



# Maki Lab.

[Light for the sea, adventures for the robots]

Underwater Technology Collaborative Research Center

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

Underwater Platform Systems

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

## Future platform systems for underwater observation

We are developing new systems for underwater observation, by means of latest technologies of robotics and informatics. These systems will realize wide-area, high-accuracy, and long-term observation through collaboration of multiple autonomous agents like autonomous underwater vehicles (AUVs).

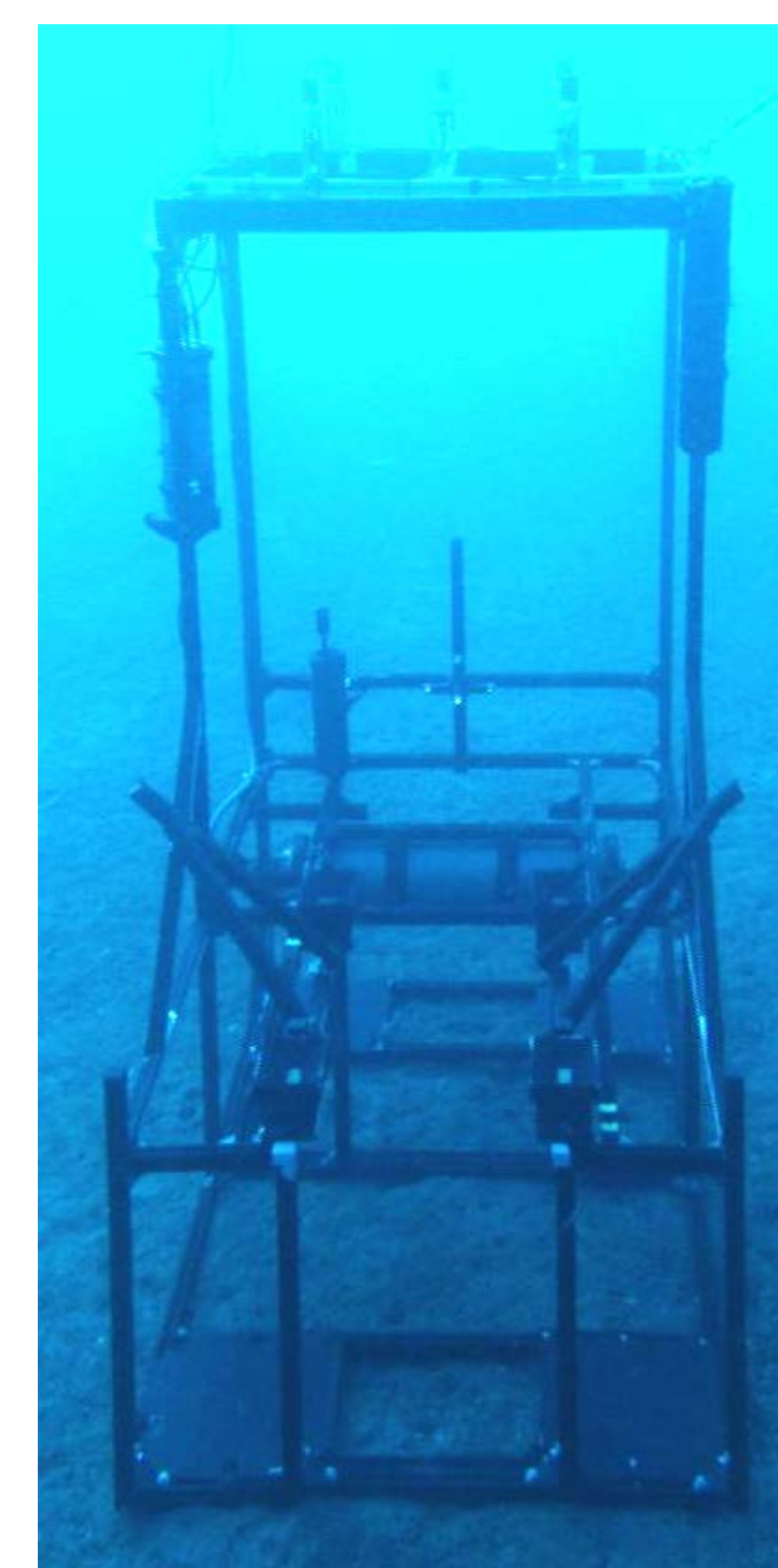
AUV Tri-Dog 1



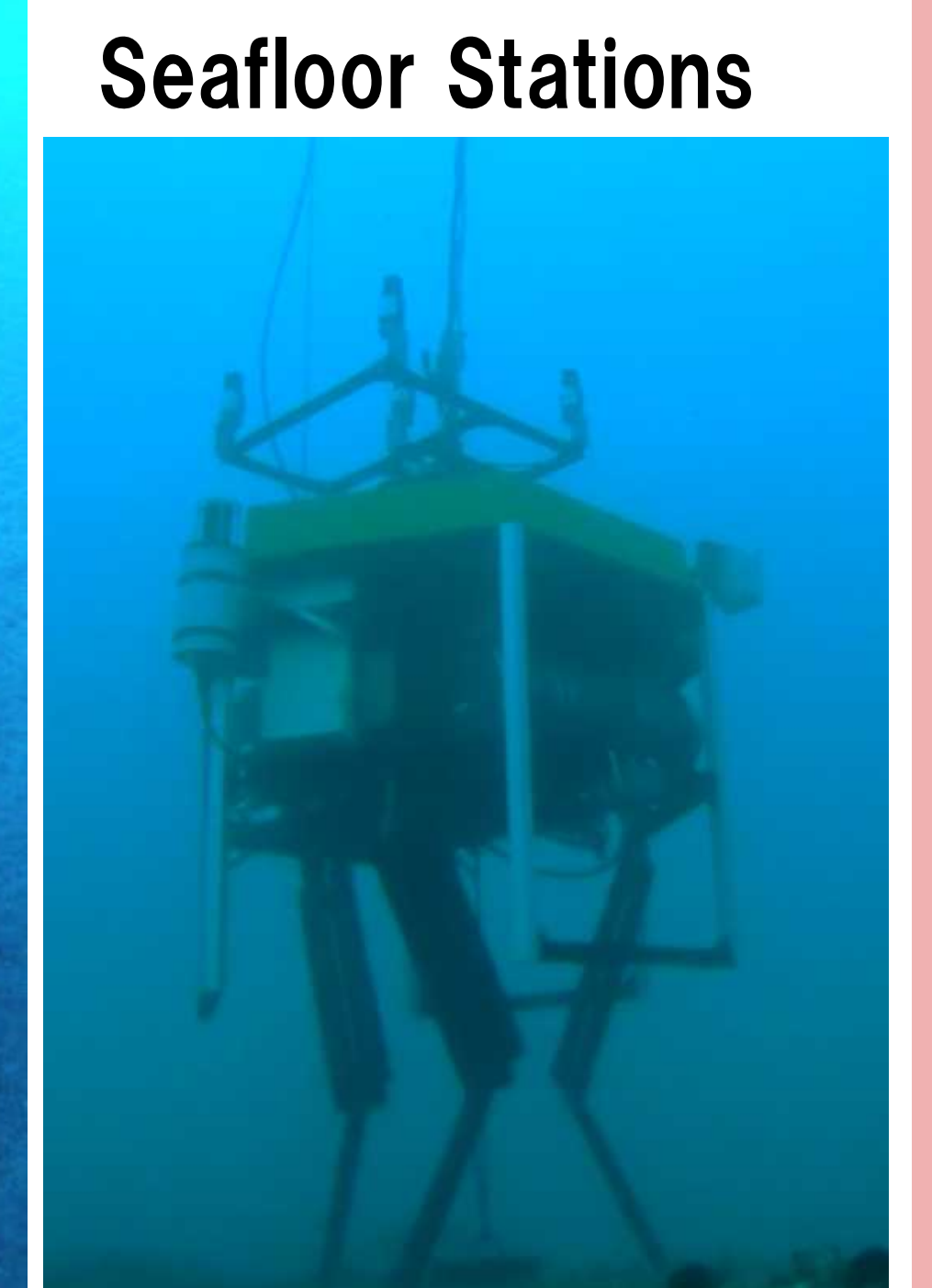
AUV Tri-TON



