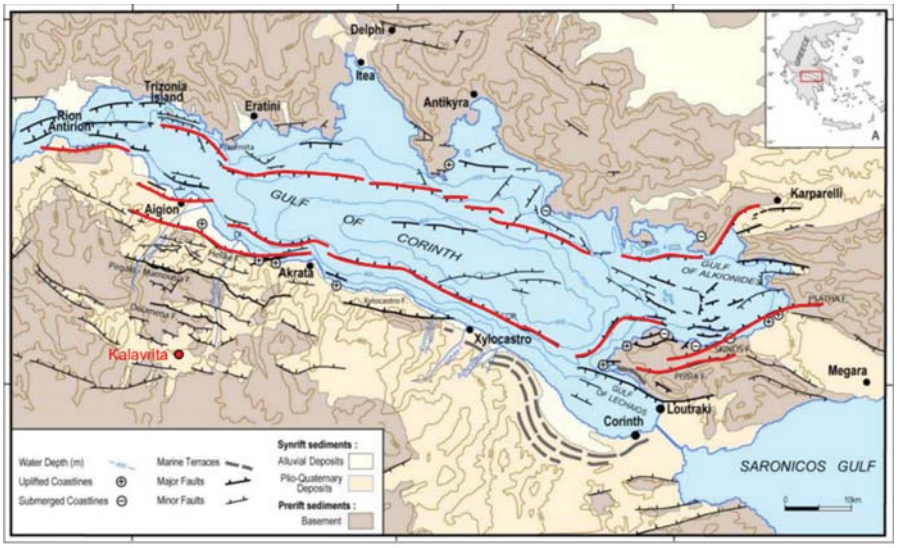
How to sign up: http://www.force.org/en/Seminars/Field-trip-to-the-Gulf-of-Corinth/

2025 Field trip to the Gulf of Corinth

Rift tectonics vs. sedimentation Fault block scales and geometries Sedimentological variations and architecture Seismic and subseismic deformation Fault properties and fluid flow Analgues to NCS Seismic Scale Examples

This trip is facilitated by FORCE with instructors from AkerBP and Concedo

The Gulf of Corinth rift margin offers world class exposures in the scene of an active rift. This field trip demonstrates the complexity of rifted margins with respect to timing of fault movements, unconformities and resulting geometries of tectonic and depositional elements. Emphasis will be put on analogies on the Norwegian Continental Shelf.



Map: The map shows the geological outline of the Gulf of Corinth, situated on the northern Peloponnese coast. The east-west trending active rift system has been active since Miocene, and syn-rift deposits rest unconformably on top of basement rocks of Cretaceous and older age. Red lineaments show active faults.

Modified from Moretti et al. (2003).

Left: Rotated fault block. Mapping of large to medium scale faults and internal sedimentological layering trigger field discussions like fault block geometries, uncertainties in seismic interpretation and compartmentalisation.
Right: Small-scale faults segmenting fluvial channels. Relevant topics like sediment transport direction, fault seal analyses and implementation of heterogeneities in 3D models are discussed.

Excursion Guide: Einar Sverdrup, Advanced Geologist (Aker BP ASA).
Field Assistant, Anders G. Finstad, Explorationist (Concedo AS).

Duration: The Gulf of Corinth field trip is scheduled to start and end in Athens (Monday 5th to Friday 9th May 2025), with 3 full days (Tuesday-Thursday) in the field.

Cost: Estimated to NOK 10.250 (12 participants) , which includes hotels, rental cars and common meals. Plane tickets are not included. Recommendation for booking of plane-tickets will be given as soon as the trip is confirmed.

Other: Number of participants 8-15. Some adjustments of the price can occur based on the final number of participants (+/- 10%). The field trip schedule, as well as excursion field guide will be provided in due time before the trip.