



JOSEF BAR

Consulting Hydrogeologist

LANGUAGES

Hebrew, English.

INTERNATIONAL WORK EXPERIENCE

Zimbabwe, Zambia,
Nigeria, Cambodia, Greece.

EDUCATION

B.Sc. Geology, Hebrew University, Jerusalem, 1978.

M.Sc. Geology, Hebrew University, Jerusalem, 1983.

M.Sc. Thesis: Hydrogeology and Hydrochemistry of Coastal and Karstic Aquifers.

WORK EXPERIENCE

2000 – present: Consulting Hydrogeologist

Major Projects: Hydrogeological feasibility study for saline groundwater supply to a major desalination plant, Mediterranean coast, Israel. Hydrogeological, environmental and operational monitoring and consulting for major fertilizer plants waste disposal complex. Site investigations, drilling for tailings dams: design, construction, operation and monitoring. Dams and Groundwater studies and explorations for water supply projects in Africa and Cambodia.

1987-1988: Hydrogeologist, Environmental Geologist, Private practice.

Major Projects: Research project for the water commission, Israel: Hydrogeological, geochemical and geophysical study of deep sandstone and karstic aquifers in the Negev Desert. Consulting project for gold hydrometallurgy, NLGM, Harare, Zimbabwe.

1986-1987: Engineering Geologist. Petroleum and Geophysics Institute.

Project: Geophysical and geological site investigation for the location and design of a major power plant. Responsibility included seismic reflection data analysis.

1980-1985: Engineering Geologist. Tahal Consulting Engineers.

Responsibility: Geological and geotechnical site investigation projects for major power plants, dams, reservoirs and bridges. This included preparation of detailed geological, geotechnical, and geomorphic maps, airphoto interpretation, borehole sampling and testing.

1978-1980: Hydrogeologist. Water Commission, Ministry of Agriculture.

Project: Hydrogeological and geochemical research project including investigation of seawater and brine intrusions into karstic and coastal aquifers, preparation of hydrogeological conceptual models, boreholes, springs and rain water sampling and hydrochemical tracing.

