

YOKOTA LAB.

Underwater Real-time Informatics



Department of Mechanical and Biofunctional Systems
Center for Integrated Underwater Observation Technology

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

Underwater Information System

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

Mail: yyokota@iis.u-tokyo.ac.jp

Underwater Information by Marine and Satellite Monitoring

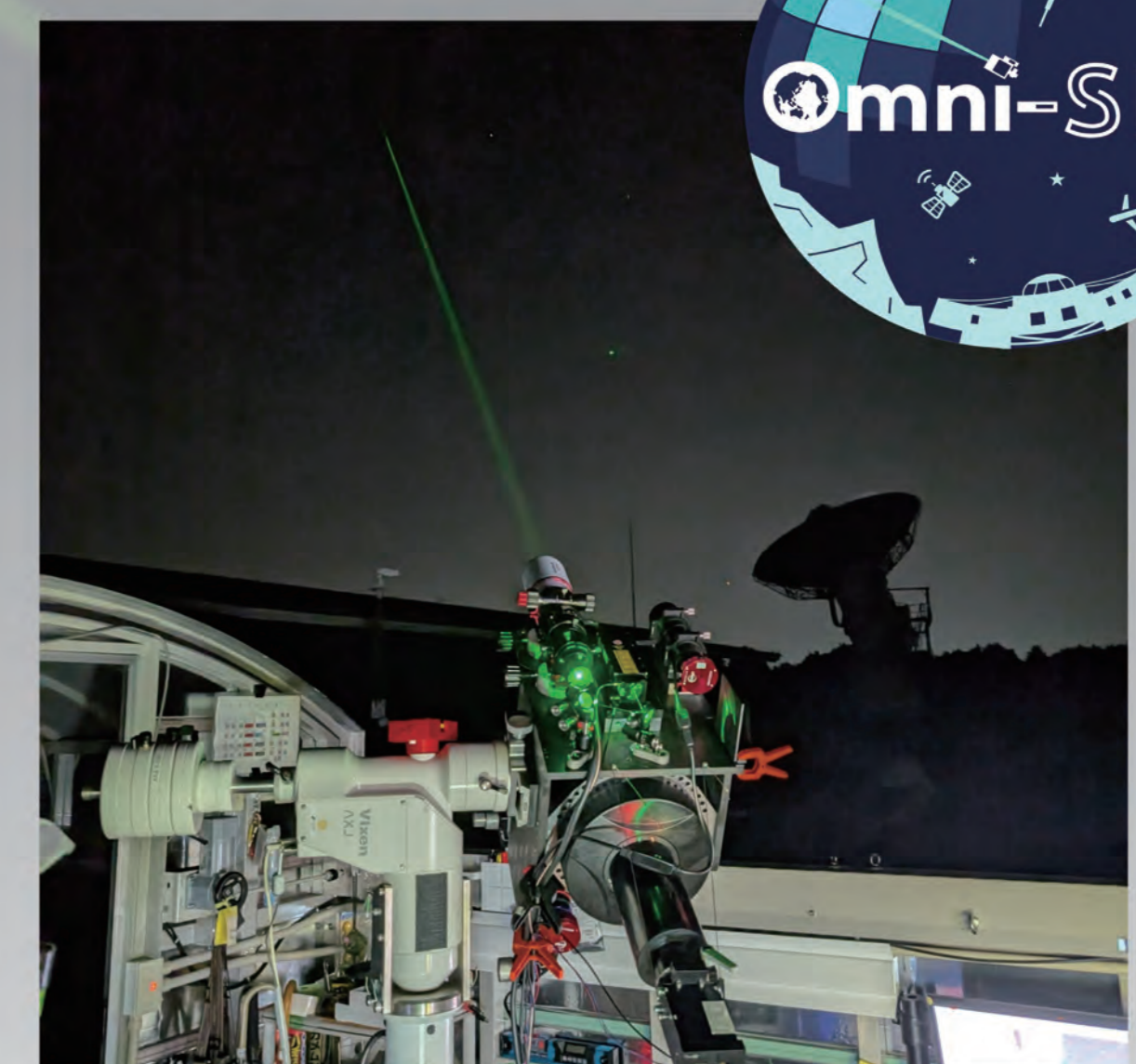
Based on underwater and satellite observation technology, We develop GNSS-A and contribute to disaster prevention engineering, ocean monitoring and others. Our research aims to create new data and discovery of new usages, especially in real-time.

