean annual flow distribution
- 2 A-403 : Quantitative characteristics of surface runoff of waters in Montenegro
- 3 A-009 : Construction of Drought Early Detection System in I.R.Of Iran Using NDVI from NOAA/AVHRR Data
- 3 A-013 : Construction of a Flood Risk Management System in a watershed by Using Statistical Models(Case Study : Kardeh Watershed)
- 3 A-019 : Assessment of Drylands of the Republic of Moldova

- 3 A-022 : Floods in upper Vardar River Basin
- 3 A-045 : Towards Long Range Forecast of the Nile Flood
- 3 A-049 : Water Induced Hazards Vulnerability and Mitigation: Towards Promoting Prevention Culture
- 3 A-060 : The coding of River Basin management hydrological risks in Siberia
- 3 A-077 : Prevention of disasters related to water in Japan
- 3 A-078 : The Causes of Floods in the Western Blacksea Region, Turkey
- 3 A-086 : A Robust Statistical Method for Hydrological Extremes Frequency Analysis
- 3 A-091 : Turkish Emergency Flood and Eartquake Recovery Project (TEFER)
- 3 A-098 : Dynamic-Statistical Model for the Determination of Probable Maximum Flood
- 3 A-100 : On Frequency Distribution and Insensity of severe convective storms over Bulgaria
- 3 A-103 : Drought Vulnerability of Runoff in the context of Climate Change - Case Study on Bulgarian Rivers
- 3 A-105 : Aspects regarding flash floods and floods in the Trotus River Hydrographic Basin
- 3 A-123 : Extreme Hydrological Phenomena in the Barlad River Hydrographic Basin
- 3 A-166 : Complex Approach for Assessment of Dry Wind and Droughty Spells in Bulgaria
- 3 A-168 : Meteorological Conditions During Dry Wind and Droughty Spells in Bulgaria
- 3 A-203 : On the possible causes of the severe droughts in the inferior Danube Basin in 2003
- 3 A-207 : A Prototype of an Early Warning System for Severe Weather and Floods for Decision Support in Bulgaria
- 3 A-217 : Flood Risk Analysis in Hydro Project Planning
- 3 A-229 : Considerations Regarding the Occurrence of the Flood Waves from April 2005 in the Banat Hydrographical Area
- 3 A-231 : The Influence of the Basin Area on the Main Elements of the Flood Wave
- 3 A-235 : Defining relevant floods of Mt. Medvednica torrential streams
- 3 A-243 : Effects of urbanization on appearance of floods
- 3 A-250 : Low flow estimation in Albania
- 3 A-263 : Analysis of Dry Periods of Coruh River Basin
- 3 A-274 : The Flood and Some Problems of Water Resource System Investigations
- 3 A-297 : Integrated Watershed Management to Prevent Floods and Sustain Water Resources In Jakarta , Indonesia
- 3 A-303 : Review and analyze of some maximal discharges in Europe
- 3 A-307 : Hydromemeteorological characterisation of the flood from the period 14-30 april 2005 in the Timis-Bega River Basin

