

Lake Kinneret

Israel

Installed in 2001

Lake Kinneret is located in Northern Israel and is one of the largest freshwater lakes in Israel, stretching 21 kilometers. The purpose of this project is to monitor water quality because Lake Kinneret provides more than 30% of the drinking water supply to Israel.

A permanent Lake Diagnostic System (LDS) was installed in 2001 and was updated with a temperature chain in 2003. The Centre for Water Research developed a three-dimensional hydrodynamic and ecological model (DYRESM and ELCOM_CAEDYM) of Lake Kinneret in order to research water quality improvement.