In cooperation with several institutes and researchers, we promote these research topics:

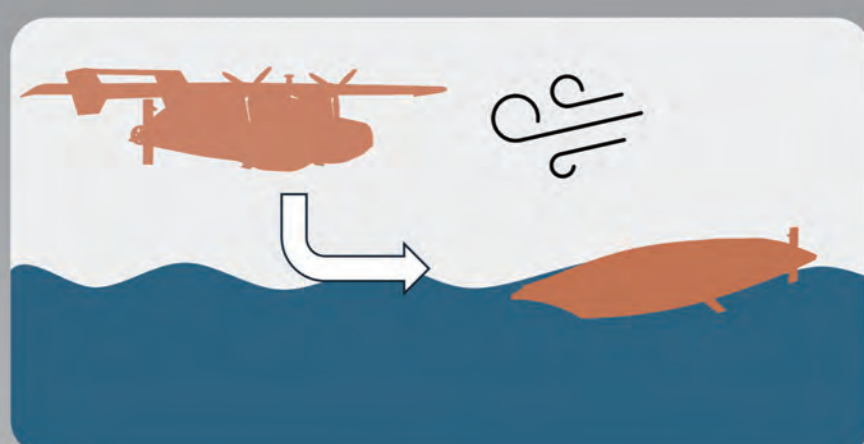
- Seafloor geodesy technology
- Satellite & aircraft monitoring around sea region
- Realtime ocean monitoring technology using UAV
- Seafloor surveying technology