- 3 A-331 : Modeling floods risk in Yantra river basin
- 3 A-349 : Floods in Bulgaria
- 3 A-357 : Flash floods in Bulgaria
- 3 A-373 : Some principal problems in flood risk assessment
- 3 A-376 : Groundwater level regime in the upper part of the Torysa river catchment and detection of occurrence hydrological drought
- 3 A-397 : Risk Assessment from Floodings in the Rivers of Albania
- 4 A-011 : A methodology for developing strategies of sustainable management in marine ecosystems.
- 4 A-012 : Integrated Water Resources Planning and Management of North Cyprus: Case Study on Water Supply and Demand including Drought Conditions
- 4 A-014 : Future of the Integrated Water Supply System of Istanbul
- 4 A-015 : Benefits Obtained From Renovation of Ömerli Dam
- 4 A-020 : The program of monitoring, measurements and analysis of the effects of "Djerdap I" and "Djerdap II" reservoirs on the environment from 1980 to 2003 - General results
- 4 A-029 : Contaminant organic pollutants of Ohrid Lake
- 4 A-031 : Water and International Law
- 4 A-032 : Escapes of Water in "Ouzert" Dam
- 4 A-035 : Role of Hydrosystem Danube/Tisza/Danube in water management in the Vojvodina Province, Serbia and Montenegro
- 4 A-057 : Improvement of Operation of Istanbul Water Supply System during 1989-1994 Dry Period
- 4 A-061 : Strategy of integrate management of Water Resources for Transboundary river basin of Central Asia
- 4 A-063 : Improving regional cooperation and public participation for conflict prevention and resolution in international river courses: the Senegal River case
- 4 A-067 : Current level of water erosion problem and sediment control measures in Turkey
- 4 A-069 : Revised sediment yield estimations in Greece and implications on integrated water resources management
- 4 A-070 : Preliminary design of the storage capacity of reservoirs based on a flow regionalization parameter
- 4 A-080 : Water Management in Albania
- 4 A-081 : Study of the protection volume to control flood in reservoir by stochastic and generalized extreme-value distribution models
- 4 A-092 : Ground water management resources in Sicily (Italy)
- 4 A-096 : Run-off assessment with water economy balances
- 4 A-097 : Southeastern Anatolia Project (GAP) in Turkey as a water resources management

- 4 A-108 : Irrigation development in Serbia under Water Framework Directive
- 4 A-109 : Analysis of pressures and impacts on the watershed of Studena River according to the Water Framework Directive
- 4 A-113 : The analysis of the pump station operations on the drainage systems in Vojvodina
- 4 A-114 : Water consumption forecast and water demand management in Strevezo Irrigation System
- 4 A-170 : Public participation in integrated water resource management at Lake Ohrid - Opportunities and challenges
- 4 A-174 : Probabilistic Assessment of Overtopping reliability of a dam
- 4 A-177 : Implementation of the EU Water Framework Directive in the Balkan and Central Europe
- 4 A-186 : A Data Mining Approach for Deriving Irrigation Reservoir Operating Rules
- 4 A-193 - Integrated water resources management in OVCE Pole Region
- 4 A-195 : Industrial Enterprises and Public Participation in the WFD Implementation in Bulgaria
- 4 A-222 : The Krakow 's Water Supply System operation in the aspect of Water Distribution Subsystem failures
- 4 A-223 : Integrated water resources management of Peninsula India – Challenges in Changing Environments
- 4 A-230 : Problems of the Integrated Water Resources Management
- 4 A-240 : Hydroelectricity and other uses - the case of Hydro-Quebec
- 4 A-244 : Floating debris in rivers and lakes in Serbia
- 4 A-245 : Erosion Potential method
- 4 A-247 : Climate change and using water resources management in Tajikistan and Central Asia
- 4 A-268 : Recent Environmental Problems and Education in Bulgaria
- 4 A-270 : Integrated water resources management
- 4 A-301 : Water Woes In South East Asia: Geo-Ecology Of Trans-Border River Systems And Dams Between India And Nepal
- 4 A-316 : Water Integration: Bangladesh Perspective
- 4 A-343 : Concrete reservoirs for potable water : characteristic damage and repair methods
- 4 A-380 : Water prices and households' available income: key indicators for the assessment of potential disproportionate costs - Illustration from the Artois-Picardie Basin ( France )
- 4 A-381 : Appropriate mean of access to rural water supply in Goranci
- 4 A-396 : National Water Strategy for Albania
- 5 A-004 : Effect of different water qualities on soil physical properties
- 5 A-030 : Passive Treatment of Acid Mine Drainage
- 5 A-036 : Distribution of Organochlorine pesticides and polychlorinated biphenyls

