

## **THE CORINTH RIFT LABORATORY SEISMOLOGICAL NETWORK: FIRST RESULTS**

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The Corinth Rift Laboratory seismological network has been designed to best monitor the area surrounding future deep drilling sites. At present it includes 8 stations covering an area about 20 x 25 km<sup>2</sup>: 2 on the northern shore and 6 on the southern shore of the Gulf, distributed around the city of Aigion. Because of poor site conditions on the southern shore (conglomerates and urban noises), the 2Hz seismometers were installed in holes 80 to 100 m deep. Recording is continuous and data are stored on sites. Communication with the stations for operating control and automatic download of the earthquake data through modem will be installed in 2001. Former studies have shown that the level of microseismic activity is high and that earthquakes often occur in clusters. We will present the first results coming out of these data. Our effort will be concentrated on the detailed identification of active zones, possibly, by using multiplets relocation techniques within the clusters.