...etc

Omni-SLR



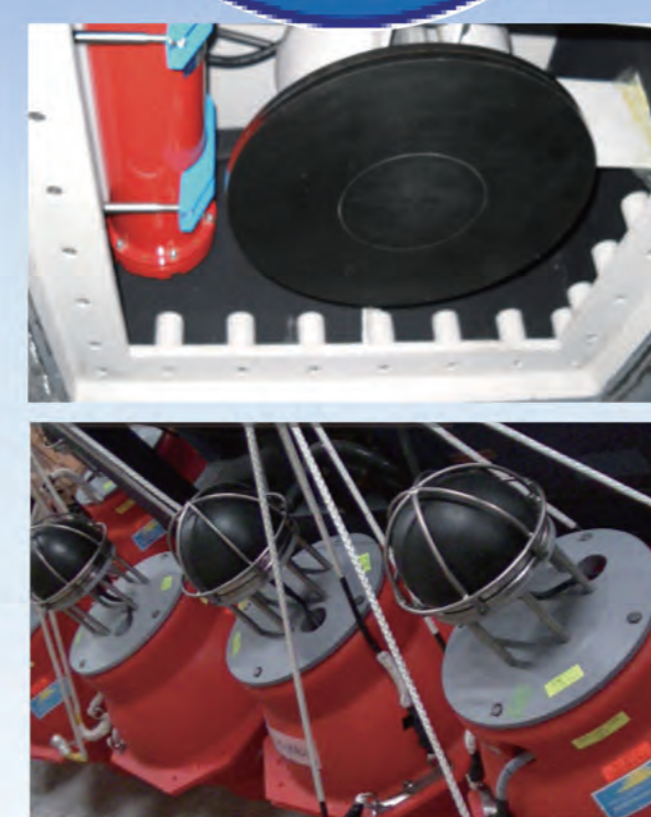
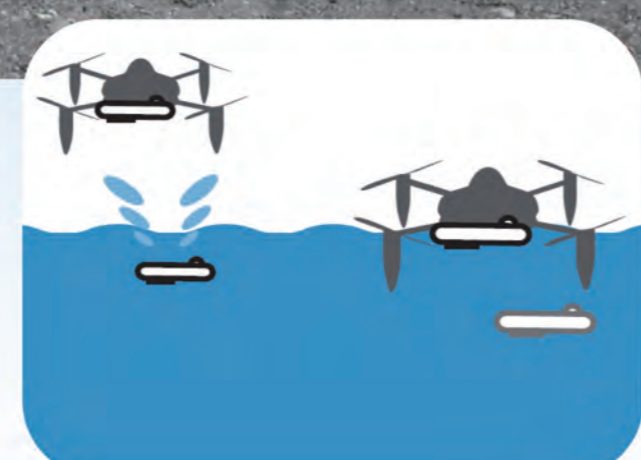
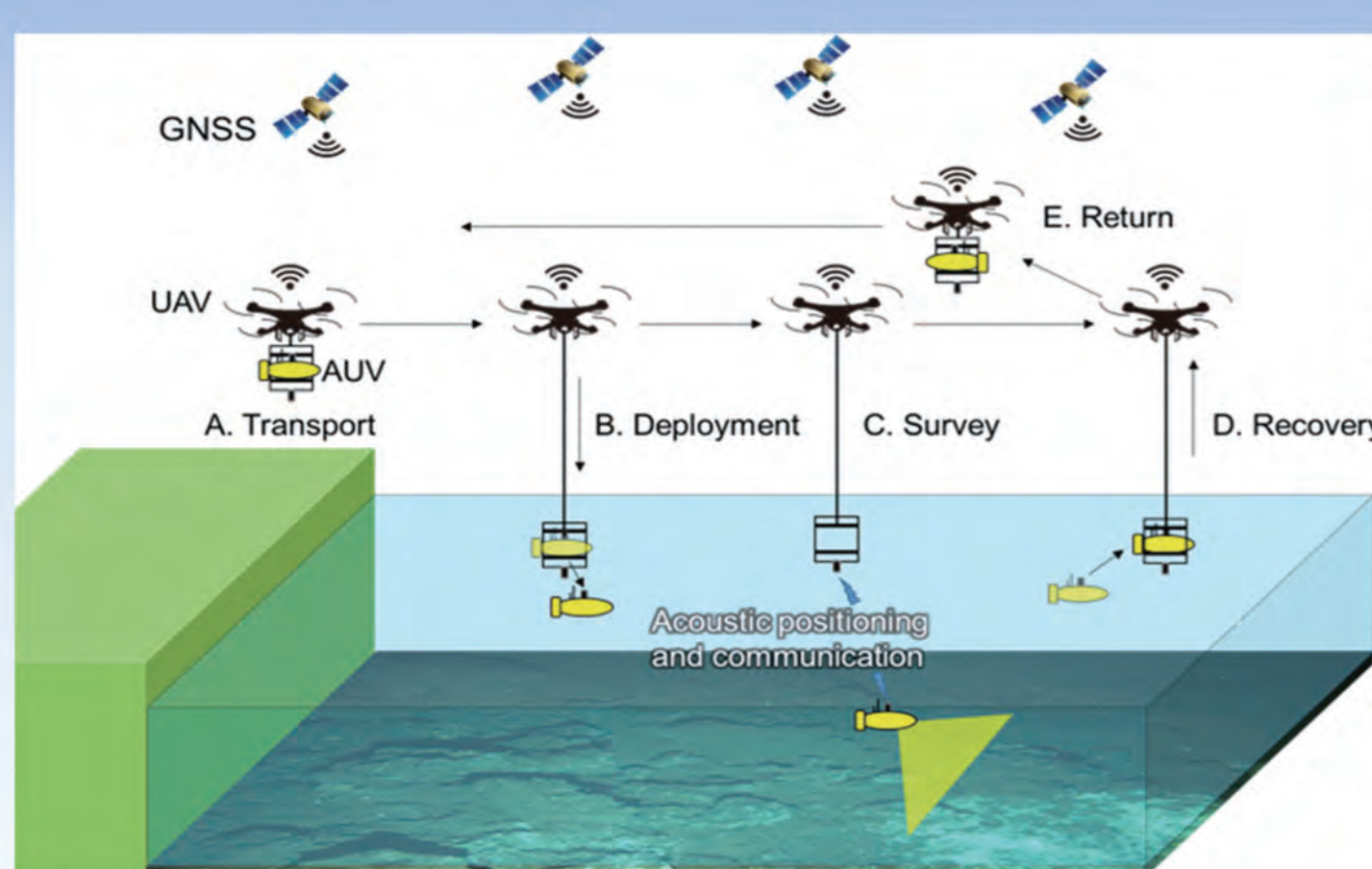
New surface platforms



GNSS-A

SGO-A

UAV-based seafloor survey



GARPÓS
Positioning for 70% of our planet

