

CURRICULUM VITAE

Personal details

Name: Yaron Ben Ari
IdDate of birth: 1954
Marital status: Married + 3
Address: Adi, M.P.O. Nazareth Elit 17940, ISRAEL
Email yba@aqua-di.co.il
Tel.: 972-3-6415315, 972-4-9868842, 972-52-3636477

Education:

1981 Eng. B.Sc. Water and soil agricultural engineering, Technion.
Complementary courses for advanced degree in Civil Engineering
Professional courses in various engineering fields
2015 M.A Haifa University Water Resources.
2015 PhD Student in Haifa University (from 2015).

Professional Experience

1998 –present **CEO of Aqua-di Engineering Services Design and Consulting of water infrastructures** (see profile of the company).

2016- present **Chairman of Watec Italy conference**

11.2006 – present - **Manager Water Technology Field, The Standards Institution of Israel (SII)**

- Manger of a International Technical Committee ISO/TC282/SC1,SC4- Treated wastewater reuse for irrigation.
- Secretary and Coordinator of a International Working Group in the field of water safety, ISO/TC 224/WG 7,WG 09
- Established and coordinated Working Groups and Steering Committees in the water technology field. Presently there are approximately 200 active experts in the field of water safety and treated wastewater reuse.
- Coordinate four groups involved in the preparation of drafts for international standardization in the field of treated wastewater reuse for industry.
- Manager of special project, Specification for water filter for Water and Sewage Government Authority.
- Manage and coordinate the examination of the Indian standardization on water technologies for the Ministry of Industry and Commerce.
- Participation in the Ministry of Industry and Commerce activity in underdeveloped countries: India, Taiwan, China and Brazil, for the preparation of cooperation agreements in the standardization field of water technologies.
- Participation in the Ministry of Defense and the Ministry of Foreign Affairs activity in the water project in training and engaging outside parties in the project.
- Initiated and coordinating unique standardization in the water technologies field in the international aspect.
- Active participation in the international committees of ISO/TC 147 and TC 138.
- Active participation as the SII representative in the activity of the Waterfronts Society and the organization of the WATEC Conference and Exhibition.

7.1999 – 6.2006 - **Manager of the Water, Sewage and Drainage Division of the Haifa Municipality /CEO of the Water Corporation at its initiation**

- Responsible for the operation, maintenance and design of water, sewage and drainage systems in the Haifa municipality district.
- Responsible and management of five support departments and units, total of approximately 150 personnel.
- Organized the division for automated operation.
- Management and preparation of the staff and the material required for establishing the Water Corporation in Haifa.
- Prepared master plans for the city on the subject of sewage and drainage and updated the master plans for water.
- Set up the budget for the reconstruction and development of the system including obtaining budgets from external bodies such as the Water Administration and the Infrastructure and Sewage Administration.
- Preparation of the infrastructure for transfer of the Division to the Corporation within the framework of the Corporation Law, including assessment of the assets of the Division. Participation in all the preparations of the business plan and accompanying activities. Management and operation of projects in the water, sewage and drainage field, pumping stations and command and control systems. Establishment of a primary sewage pumping station in the lower city and in Kiryat Hayim, solution of drainage problems in the western section of the Shemen Beach and design of a solution also for the eastern section. Management and implementation of a drainage solution to the lower city by laying an outlet pipe to the Haifa port and placing the pipe at a depth of 8 meters.
- Management of the restoration project of the infrastructures of the Government Center at a cost of approximately N.I.S. 20 million.
- Initiation and management of the establishment of infrastructure tunnels at the Bar Yehuda – Derekh HaAtzmaut intersection.
- Initiation and execution of the optical fiber project within the sewage lines.

11.1998 **Assistant Manager of the Water, Sewage and Drainage Division of the Haifa Municipality**

1996 – 1998 **Partner in the E. Cahaner Engineering Office, Designing of roads, development of water and sewage areas**

- Design and consultation to private bodies and institutional authorities in the fields of water, sewage and drainage development.
- Preparation of professional opinions to parties such as the courts, companies, etc.
- Preparation of technical publicity material as technical support for underground and aboveground infrastructure products.
- Management, design and performance of the Paradise project – 1,800 housing units.
- Wrote a technical bulletin on the subject of sealed concrete piping for sewage and drainage and a technical bulletin on the subject of calculation of discharge collection capability and recommendations for installation of rain water collectors.

