

Professor Emeritus Avner Adin



Professor Emeritus Avner Adin, engineer, scientist, entrepreneur and visionary, has been doing research and implementation of solutions for the environment in general and in water specifically for over **40** years. **Prof. Avner Adin**, one of the first senior specialists in the "Environmental Protection Service", that later evolved to be today's "Ministry of Environmental Protection", former member of the Advisory Council to the Minister of Environment, serves as **Lunenfeld-Kunin Chair Professor Emeritus** of Environmental Sciences and Head of Water Treatment Technology Laboratory, Dept. Soil and Water Sciences, Faculty of Agriculture, Food and Environment, **The Hebrew University of Jerusalem**, Israel.

Adin is Involved in teaching, research and consulting in the field of water treatment and wastewater reuse. He acquired his education in environmental engineering in the **Technion-IIT** and engineering practice in the **IDF**, Tahal and the civil service. Founder and first president of the Israeli Water Association, representing Israel in IWA and WEF. Chair of Israel's Drinking Water Standards Committee and Central Committee on Water of the Israeli Institute of Standards. Member of the American Academy of Environmental Engineers, former management member of the International Water Association (**IWA**) and granted honorary awards and prizes from organizations and universities around the globe.

Adin consultants to various international entities including the World Bank, World Health Organization (**WHO**), the Government of **Mexico** and the Government of **Singapore**. His Water treatment Technology Laboratory is a world leader in the fields of filtration of drinking water, filtration for reuse in irrigation and research of particles in water. The innovative research and development subjects include nanotechnology for fouling prevention in desalination and filtration systems, development of electric methods for treatment without chemicals (patented), hybridizing physical and plant processes for wastewater treatment, **UV** radiation for killing bacteria and parasites in effluents and separation of heavy toxic metals from industrial wastewater and polluted wells.

Prof. Adin founded the international water solutions company **Adin Holdings Ltd.** where he serves as Chairman and Chief Scientist; and **TreaTec21 Industries Ltd.** for water quality solutions.