

## Frontiers of seismological studies on deep Earth

# Satoru Tanaka[1]

[1] IFREE/JAMSTEC

It is widely accepted that a static one-dimensional Earth model has been almost completed since Jeffreys and Gutenberg had started studies on Earth structure. However, solid Earth sciences recently discuss dynamic activity of the Earth and require seismologists to clarify dynamic three-dimensional structure of the Earth. In this talk, we will review recent progress of seismological studies on the deep Earth and discuss the interesting topics on solid Earth sciences associated with seismological approaches.