

## Seismic and volcanic activity in and around Korea and recent tectonics of East Asia (2).

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Seismicity from the inner region of Southwest Japan to the western part of the Japan Sea, Korea and Northeast China is characterized by shallow earthquakes that distributes wide in this region. They can be regarded as latent seismicity and might reflect influences of upper mantle activity. A seismically quiet region is found wide in and around Korea, where quaternary volcanoes distribute. This region may be related to high temperature feature of the crust and upper mantle of this region since similar quiet region is also seen around quaternary volcanoes in Japan. Attenuation of seismic waves is remarkably small or earthquake shakings are anomalously large in the middle to south area of Korea that may be attributed also to the peculiar structure of the crust and upper mantle of this region.