- 5 A-038 : Effects of wastewater treatment on yield and uptake of some nutrients by wheat plants
- 5 A-039 : Phytoplankton, physico-chemical and saprobiological characteristics of the Danube river, on the stretch through Serbia
- 5 A-040 : Results of qualitative and quantitative contents of zooplankton of the Danube River through the territory of Serbia
- 5 A-046 : Environmental Isotope Ratios of Hydrogen and Oxygen in the Water Systems and Information Data System
- 5 A-054 : Man's degradation of water quality: Cleaner Production, A solution!
- 5 A-058 : Index of ecological changes (IEC) in total environment system
- 5 A-062 : Surface Water Quality In The Region Of Tchelopetch With A View To Gold Ore Production
- 5 A-064 : Freshwater and salt water in Pannonic deposits from the south of Transilvania depression
- 5 A-073 : Qualitative Status Analysis of the Phreatic Aquifer in the Bârlad River Flood Plain Concerning the Nitrogen-Based Compounds
- 5 A-082 : Some problems concerning delineation and characterization of groundwater bodies in Bulgaria
- 5 A-083 : Examples of impact of hydrotechnical construction in Bulgaria on the regime of karst groundwater
- 5 A-087 : Determination of heavy metals in water and sediments of Drini river, Buna River and Lake Shkodra
- 5 A-095 : Considerations regarding the hydrogeological and hydrochemical characteristics of some springs in Busteni Area
- 5 A-111 : The Hydrochemical Index Changes of the Main Rivers Waters Flowing into Lake Sevan, According to the Anthropogenic Activities in It's Catchment Basins
- 5 A-112 : The hydrobiological research of the Nisava River in the protected area "Sicevo gorge"
- 5 A-124 : Hydric monuments and their protection on Kosova.
- 5 A-125 : Groundwater and surface water interaction in the watershed of Tundja River , Bulgaria
- 5 A-130 : Integral Management with the urban waste water disposal systems
- 5 A-131 : Contribution to hydrological analyses of the coastal karst spring Almyros ( Crete , Greece)
- 5 A-133 : Application of Macro Biologic methods in settlement waste water treatment and usage of its energy and resource potential
- 5 A-140 : About accidental pollution in Basin Pravoha (Romania)
- 5 A-149 : Phreatic aquifers vulnerability for Mosti<sup>o</sup>tea Plain using GIS technology
- 5 A-154 : Eco-hydrological analysis of the Nitrogen cycling in the porous substrates of a river along a gradient of anthropogenic pressure
- 5 A-161 : Groundwater Pollution Originating From Geological Formation And an Example of Konya-Cumra-Karapınar Plain With GIS Application
- 5 A-162 : Development of pre-treatment microfiltration and ultra filtration membrane technology and economics for reverse osmosis desalination process
- 5 A-163 : Environmental Assessment of Water Quality of Albanian Rivers

- 5 A-164 : Environmental impact assessment for particulate matter heavy metals in air Mitrovica region
- 5 A-167 : Potential use of water hyacinth ( *Eichhornia crassipes* ) for waste water treatment in Serbia
- 5 A-176 : The Serino spring discharge: analyses of an ultra-centenarian hydrological series, Southern Italy
- 5 A-180 : What can karstic stygofauna tell us about groundwater discharge areas and water quality ?
- 5 A-181 : Water quality of the Morava e Binçës river
- 5 A-182 : Ground waters quality in potential zone of influence of ash disposal site at the Thermal Power Plant "Kosovo A"
- 5 A-190 : Isotopic considerations about "Geoagiu Bai" Hypothermal deposits
- 5 A-198 : Cultivating and investigation of Cyanophyta
- 5 A-199 : Water Quality of Kamchia River and Impact on the Black Sea Coastal Zone
- 5 A-202 : Organophosphorous pesticide residues in surface water and ground water in the east of Mazandaran province, Iran
- 5 A-208 : Karst springs with inflows: case of the Jadro Spring (Croatia)
- 5 A-211 : Arsenic Geochemistry in Deltic Environment
- 5 A-212 : Comparative analysis of the Nisava river quality in ten year period
- 5 A-214 : The quality of drinking water in Nis, Serbia - result in water resurces management and Citizens Knowledge
- 5 A-215 : Consequences of water pollution on health
- 5 A-218 : Qualitative Investigation of Izeh Karst Aquifer Using Hydrogeochemical and Numerical Models
- 5 A-219 : Determination of Reservoir Rocks of the Contact Springs in the South-West of Urmia Lake
- 5 A-220 : The influence of water eutrofication in Dobczyce reservoir on reliability of the Krakow's Water Supply System
- 5 A-221 : The Water Production Subsystem failures affects of Krakow's Water Supply System
- 5 A-226 : Refilling of aquifers (Seasonal and special periods of heavy rains)
- 5 A-236 : Study for ecological flows in the South Eastern part of Bulgaria
- 5 A-237 : Biological characteristics of two small aquatic ecosystems – uncovered wells on the Experimental School Estate of the Faculty of Agriculture University of Belgrade
- 5 A-242 : Nutritions and Quality of irrigation water of river Zeta
- 5 A-252 : Evaluation of potential pollution from agricultural activities at Durres region ( Albania )
- 5 A-273 : Positive experiences from solving of problem with hydro-biological minimum in the riverbed of Studenèica
- 5 A-275 : Dynamic of number coliform bacteria in waters from experimental fields
- 5 A-284 : The effect of dense maritime traffic on the Bosphorus strait and Marmara sea pollution
- 5 A-289 : The effect of the Koprubasiu mine on the groundwater contamination in Manisa, Turkey

