

**Toshio Yamagata**

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After having graduated from the University of Tokyo, he developed his career in oceanography and climate dynamics. Major achievements are introduction of the intermediate geostrophic dynamics and a model for ENSO, enhancement of our understanding of ocean upwelling domes, and discovery and prediction of ocean-atmosphere coupled modes such as the Indian Ocean Dipole. He received many national/international honors. Those include "Sverdrup Gold Medal" from AMS and "Medal with Purple Ribbon" from the Emperor of Japan. After retiring from Dean of School of Science of the University of Tokyo in 2012, he is affiliated with JAMSTEC as director of Application Lab.