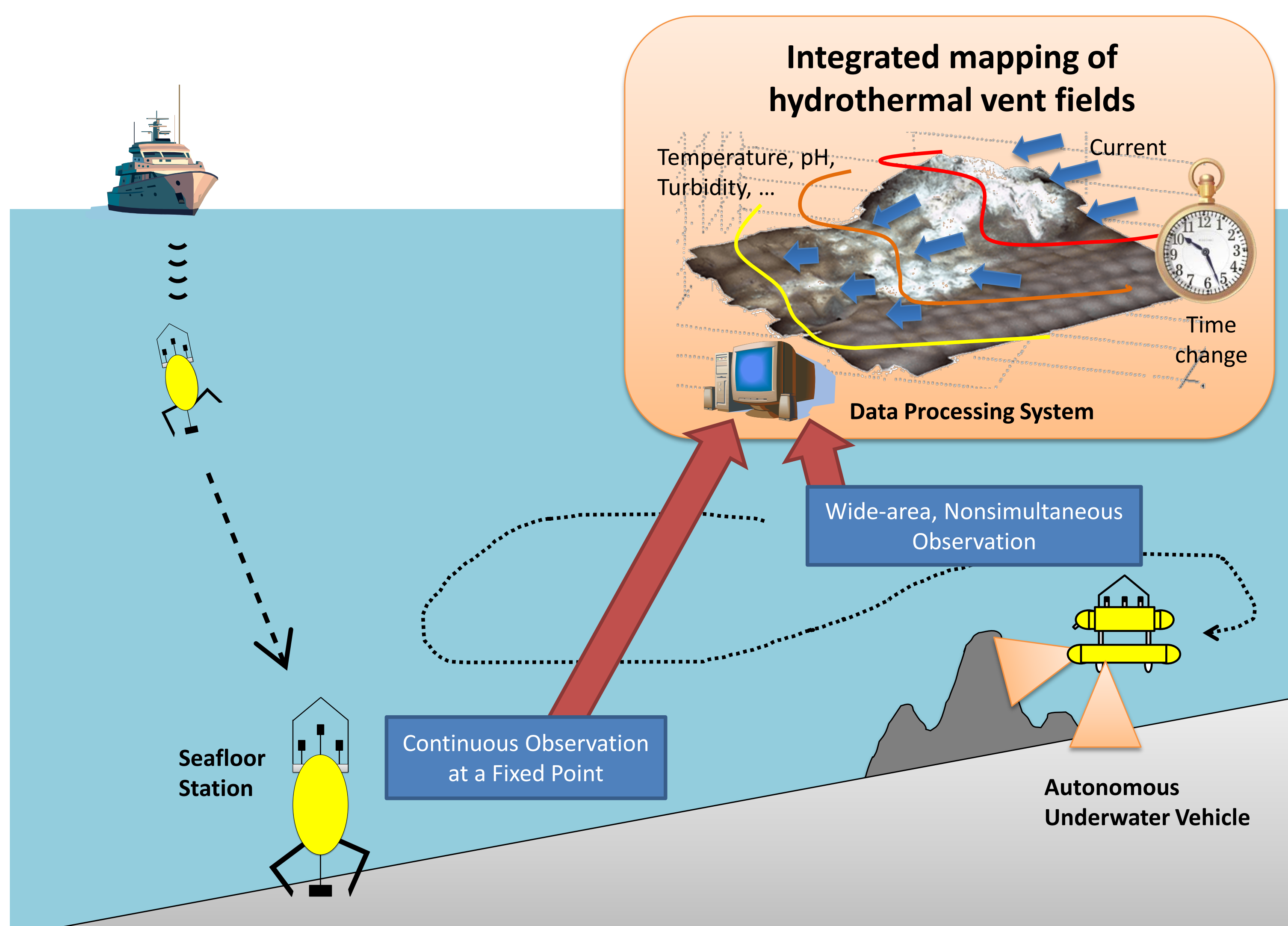
AUV Tri-TON 2



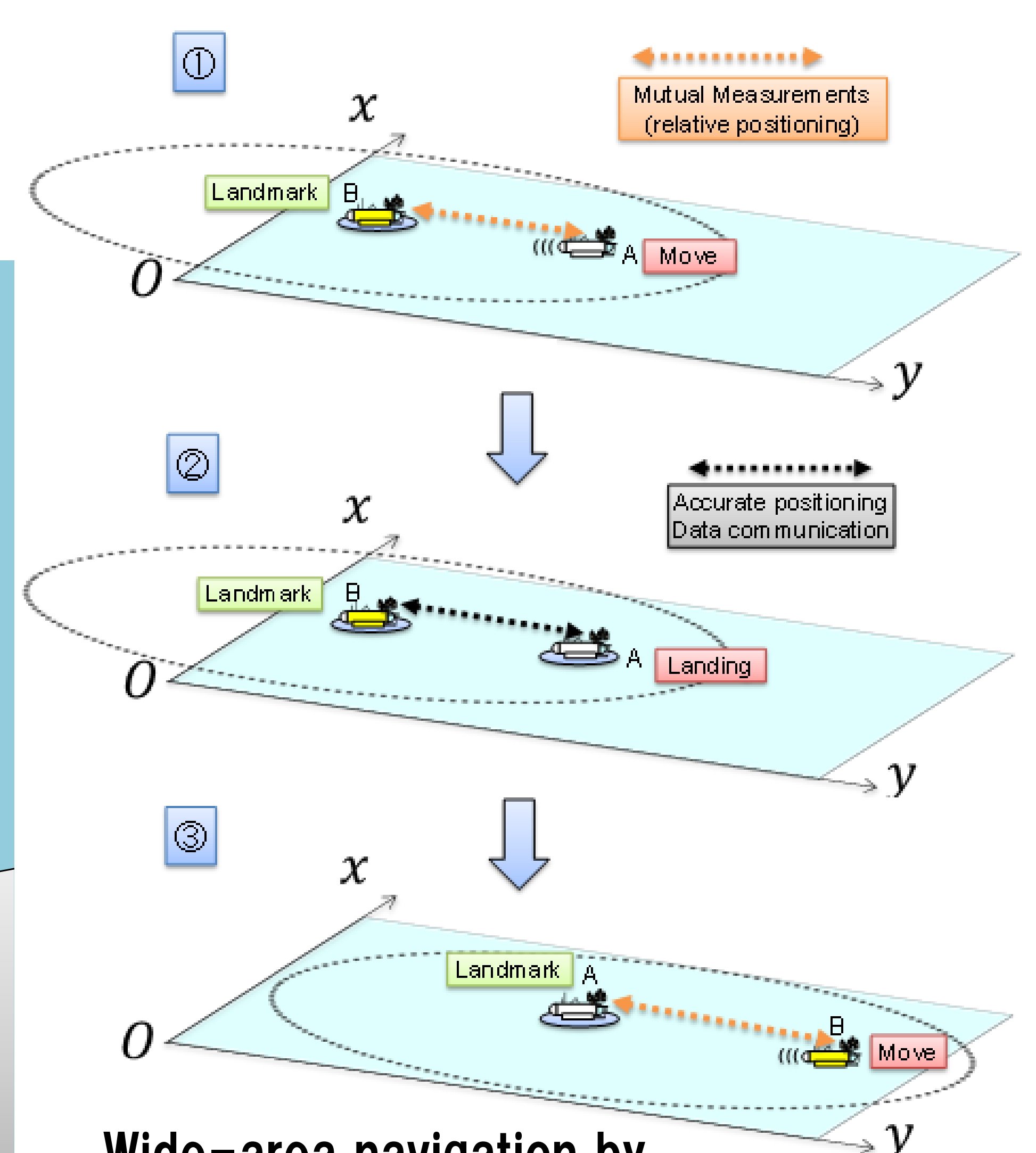
Type B



Type C



Integrated seafloor observation system by an AUV and a seafloor station



Wide-area navigation by collaboration of multiple AUVs