

Regional Field Trip 2 206-13304 - 1.25

Dr. Itay Haviv

Syllabus

The purpose of this excursion is to learn about the stratigraphy of the Lower and Upper Galilee, Jordan Valley, Hula Valley, and Golan Heights, and the tectonics of this region, especially of the Rift Valley from Gesher to Metula. In the Golan Heights, basaltic units will be observed, and in the Jordan Valley, tectonic events that co-occurred with sedimentation within the Rift. In the Galilee, strike-slip movements, creation of grabens, horsts, and step faults.

Bibliography

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

Course Requirements

Prerequisites: Structural Geology, Introduction to Sedimentology, Introduction to Dynamic Geology, Stratigraphy, Igneous and Metamorphic Petrology
5 days excursion

Attendance is mandatory in all excursion days. Each student must write a log. The log should include a summary of observations and explanations in each stop. Logs will be examined and have an effect on final mark. The rest of course mark will be based on a test held after the end of the course or a final.