Integrated Ocean Drilling Program Call for Applications: Application deadline: 1 August 2012

IODP Asian Monsoon Expedition (346)
: 20 August to 28 September 2013

The objective of this expedition (based on IODP Proposals 605-Full2, 605-Add, 605-Add2, and 605-Add3) is to core and log sites on a latitudinal transect in the Japan Sea, and one site in the northern East China Sea, to test the hypothesis that Pliocene-Pleistocene uplift of the Himalayan and Tibetan Plateau and the consequent emergence of the two discrete modes of westerly jet circulation caused the amplification of millennial scale variability of the Asian monsoon and tele-connection mechanism with Dansgaard-Oeschger Cycles.

Scientific objectives will (1) address the timing of the onset of orbital and millennial scale variability of the East Asian Monsoon, (2) reconstruct orbital and millennial-scale paleoceanographic changes in the Japan Sea during at least the last 5 m.y., (3) reconstruct the ventilation history of the Japan Sea, and its relation with the nature of the influx through the Tsushima Strait and/or the intensity of winter cooling; and (4) monitor the history of the Yangtze River discharge in the northern end of the East China Sea as it reflects variation and evolution in East Asian summer monsoon.

The expedition schedule is available at
http://iodp.tamu.edu/scienceops/.
The expedition web page at
http://iodp.tamu.edu/scienceops/expeditions/asian_monsoon.html
provides the original IODP proposals and expedition planning information.

Applications for participation must be submitted to the appropriate IODP Program Member Office – see
http://www.iodp.org/program-member-offices