Activity of the Osaka-wan fault since 1Ma, estimated by seismic reflection surveys
(Part.2)

# Takanobu Yokokura [1]


The activity of the Osaka-wan fault system including its northern branches since 1Ma was estimated at 17 sites, based on seismic reflection data. The slip rate of the fault has slightly accelerated since around 0.5Ma. The average slip rate (vertical component) of the major part is about 0.5-0.7m/ky since 1Ma and about 0.6-0.8m/ky since 0.3Ma. The fault (or fault system) has more than 0.5m/ky of average slip rate at almost all part. As the horizontal component of the slip rate may be dominant in this region, the Osaka-wan fault may have the total slip rate more than 1m/ky, and therefore may have the degree A of fault activity.