

ASADA LAB.

[Imaging of Underwater World with Acoustics]

Underwater Technology Research Center

<http://unac.iis.u-tokyo.ac.jp>

Underwater Acoustic System Engineering

Department of Ocean Technology, Policy, and Environment, Graduate School of Frontier Sciences

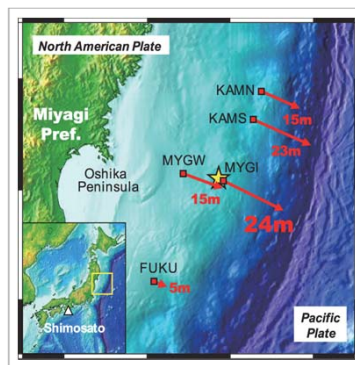
Imaging of Underwater World with Acoustics

- Submerged Object, Bottom, Sub-bottom, Inside Structure, Life and Seafloor Deformation -

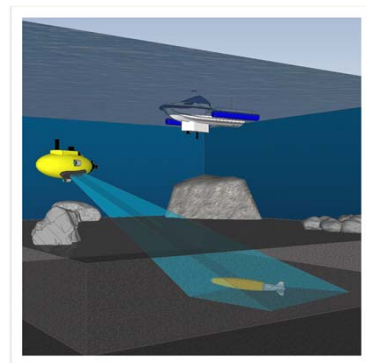
Acoustic wave plays active roles in water. Asada Lab. has been developing a variety of methods for measuring and imaging underwater phenomena with acoustics.



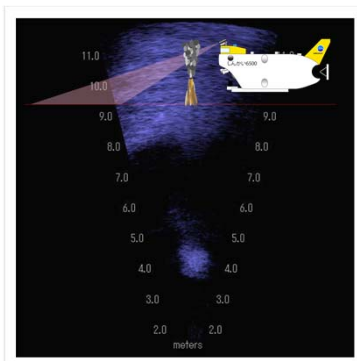
Underwater Structure



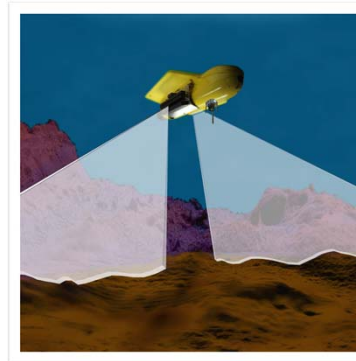
Seafloor Deformation



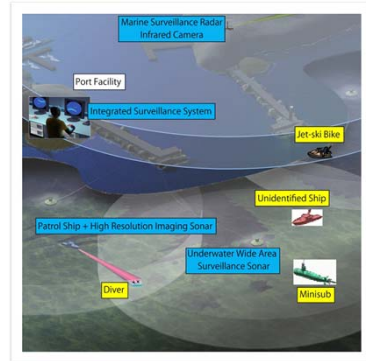
Sub-bottom Object



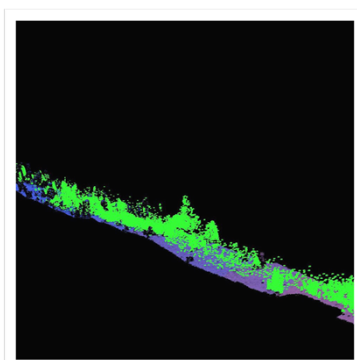
Hydrothermal Flow



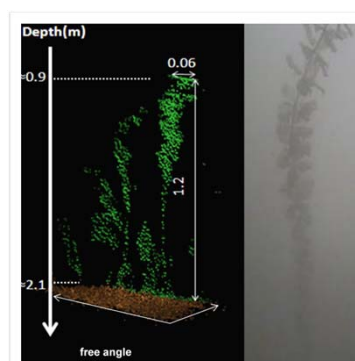
Seafloor Mapping



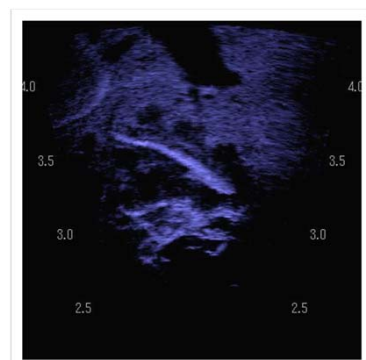
Waterside Security



Sea Plant Distribution



Aquatic Plant



Animal