

The distributed satellite information system See the Sea (STS) being developed by IKI RAS will not only provide the access to the data archives built in IKI RAS but also offer tools for producing different information products based on satellite data that can aid scientific investigation of processes and phenomena in the World Ocean. STS is aimed at various tasks related to the study of processes in the ocean including interaction of the ocean and atmosphere, currents, internal waves, eddies, surface pollution, etc. STS provides tools for joint analysis of various satellite data (VIS, IR, SAR), as well as metocean and ship positioning data.



The key features of STS will be the possibility to work simultaneously with satellite information of different types and perform their complex analysis. This will facilitate large scale investigations in the framework of scientific and educational programs

US ge	ological	National aeronautics and space agency (NASA)	Satellite data receiving station	European Space Agency (ESA)	Statistical analysis and visualization	Objects and phenomena database	
survey (USGS	survey (USGS)						Graphical information

The Principal Features of the "See the Sea" Multi-User Information System











Classification of water types







LANDSAT-7 ETM+ and ASAR Envisat

MODIS /Aqua and ASAR Envisat)



Using RGB composition for joint visualization of multiple satellite images

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