

NEW DATE
25-26 APRIL 2026

Pacific Section SEPM Field Trip

This trip touches all the bases – world class geologic sites along famous beaches

Saturday April 25:

Examine all phases of a **SUBMARINE FAN** in beach cliff exposures of Late Cretaceous (Campanian) strata in La Jolla and Pacific Beach, California. We will “wade through” Cretaceous 1) tidal-channel deposits, 2) see dramatic deepening from 1m to 1km deep water, then take close-up looks at 3) basin plain, 4) outer submarine fan, 5) mid-fan, and 6) inner-fan valley strata.



Added bonus of Eocene and Pliocene deposits at Tourmaline Beach

Sunday April 26:



Walk below 100m high cliffs along Torrey Pines Beach in La Jolla. Examine Eocene lagoonal and tidal-flat deposits that are cut by the north wall of an Eocene **SUBMARINE CANYON**. Continue walking south and see the lateral coarsening of sediment infill as a prograding alluvial fan delivered ever-coarser sediments into a widening submarine canyon. Added bonus of Paleocene/Eocene Thermal Maximum strata.

Trip leader is Pat Abbott with co-leaders including Ron Kies and Bill Bartling.