

**Workshop on the protection of groundwater as a source of drinking water
in karst areas**

Malinska, Island Krk (Croatia) 14-15 April 2008

Program

Monday, April 14

08:30 – 09:00 **Registration**

09:00 – 09:15 **Rajhenbah, D:** Opening of the workshop, Provisions and Objectives of the Protocol on Water and Health, Ministry for Regional Development, Forestry and Water Management

09:15 – 09:30 **Koepfel, S.:** The role and activities of the UNECE Convention on the Protection and Use of Transboundary Watercourses and International Lakes and its Protocol on Water and Health, UNECE

Session 1: Physical, geological and hydrological conditions of karst aquifers and their implications for the protection of drinking water

09:30 – 9:55 **Kuhta, M:** Hydrogeological features of the Croatian karst area, Croatian Geological Survey

9.55 - 10.20 **Brkić et al:** Initial characterisation of the groundwater bodies in Croatian karst, Croatian Geological Survey

10:20 – 10.45 **Biondić, R.¹; Biondić, B.¹, Kapelj, S.¹ & Rubinić, J.²:** Hydrogeological research of the Croatian part of the transboundary aquifers between Kvarner-bay and Trieste-bay of the transboundary aquifers (HR-SI) between Kvarner-bay and Trieste-bay, ¹Faculty of Geotechnical Engineering Varaždin, University of Zagreb and ²Faculty of Civil Engineering, University of Rijeka

10:45 – 11:10 **Prestor, J., Urbanc, J., Janža, M.:** Hydrogeological research of the Slovene part of the transboundary aquifers, (SI-HR) between Kvarner-bay and Trieste-bay, Geological Survey of Slovenia

11.10-11.30 Coffe break

11.30-11.55 **Efthimi, R.,** Hydrogeological characteristics of some karst transboundary aquifers of Albania and their environmental problems, Albania

11.55 -12:20 **Mindorashvili A. ; Gvacaria V.; Gabetshava Dj.; Djandjgava N.:** Fresh Karst waters Resources, their distribution and ekological state in Georgia, Ministry of Environment and Natural Resources of Georgia

12.20-12.45 **Normatov, I.** Physical and chemical parameters of underground waters of Tajikistan and aspects of integrated water resources management in Central Asia regarding underground waters, Institute of Water problems, Hydropower and Ecology Academy of Sciences Tajikistan

12:45-13:15 Discussion / Questions

13:15 – 14:45 Lunch

Session 2: Monitoring the quality and quantifying and predicting impacts of water usage on karst aquifers

- 14.45-15.10 **Marijanović Rajčić, M., Brkić, Ž:** Monitoring of karst groundwater quality in Croatia, Croatian Waters & Croatian Geological Survey
- 15.10-15.35 **Andrussevich V.:** Peculiarities of the methodology of exploration and estimation of exploitable groundwater resources of fractural and karst aquifers in arid and semiarid regions, KazHYDEC Kazakhstan
- 15.35-16.00 **Lenart, L., Havasné Szilágyi, E:** Havaría-like pollutions of karstic drinking water sources, University of Miskolc, Institute of Environmental Management, Dept. of Hydrogeology and Engineering Geology, Hungary
- 16.00-16.30 Coffee break
- 16.30-16.55 **Dadić, Ž:** Improvement of Water Supply on Inhabited Croatian Islands, Croatian Public Health Institute
- 16.55-17.20 **Ujević, M:** Karst Water Vulnerability and Residents Education, Croatian Public Health Institute
- 17.20-17.45 **Bricelj, M.,** Survival of viruses in carstic fractured rock environment, National Institute of Biology, Slovenija
- 17:45 - 18:30 Discussion / Questions

Tuesday April, 15

Session 3: Management and protection of karst aquifers

- 9.00-9.25 **Aertgeerts, R.:** Integration of karst aquifer protection and management in water safety plans, WHO/EURO
- 9.25-9.50 **Pekaš, Ž.:** Coastal - karst area aquifers management in Croatia, Croatian Waters
- 9.50-10.15 **Prestor, J. & Matoz, H.:** Implementation of new Rules on criteria for the designation of a water protection zone in Slovenia, Geological Survey of Slovenia
- 10.15-10.40 **Auckenthaler, A.:** Concepts of drinking water protection in a karstic area of Switzerland, Federal Office of Public Health Switzerland
- 10.40-11.00 Coffee break
- 11.00-11.25 **Häußinger, H.:** Drinking water-protection in Bavaria with specific regards to karst-aquifer problems, Bavarian State Ministry of the Environment, Public Health and Consumer Protection, Germany
- 11.25-11.50 **Kukuric, N.:** Protection and Sustainable Use of the Dinaric Karst Aquifer System, DELTARES & IGRAC
- 11.50-12.15 **Balaet, R.:** Integrated management of the transboundary karst aquifers between Romania and Bulgaria, Ministry of Environment and Sustainable Development, Romania
- 12:15-13:00 Discussion and closure of the Seminar
- 13:00 - 14:00 Lunch
- 14:00 Excursion : Baška na Krku