

## **TOSHIYUKI HIBIYA**

Dr. Toshiyuki Hibiya is a Professor of Physical Oceanography at the Graduate School of Science of the University of Tokyo. His current research interests include the parameterization of diapycnal mixing processes in the deep ocean for next-generation global circulation models, accurate modeling of the upper ocean response through improved parameterization of mixed layer dynamics, and the dynamics of the Kuroshio meander. In particular, during the past 10 years, he has been involved in active theoretical and observational studies for the global mapping of diapycnal diffusivity in the deep ocean, which is essential to improve the ability of global ocean circulation models in predicting future climate changes.