



**Erich Shaw**  
**Chief Environmental Engineer,**  
**Mekorot, EPAL and CILE**

**BIO:** Erich Shaw, a certified professional engineer, has been involved in the design, operation and management of water systems and wastewater treatment plants for the last 37 years including Crisis Management Preparedness for large water utilities – Mekorot, EPAL and CILE (the latter two through the auspices of WSMART).

Following the award of his bachelors and masters' degrees from Technion, Israel Institute of Technology (civil and environmental engineering respectively), Erich served as the Chief Environmental Engineer in the Israeli Defense Force for five years (rank: major) and latterly, spent six years with Mekorot as the Regional Environmental and Desalination Engineer where he managed the operation of many different water and waste water treatment plants. In 1993 he formed together with two partners a successful Engineering Design Company – Agat Engineering. From 2001 Erich is a private Engineering Consultant for large water utilities and entities including the World Bank (working together with the Palestinians on creating sustainable wastewater solutions) , WSMART, Tahal (Israel's largest water engineering firm), Agat Engineering, Water Companies and Associations including Mekorot, EPAL, CILE, Hof HaCarmel, Mei Ashkelon, Mei Sheva, Yuvalim Ashdod and industrial clients including Intel and Carlsberg. Erich has worked in over 17 countries on 5 continents. Erich has been involved on the design (both general and detail) of 22 medium size WWTP - with daily flows of between 20,000 m<sup>3</sup>/day (5.3 MGD) and 200,000 m<sup>3</sup>/day (53 MGD) flows, and over 150 water treatment plants - with hourly flows of between 100 m<sup>3</sup>/hr (440 gpm) and 25,000 m<sup>3</sup>/hr (110,000 gpm).