

Oceanography (Optical Sensor)

Q1)

- Since the sea level and water mass changes hourly or daily by the tide and current, simultaneous Prism and AVNIR-2 observations are requested.
- Test data set of AVNIR-2 is desired for calibration of methods to quantify chlorophyll-a or map seabed characteristics.
- Repeating observation (46 days to seasons) is required at PI research area.
- Jaxa accepts new observation area.
- Since coastal zone is important as boundary area between land and sea, increase in ALOS observations is strongly desired.

Q2)

- Software development is needed for handling ALOS data including AVNIR-2, PRISM and PALSAR for beginners such as SEADAS.
- This software can process other satellite imageries such as LANDSAT, ASTER QUICK BIRD, IKONOS etc. with an easy import and export function from/to other softwares.
- This software can process atmospheric correction for coastal area and also produce DEM.
- It is recommended that JAXA provides observation instruments for underwater optics to PI.
- Sea truth campaign of ALOS is desired to educate citizens and children through their participation for outreach of ALOS.