

**Name:** Yehuda Levy  
**Profession:** Agronomist/Water and Soil Engineer  
**Date of Birth:** 1952  
**Nationality:** Israeli

**Membership in Professional Societies:**

Association of Engineers and Architects in Israel.  
Institute of Engineers in Australia.  
Australian Institute of Agriculture Science.  
Israel Water Commission.  
College of Civil Engineers.  
Israel Organization of Agricultural Engineers.  
Israel Organization of Consulting Engineers.  
Israel Desalination Society.

**Key Qualifications:**

Nearly 40 Years practical experience in multiple aspects of irrigation development, comprising development of water sources, water supply and distribution systems (including pumping stations, fresh water reservoirs and hydraulic structures), and analysis and optimization of agricultural systems.

Currently engaged in the provision of consulting, research, engineering, supervision and management services for complete agricultural projects in both developed and developing countries. Amassed extensive experience in the planning, design, construction, supervision and management of projects involving high-pressure irrigation systems, including sprinklers, drippers and pivots.

Served as training specialist for personnel in Israel and abroad in subjects relating to cultivation and irrigation methods and systems.

**Typical assignments include:**

- **Australia:** Planning, design, construction and supervision of six irrigation project in New South Wales and Victoria, comprising main water supply canals; pumping stations; head control and automation; and intensive high-pressure irrigation systems, including sprinkler, pivot and drip methods.
- **China:** Management of the first international course on the subject of modern drainage and high-pressure irrigation systems in Xian and Beijing Agricultural Universities and the Chinese National Research Institute.
- **Puerto Rico:** Design construction and supervision of pumping stations, wells, main water distribution systems and intensive irrigation systems, based on drippers and sprinklers.

- **Argentina:** planning, design and establishment of a 500-ha cotton plantation using modern agricultural technology, including intensive irrigation systems based on pivots, sprinklers and drippers.
- **Ethiopia :** Team leader & technical project managing of large scale moderns agricultural project including design of pressurized irrigation projects pump stations Ac,,,
- **Israel:** Training both in Israel and internationally in the principles of irrigation and drainage system design under the auspices of the Ministry of Foreign Affairs and the Israel Export Institute of the Ministry of Trade and Industry.

### **Education:**

Technion-Israel Institute of Technology, Faculty of Agricultural Science, Haifa.

1978 B.Sc. In Water and Soil Engineering.

Institute of the Ministry of Labor, Tel Aviv  
1998 Diploma in Economics and Business Management

### **Special Coursed:**

- Irrigation Using Sewage Water and Salinity Problems & Desalination-Volcanic Center for Agricultural Research.
- Computer Operation and Application: Internet, Excel, CAD, Word, PowerPoint, and project 2000.
- Seminars on Corrosion, pumps and use of Computer Aided Design-Association of Engineers and Architects in Israel.
- Various seminars-Exports Institute of Israel, Volcanic Center, Technion, Ministry of Agriculture, and Israel Water Commission.

### **Employment Record:**

1978 to present: **COMPLETE INTERNATIONAL AGRICULTURAL SYSTEMS.**

#### **Engineering & international projects Ltd.**

Owner of private company providing consulting, research, engineering, supervision and management services for complete projects, comprising elements such as development of water sources, water supply and distribution systems (including pumping stations, fresh water reservoirs and hydraulic structures), and analysis and optimization of agricultural systems.

Engaged in the following principal assignment in Israel and abroad:

- **Australia:** Planning, design, construction and supervision of six irrigation projects in New South Wales and Victoria, Comprising the following components: main water supply canals; pumping stations; head control and automation; and intensive high-pressure irrigation systems including sprinkler, pivot and drip methods. Also involved in the design of regional project models in the Murray River basin, including resolution of salinity problems.
- **China:** Management of the first international course on the subject of modern drainage and high-pressure irrigation system in Xian and Beijing Agricultural Universities and the Chinese National Research Institute. Also establishment of project medals for local production.
- **Puerto Rico:** Design, construction and supervision of pumping stations, wells, main water distribution systems, and intensive irrigation systems, based on drippers and sprinklers. Also responsible for the convention of eight agricultural plantations to intensive crop farms.
- **Argentina:** Planning, design and establishment of a 500-ha cotton plantation using modern agricultural technology, for the Klal concern and the Israel Kibbutz Association Project components included wells, water supply and filtration systems, automation, and intensive irrigation systems based on pivots, sprinklers and drippers.
- **Egypt:** planning, design and establishment of five new intensive agricultural farms in the western Egypt desert, including the following components: wells, water supply systems, pumping stations, filtration systems, control systems, and advanced irrigation systems based on sprinkler and drip methods. Also engaged in the design of urban water distribution and supply systems for the sixth of October municipality, and desert irrigation systems for a golf course.
- **Jordan:** Introduction of hydraulic growing methods and growth in soil less media in conventional greenhouses.
- **Spain:** Training and transfer of technology in subjects relating to cultivation techniques and irrigation methods and systems, as well as supervision of advanced agricultural projects in Valencia.
- **USA:** planning, design and construction of a total of seven agricultural projects involving water supply systems, regional development planning, improvement of furrow and flooding irrigation, and overall modernization.
- **Philippines:** Consultant to the Minister of Agriculture in the planning, design and construction of water supply reservoirs, including analysis of regional water balanced and designs of regional and local systems.

- **Morocco:** Design of agricultural projects suited to arid and semi-arid conditions, including irrigation systems based on sprinklers and drippers.
- **India:** Design of agricultural projects incorporating high-pressure irrigation systems.
- **South Africa and Namibia:** Design of agricultural projects suited to arid and semi-arid conditions, including irrigation systems based on sprinklers and drippers.
- **Ethiopia:** Team Leader Ziway and Raya projects of pressurized system design.
- **Israel:** Development and supervision of modern agricultural projects as well as training of personnel in the principles of irrigation and drainage system design. Activities included:
  - Development of innovative methods for growing of crops in greenhouses, including hydroponics and soil less media.
  - Design and construction of greenhouse projects, including irrigation, fertilization and automation, in settlements in the Jordan and Beit-Shean Valleys (over 100 projects).
  - Design and supervision of main water supply systems to agricultural settlements.
  - Design of water supply systems for agricultural use (100 projects).
  - Training in Israel and internationally in the principles of irrigation and drainage system design under the auspices of the Ministry of Foreign Affairs and the Israel Export Institute of the ministry of Trade and industry.
  - Management of international courses in irrigation for CINADCO- Center for international Agricultural Development Cooperation.

**1979-1988: METZERPLAS IRRIGATION SYSTEMS LTD.**

Senior Irrigation Engineer, responsible for establishment of the Commercial Irrigation Systems Planning Department. Also in charge of managing the department, with responsibility for a team of two engineers and five technicians. Instrumental in incorporating computer aided design for projects in both the domestic market and overseas markets. Also engaged in the training of engineers in Israel and abroad.

**Languages:**

	<b>Speaking</b>	<b>Reading</b>	<b>Writing</b>
<b>English</b>	Excellent	Excellent	Excellent
<b>Spanish</b>	Good	Poor	Poor
<b>Arabic</b>	Excellent	Good	Poor
<b>Hebrew</b>	Excellent	Excellent	Excellent