



APPLY TO SAIL: EXPEDITION 387 AMAZON MARGIN

The International Ocean Discovery Program (IODP) is now accepting applications for scientific participants on [Expedition 387 Amazon Margin](#), aboard the *JOIDES Resolution*. To learn more about the scientific objectives of the expedition and how to apply to sail, please join us for a web-based seminar on Monday, 11 February 2019 at 12:00 PM EST – click [here](#) to register.

IODP Expedition 387 will drill the upper portion of the Foz do Amazonas basin of the equatorial margin of Brazil to recover a complete, high-resolution sedimentary sequence spanning nearly the entire Cenozoic. This expedition is the marine complement to the Trans-Amazon Drilling Project transect of continental drill sites, and will address fundamental questions about the Cenozoic climatic evolution of the Amazon region, the origins and evolution of the neotropical rain forest and its incomparable biodiversity, the paleoceanographic history of the western equatorial Atlantic, and the origins of the transcontinental Amazon River.

Core and log data from sites on the uppermost continental slope will be used to: (1) generate a continuous record of climate and biodiversity in Cenozoic South America at unprecedented resolution; (2) reconstruct the oceanographic conditions of the western tropical Atlantic; (3) provide critical marine biostratigraphic control for correlation with the Trans-Amazon Drilling Project; (4) determine the onset and history of transcontinental drainage of the proto-Amazon River into the Atlantic; and (5) test major hypotheses about the originations and extinctions of tropical South American biota.

The expedition will take place from 26 April to 26 June 2020.

Opportunities exist for researchers (including graduate students) in all shipboard specialties, including but not limited to sedimentologists, micropaleontologists, paleomagnetists, inorganic/organic geochemists, petrologists, petrophysicists, microbiologists, and borehole geophysicists.

U.S.-affiliated scientists interested in responding to the special call should apply to sail through the [U.S. Science Support Program](#). The deadline to apply is **March 1, 2019.**

For questions, please email usssp@ldeo.columbia.edu.