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Dr. Shuichi Kodaira is a Director/Principal Scientist of R&D Center for Earthquake and Tsunami, JAMSTEC, and also an adjunct professor of Tohoku University and Yokohama National University. He has been studying structures and dynamics of oceanic plate in various tectonic settings using marine geophysical and seismological approaches since he received his PhD in 1992 from Hokkaido University in Japan. Recently he and his group in JAMSTEC carried out intensive active- and passive-seismic studies in subduction zones around Japan. Results from those studies demonstrate how marine geoscience contributes to understand subduction zone processes and to mitigate geohazards. Dr. Kodaira has published more than 160 articles in peer-review journals, including Science, Nature Geoscience, Geology and AGU journals. He is elected a Fellow of AGU in 2014 and a Beno Gutenberg Lecturer AGU in 2017.