

## **HIROAKI SAITO**

Dr Hiroaki Saito studied marine ecosystem dynamics and biogeochemical cycling. One of the research themes is biology and ecology of planktonic organisms, such as diatoms, copepods, dinoflagellates, fish larvae, and their responses to perturbations. The other theme is the role of marine organisms to biogeochemical cycling. This includes C, N, P, Si, and Fe consumption, regeneration and vertical export by marine organisms. In order to understand present marine ecosystem dynamics and to forecast its future, it is important to integrate information obtained various scientific disciplines, such as physical oceanography, biogeochemistry, biological oceanography, fisheries sciences. Dr Saito believes that the effort for the integration, or interdisciplinarity, is essential to find a way for sustainable use of marine ecosystem services, on which our human society largely dependent.