## Crustal structure across the coseismic rupture zone of the 1973 Nemuro-oki earthquake ocurred in the Kuril trench

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To understand the deep crustal structure of the Kurile Trench seismogenic zone, we performed an extensive onshoreoffshore seismic survey across the Kuril Trench in July-August of 2000. The seismic profile was selected to cross the coseismic rupture zone of the Nemuro-oki earthquake (M7.4) occurred in 1973. It is important to know the crustal structure of the coseismic rupture zone for understanding the relation between the crustal structure, rupture process of the 1973 earthquake, and background seismicity around this region. In this presentation, we will discuss about the crustal structure deduced from offshore seismic survey from the Kurile Trench to near the coast of the eastern Hokkaido.