

Environmental Perspectives of Water Resources in Israel 206-25291 – 2.25 credits

Dr. Efrat Farber

Syllabus

Acquaintance with water resources of Israel and the Middle East; study of hydraulic systems and problems of water quality in Israel. Introduction to water pollution, water quality and water standards, description of water resources of the region in geopolitical context; the Sea of Galilee and the Nation Water Carrier, the mountain aquifer, the coastal aquifer, dangers and solutions regarding sewage, and alternative water sources. The exercise will concentrate on chemical makeup of water resources and hydrochemical models in understanding pollution and salinization.

Bibliography

Course reading materials are placed by the instructor on the course Web page during term time.

Course Requirements

2 hr lecture

1 day excursion

Grading

100% final exam