- 5 A-293 : Tendencies of Alteration of the Rilska River Water Quality
- 5 A-294 : Analysis and estimation of surface water quality in the Jantra river's catchments area
- 5 A-299 : Nitrification of ammonia from synthetic wastewater with diffuser "Dalmacija+40%"
- 5 A-306 : Pollution of the drinking water sources of Istanbul City and the preventive measures : Buyuk Cekmece Lake Case Study
- 5 A-314 : Ecological Status of upper part of Iskar catchment
- 5 A-315 : Decreasing of radionuclides contamination of the Dnieper water due to a mode of operation of hydroelectric power plant
- 5 A-320 : Solidification/Stabilization of power plants wastes-potential water pollutants
- 5 A-332 : Groundwater quality in Serbia , Nitrate-Nitrogen
- 5 A-337 : Bridging the gap between water managers and research communities in a transboundary river: Nutrient transport and monitoring regimes in the Drim/Drini Catchment
- 5 A-338 : Eco-economic optimization the location of Sources Polluting Groundwater
- 5 A-340 : The hyperchlorination of tap water and bladder cancer in Mostaganem
- 5 A-341 : The harmonization of dam at the large river basin for sustainable water and ecosystem services - Vistula River case
- 5 A-342 : Hydrogeological characteristics of underground water in Plovdiv region, using for melioration
- 5 A-352 : A Multi-Scale Framework for Strategic Management of Diffuse Pollution in the Western Balkans
- 5 A-356 : : Nitrate Pollution of the Lesnovska River Caused by Filtration of Chemicals by Agriculture Areas
- 5 A-358 : Assessment of the water quality and trends at the Drini cascade system based on plankton data
- 5 A-361 : Monitoring of bacteriological indicators and Salmonella spp . in production zones of bivalve mollusks in Albania on 2004
- 5 A-365 : Role of the aeration soil zone on the groundwater flow contamination
- 5 A-366 : Water Pollution in the basin of Drini I Bardhe
- 5 A-368 : Disposing wastewater from pigs-farms : diminishing pollution risks
- 5 A-372 : Former investigations of fauna of Gastropoda (Mollusca) of Bosnia and Herzegovina
- 5 A-383 : The Aquifer Basin of Elbasani , Albania and the problems of its management
- 5 A-384 : Assessment of dissolved pollutants in Krishna river using mass balance approach
- 5 A-385 : Geological studies of Adriatic alluvial plans as a key aspect for water basins Investigations
- 5 A-389 : Consequences of Hydro-technical Interventions in the Mokasnica Catchment Area
- 5 A-390 : An Example of Water Infiltration Modelling Threw a Rock-fill Dam
- 5 A-394 : Impact Assessment of the Solid Waste Landfill in the Municipality of Centar Zupa
- 5 A-395 : An approach for preventing the negative impact on the natural soil and water media for the area of solid waste landfill in Centar

