

## **UPGRADE OF TIDE GAUGES FOR TSUNAMI WARNINGS**

Bernard J. Kilonsky and Mark Merrifield  
University of Hawaii Sea Level Center  
Honolulu, HI

### **ABSTRACT**

The University of Hawaii Sea Level Center is engaged in the upgrade and installation of approximately 30 tide gauges in the Indian Ocean for tsunami warning. The intent is to provide multi-purpose station configurations suitable for measuring short-term tsunami and surge events as well as long-term sea level rise and variability. This is being pursued using the Intergovernmental Oceanographic Commission's Global Sea Level Observing System (GLOSS) as a backbone network. The status of these improvements will be presented.