A New Software for Mapping Seismic Quiescence

# Kohji Hosono [1], Akio Yoshida [2]


There are a lot of papers report appearance of seismic quiescence before large earthquakes in and around the focal regions. For the purpose of detecting seismic quiescence a computer tool Zmap devised by S. Wiemer has been used widely. We here introduce a new computer software developed on the basis of the idea of CHASE proposed by Yoshida et al. (1997). By using the software spatial extent of quiescence area could be specified clearly and precursory quiescence with various time durations could be detected effectively.