

**Santa Barbara Basin Cruise Plan
RV Sproul; San Diego-San Diego
21-26th January 2009**

PIs Ingrid Hendy (University of Michigan), Arndt Schimmelmann (Indiana University, Bloomington), Dotti Pak (UC Santa Barbara).

Equipment that needs to be loaded on the Sproul includes kasten and box coring equipment from SOI MarFac, several barrels for the kasten corer, and all the lead available, and a few 4x4 pieces of lumber to keep a full kasten core barrel slightly raised and tied to the deck for subsampling, while we can deploy another kasten corer.

Departure at the earliest convenience in the morning of 21 January.

Arrival in the center of the Santa Barbara Channel by next morning. Kastan coring will begin immediately at ~ 34°16.906'N; 120°02.162'W, 585m water depth. Once a promising kasten core is on the fantail some time is required to work on it. At this point we may either take more kasten cores (with a different barrel) or switch to box cores.

This cruise plan may vary depending on weather and/or success of core recovery.

Our departure from the Santa Barbara Channel should allow for unloading of samples in San Diego and evening departures for the participants.