

## Formation of Ryoke and Abukuma belts

# Akira Ono[1]

[1] NIRIM

Izanagi plate subducted below the eastern Asia at the period of 130 Ma-100 Ma. The rapid plate motion of Izanagi plate caused the northward drift of north-west Japan and the outer zone of south-west Japan. Sanbagawa metamorphic rocks were formed in the eastern margin of the drifting land mass, while Abukuma metamorphic rocks in its western margin. At approximately 95 Ma, the subducted plate was changed from Izanagi plate to Pacific plate which subducted to the north-western direction and subduction-related magmatism took place near the Ryoke belt. No marked tectonics occurred in the Abukuma belt after the change of the subducted plate.