

Alon Rimmer
Israel Oceanographic & Limnological Research Ltd,
The Kinneret Limnological Laboratory,
e-mail: alon@ocean.org.il



Since 2001 Dr. Rimmer is a senior scientist in the Lake Kinneret Limnological Laboratory (KLL), a department of the Israeli Oceanographic and Limnological Research (IOLR) institute. He is involved in several groundwater and surface flow research projects in the upper catchments of the Jordan River watershed: 1. Dynamic river basin model for contaminants transport in the Upper Catchment of the Jordan River (UCJR), embedded in GIS; 2. System approach, daily precipitation - stream flow model for both the base and the surface flow components, of large-scale karst basins; 3. Numerical distributed model to the salinization mechanism of saline springs in Lake Kinneret (The only fresh water lake in Israel).

Part of his work on the UCJR will be presented in the forum.

Dr. Rimmer completed his D.Sc degree (1993) in soil and water physics, and hydrology, in the Technion - Israel Institute of Technology in Haifa. In 1993-1995 he held a PostDoc position at Cornell University NY, USA, in which he worked on experiments and modeling of wick samplers, and 3-phase flow (air-water-oil) in soils. Later, upon his return to Israel, he conducted a research on the groundwater hydrology of Lake Kinneret in Mekorot, the national water supply company of Israel.

From 1998 to 2001 Dr Rimmer worked as a private consultant for soil-water physics and hydrology in Israel. His work included groundwater and surface water models and hydrological surveys for various sites in Israel; teaching hydrology in the Technion; supervising doctorate students in modeling the hydrogeology of the saline groundwater springs, and lake-groundwater relations in Lake Kinneret; and applying civil engineers infrastructure models (water supply, sewage, and drainage models) to towns in Israel.