## Zupa

- 6 A-003 : The role of Water Quality in Wetlands : two different wetlands study from western part of Turkey: Izmir Bird paradise and Kucuk Menderes River Wetland
- 6 A-021 : Ecohydrology of Dojran Lake
- 6 A-033 : Age, growth and condition of European Minnow, *Phoxinus Phoxinus* (L.), in four high-mountain lakes, the Rila Mountains, Bulgaria
- 6 A-037 : Same experimental dates about the levels of chlorinated pesticides and PCBs in the biota of Ohrid Lake
- 6 A-041 : Preliminary Investigations on the parasitic crustacea of freshwater fishes from Macedonia
- 6 A-042 : Evaluating pigmented macrophages as biomarkers for fish health and environmental pollution: evidence of natural seasonal fluctuations in Ohrid trout
- 6 A-047 : The Gruza reservoir – An ecological study
- 6 A-066 : Origin and classification of the new spermatogonia of Ohrid Belvica (*Acantholingua Ohridana*) in the period after the spawning
- 6 A-068 : Traces of oil products and naturally occurring hydrocarbons in the Lake Koumoundourou of Aspropirgos
- 6 A-074 : Seasonal Changes In The Vertical Distribution Of Hirudinea From Lake Ohrid
- 6 A-084 : Water and sediment management challenges on Narta and Karavasta coastal wetlands, Albania
- 6 A-129 : The river Sateska and consequences of its diversion to Lake Ohrid
- 6 A-139 : Characterization of trophic state of some Albanian water ecosystems based on phytoplankton photosynthetic pigments
- 6 A-141 : Biochemical-genetical markers as useful tools for systematic and population genetics of fish
- 6 A-142 : Characteristics of the sedimentation processes in the lake Sreburna
- 6 A-147 : Long-term dynamics of a lake ecohydrological system and the implications for radiation exposure
- 6 A-172 : Ichthyofauna of the Bulgarian natural lakes
- 6 A-187 : Study of upper lake catchment area with reference to factors influencing its environment status
- 6 A-197 : Phytoplankton community in the Bulgarian and Macedonian lakes
- 6 A-200 : Recent state of Beloslav Lake (Bulgaria)
- 6 A-205 : Pollution within Lake Ohrid – An Impediment to Addressing an Important Ecological Question
- 6 A-238 : Water Pollution in the Durankulak Lake in Bulgaria
- 6 A-248 : Density variation of the *DREISSENA* (*CARIODREISSENA*) *STANKOVICI* in lake Ohrid Pelagic zone, from 1996 to 2005
- 6 A-249 : Recent species composition of *ROTIFERA* Fauna of the lake Dojran
- 6 A-256 : Charophytes biodiversity in different littoral profiles from Lake Ohrid
- 6 A-257 : Density trends of Crustacea (*Amphipoda* and *Isopoda*) from Lake Ohrid