- 1995 – 1996 **Yanun Consultants and Research Engineering Office, Designing of roads, development of water and sewage areas**
- Chief engineer and supervisor of a staff of 50 personnel, engineers and technicians.
 - Preparation of work proposals and handling of the financial, contractual and accounting aspects of the office.
 - Tracking and control of the design and performance of projects of the engineering staff and management of the office.
 - Design and responsibility for complex projects in the underground and aboveground infrastructure field: Arrangement of roads and traffic in the whole Afula Industrial Zone, Carried out a drainage solution to eliminate flooding, laying of 1.80 m diameter piping at depths up to 0.8 m including arrangement of the regional drainage tunnels by innovative methods.
- 1992 – 1995 **Wolfman Industries Ltd, plant for the manufacture of prefabricated products in the underground and aboveground infrastructure field**
- Civil engineer and the marketing engineer of the company.
 - Preparation of manufacturing plans and responsible for the manufacturing in the three company plants.
 - Defined and established the products for development and manufacturing in a new plant set up by the company in Ashkelon.
 - Renewing the use of sealed concrete piping to underground and aboveground systems in Israel for sewage and drainage, including preparation of a technical specification for pipes, escorting the performance and inspection of seals and checking the piping at the plant and on location.
 - Technical support for products and preparation of professional technical literature for all the products of the plant.
 - Preparation of a product catalog with prices of the plant products.
- 1989 – 1992 **Toma Ronen Engineering Office**
- Head of a road design and hydraulic engineering team.
 - Design of roads and development of areas for IDF, Public Works Department and private parties.
- 1980 – 1989 **Balsha Yelon Engineering Office**
- Project engineer, project coordinator and assistant team leader.
 - Project design engineer, control of performance of the project coordinator and the assistant team leader.
 - Design of water, sewage, drainage, pumping station and various reservoirs in different cities and IDF bases.
 - Design and maintenance responsibility of the underground infrastructure in the cities of Haifa, Netanya, Ra-anana, Kfar Sava, Hod HaSharon, Pardes Hanna, Carcur and others.

Additional positions and activities

Associate senior lecturer, Technion, Haifa

- Lecturer in the field of water supply and drainage engineering.
- Student advisor for final projects.

Chairman of Experts Committee for the preparation of Israel Standard SI 5302

- Preparation of a new specific Israel Standard for steel reinforced polyethylene pipe.
- Participation in the meetings of the experts, writing of the Standard and assembling of the material from the other committee members and consultants.

Lecturer and project examiner in the Technical Engineering School of the Western Galilee College

- Lecturer in the fields of design and execution of underground infrastructures.
- Student advisor for the design of tenders and supervision of the performance of infrastructure works.
- Consultant and examiner of final student projects.

Member of the Steering Committee for the establishment of the water and sewage Corporation within the framework of the Director of Corporations

Lectures on various subjects:

- Conference for water economy managers on the subject of water conservation in municipal networks.
- Conference of the Water Directorate on the subject of maintenance and restoration of sewage systems.
- Engineering and design forum in the Haifa municipality on the subject of infrastructure tunnels – benefits and uses.
- Lectures within the Civil Engineering framework at the Technion on the subject of drainage and in a day seminar on the subject of multifunction infrastructure tunnels.

2007- present **Member of Israeli Water Organization Management**

1999 – 2003 **Member of the Board of Directors and Vice Chairman of the Tenders Committee of the Municipalities and Haifa Sewage Union**

2003 – 2006 **Member of the Board of Directors and Management of the Kishon Drainage Authority**

Delivered opinions to the Court and other parties on the subject of:

- Standardization of sewage systems and tests for the possibility of groundwater contamination.
- Functioning of municipal sewage systems.

Membership in engineering organizations:

- IWA
- Engineering Union Association
- Member of Israeli Water Association
- Active member of the Waterfronts Register

Languages:

Hebrew, English and Polish (speech only)