

## Tectonic evolution of the collided range Himalayas: Overview and its relationship to geology of East Asia

# Harutaka Sakai[1]

[1] Earth and Planetary Sci., Kyoto Univ.

I overview the current data and understanding on the evolution of the collided range Himalayas, and discuss on the interrelationship between evolution of Far east Asia and the Himalayas from the following view points:

1. Age and origin of rocks in the Himalayas
2. Partial melting of the middle crust of Tibet and its extrusion
3. Continent-continent collision and opening of rift and back-arc basins
4. Tectonics of the Himalaya-Tibet and Asian monsoon