- 6 A-258 : Seasonal dynamic in the density of Gastropoda on profile HBI-V.Radozda from Lake Ohrid
- 6 A-259 : The dominant invertebrate groups macrozoobenthos from the upper flow of the river Treska
- 6 A-271 : Littoral zone trophic state at the macedonian part of Lake Ohrid
- 6 A-276 : Microbiological water quality of Lake Prespa and its tributaries
- 6 A-277 : Water quality of Lake Dojran from biological and physival-chemical aspects
- 6 A-283 : Ecological Assessment and Intercalibration of Lakes across the European Union
- 6 A-286 : Quantity of main nutrients in biomass of red head grass (*Potamogeton Perfoliatus* L.) from Lake Ohrid
- 6 A-287 : Annual production of of red head grass (*Potamogeton Perfoliatus* L.) from Lake Ohrid
- 6 A-288 : Surface area of the belt of red head grass (*Potamogeton Perfoliatus* L.) in Lake Ohrid
- 6 A-305 : Sustainable fisheries as a key factor for the environmental conservation of the Balkan trans-frontier lakes
- 6 A-310 : Main ecohydrological criteria of the Acipenseridae population stability in the North Caspian Sea
- 6 A-317 : Trophic state of Lake Prespa
- 6 A-319 : Is littoral area of Lake Ohrid , St. Naum endangered by eutrophication ?
- 6 A-324 : An integrated model system for the water protection of Lake Caldonazzo, Italy
- 6 A-328 : Early development of the postcranial axial skeleton in *Salmo letnica* Karaman, 1924 (Teleostei: Salmonidae)
- 6 A-333 : Comparative analysis of some meristic marks of moranec *Pachychilon pictum* Heckel et Kner form Ohrid Lake, river Crn Drim, artificial basin Spilje (R.Macedonia) and river Skumba (R.Albania)
- 6 A-334 : Month change on nutrition on moranecot *Pachychilon pictum* Heckel et Kner off Ohrid Lake
- 6 A-335 : Morfological differences on population of the moranec *Pachychilon pictum* Heckel et Kner off Ohrid Lake, river Crn Drim, artificial basin Spilje (R. Macedonia) and river Skumba (R. Albania)
- 6 A-348 : Facultative oligotrophic bacteria as a indicator of the trophic state of Lake Ohrid
- 6 A-392 : Lower Danube – the last refuge for surviving of Sturgeon fishes in the Black Sea region
- 6 A-393 : Chironomidae (Diptera) larvae fauna from the Mantovo reservoir and the mouth of river Kriva Lakavica
- 6 A-399 : Plankton composition of Palics and Ludas alkaline lakes In Serbia and Montenegro
- 7 A-005 : A regional hydroclimate model for Tigris-Euphrates watershed, RegHCM-TE : Reconstruction of historical hydroclimatic data over the watershed
- 7 A-008 : Monitoring of Performance a Hydrological Model to estimate annual water yield in a small watershed in Meric River Basin
- 7 A-016 : Reservoir Management Using Artificial Neural Networks
- 7 A-017 : A Comparison Of Three Methods For The Prediction Of Future Stream Flow Data

- 7 A-048 : Adaptation to the Romanian's physico-geographical conditions of the method "degree/day" for water's equivalent determination by the layer of snow using the representative basins data
- 7 A-079 : Hydrometeorological Prediction For Hydropower Production in the Rhone River
- 7 A-094 : Assessment of Climate Change Impacts on the Elements of Hydrological Cycle for the Struma River basin using monthly data for the HBV model
- 7 A-099 : Integrated hydrologic modelling in large scale catchments with the MIKE-SHE methodology: Application to Pinios river catchment, Greece
- 7 A-136 : Result of Hydrometric measuring on the drainage systems in Voidodina
- 7 A-150 : Usage of Artificial Neural Network for Generating Monthly Average Flows at the Ungaged River Profiles
- 7 A-209 : Quantification of the snow cover and prediction of the flows generated by the process of Melting
- 7 A-213 : The Real-time Torrent Flood Defense Practice in Serbia
- 7 A-261 : Simulation of springs discharge from Motru Sec – Baia de Aramã karst system Mehedinți Mountains, Romania
- 7 A-296 : Towards Integrated Water Resources Management of the Mesta/Nestos Catchment by HEC-HMS modelling
- 7 A-330 : Hydrological modeling for flood warning and reservoir management
- 7 A-339 : The mathematical model "Moneris" applied to catchment areas in the Republic of Bulgaria
- 8 A-034 : Using Geographic Information Systems in tracking the relation between water poverty and development indices
- 8 A-050 : Discharge estimation by continuous measurement of water velocity
- 8 A-053 : Decision Support System for Integrated Water Management in Romania: Recent Developments and Future Plans
- 8 A-055 : Integrated Hydrological Data and Knowledge Management Transfer for Flood Warning Centres in Germany and Austria
- 8 A-056 : Water Observation with Radar of Synthetic Opening Images
- 8 A-059 : Correction of Observation discharge Data in Flood
- 8 A-065 : Comparison of bed load formulae in hydraulic geometry using similarity principle
- 8 A-075 : Application of Methods for Analysis of Rainfall Intensity in Areas of Israeli, Jordanian, and Palestinian Interest
- 8 A-076 : Quality assurance of hydrological data
- 8 A-090 : ADCP measurements of suspended sediment fluxes in rivers
- 8 A-102 : The Digital Terrain Model for the Support of Hydrological Applications in Stana de Vale Hydrographic Basin
- 8 A-106 : The use of GIS in the Analysis of Drinkable Water Resources in the Vedeia River Inferior Hydrographic Basin
- 8 A-115 : Database structure and GIS analyses of the largest karst aquifer in NE Bulgaria
- 8 A-122 : The determination of free water surface curves on the sectors between two consecutive dams as a result of certain

