



AWSFL008-DS3

NSF Award Abstract
- #9907201

Benthic Flux Meter Study Across the Costa Rica Margin

NSF Org OCE

Latest Amendment Date July 14, 1999

Award Number 9907201

Award Instrument Standard Grant

Program Manager Bilal U. Haq
OCE DIVISION OF OCEAN
SCIENCES
GEO DIRECTORATE FOR
GEOSCIENCES

Start Date September 1, 1999

Expires August 31, 2001 (Estimated)

Expected Total Amount \$64564 (Estimated)

Investigator Kevin M. Brown
kmbrown@UCSD.edu (Principal
Investigator current)

Sponsor U of Cal SD Scripps Inst
9500 Gilman Drive
La Jolla, CA 92093 858/534-1293

NSF Program 1620 MARINE GEOLOGY AND
GEOPHYSICS

Field Application 0204000 Oceanography

Program Reference Code 0000,OTHR,

Abstract

Funds are being provided for the deployment of 14 benthic flux meters that will be combined with ocean-bottom seismometers (OBSs), and 8 autonomous flux meters, across the Costa Rica subduction zone. The meters will provide information about the regional changes in diffuse fluid expulsion patterns across this convergent margin. The study will be carried out in conjunction with another funded study across the Costa Rica subduction system that will deploy the OBSs. The flux meters are designed to measure slow to moderate flow rates and will provide broad regional coverage. In the Costa Rica system most of the fluid expulsion is expected to be slow to moderate diffuse flow. Knowing these flux rates is relevant to the objectives of the MARGINS' experiments on the Subduction Factory (SubFac) and SEIZE topics.

You may also retrieve a [text version](#) of this abstract.

Please report errors in award information by writing to: award-abstracts-info@nsf.gov.

Please use the browser back button to return to the previous screen.