incident/accident scenarios at the upstream dam

- 8 A-128 : Development of the software system for support of the integral water resource protection from pollution
- 8 A-134 : Application of GIS and Hydro Software to Integrated Water Resources Management
- 8 A-135 : GIS Soil Maps of Vojvodina for Integrated Water Resources management
- 8 A-151 : Integration of data and knowledge for planning and decision-making in the water sector
- 8 A-160 : The Geographical Water Resources Information and Assessment System – an element of the IWRM
- 8 A-169 : Basic Features of the Nile River Basin Decision Support System
- 8 A-178 : Effects of transversal structures in the torrents of the river Drina Catchment
- 8 A-179 : Investment of hydraulic Parameters of the flow at downstream end of reach in open canals in conditions of unsteady flow
- 8 A-185 : Overview of the artificial neural networks and fuzzy logic applications in operational hydrological forecasting systems
- 8 A-188 : Online operational monitoring and TSI estimation system of Lakes
- 8 A-189 : Monitoring and improving the rivers in Vardar/axios Watershed
- 8 A-191 : Application of Information Technology in support of long Irrigation canal operation and management
- 8 A-196 : Application of Wheatstone bridge circuit in Water level measurement system
- 8 A-224 : On data processing in the Meteorological database of the Bulgarian
- 8 A-225 : Monitoring and Alarming in Real Time on the example of PSI econtrol
- 8 A-227 : Organising Information system for global monitoring - everything related to environment together on one server as one everyday activity
- 8 A-246 : Cadastre of torrents information system
- 8 A-260 : The use of Internet and Web Technologies applied to the BALWOIS Information System
- 8 A-265 : Effects of pixel size variation on accuracy of Digital Elevation Model (DEM)
- 8 A-266 : Current level of surface and ground water observation network of Turkey
- 8 A-272 : System for water flow measurement, monitoring, management and remote transfer the information of the Debreste station as a part of The Regional water supply system "Studencica"
- 8 A-278 : Problems with consistency of hydrological data series caused by different time discretization used in their primary processing
- 8 A-280 : Internet oriented tools for flood frequency study on Serbian Rivers
- 8 A-281 : Structure of daily hydrologic series in serbia and Northern Mediterranean
- 8 A-282 : Development of Drought monitoring system for Serbia
- 8 A-285 : River's water quality monitoring in Albania

- 8 A-295 : Probability Theory used in Hydrology (Sitnica River Shed)
- 8 A-304 : The development of a data base for the littoral lakes in Northern Greece aiming to their rational and environmental friendly fishery management
- 8 A-309 : Application of MODSIM software to the operation of a real bulgarian water resources system
- 8 A-313 : Study of a combination between an hydrologic model and a GIS - Application to the watershed of Macta (Western Algerian)
- 8 A-318 : Some tools for analysis and decision making in case of Integrated water resources management
- 8 A-336 : Use of GIS and GPS for mapping and analyses of some hydrological factors
- 8 A-350 : Water cooperation between Norway and Balkan countries in the field of operational hydrology
- 8 A-353 : A Land-Water-Economic Information System for Western Balkan Agriculture
- 8 A-362 : Organizing GIS data for hydrological applications
- 8 A-363 : Visualization and analysis of hydrological characteristics
- 8 A-364 : Watermark – a modular IT architecture for integrated water management
- 8 A-370 : On Greek Loanwords in the English Vocabulary of Hydrology
- 8 A-378 : Geoinformational system in plumbing and sewer systems
- 8 A-400 : Grasnica Project
- 8 A-401 : Meteorological Information – a helpful toOI for the decision making in different fields in Albania
- 8 A-402 : River monitoring system in Macedonia – RIMSYS