



Marine and Polar Earth Observation and Geographic Information Development

National Marine Data and Information Service

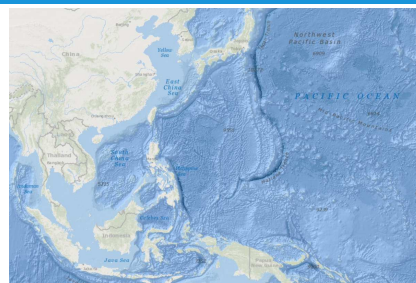
United Nations World Geospatial Information Congress
The Geospatial Way to a Better World



GIS & Marine



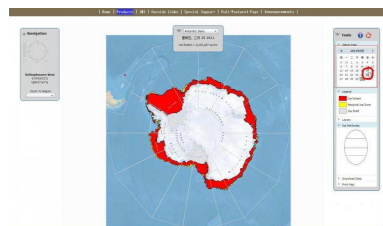
- World ocean map
- Underwater terrain simulation
- Marine resource development
- Marine functional area division
- Marine environmental management
- Coastal zone pollution detection
- Sea level rise and flood threats
- Sea ice information



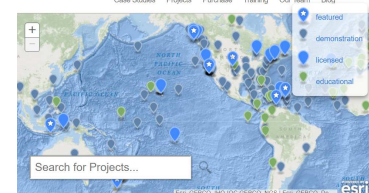
World ocean map



Sea level rise and flood threats



Sea ice information



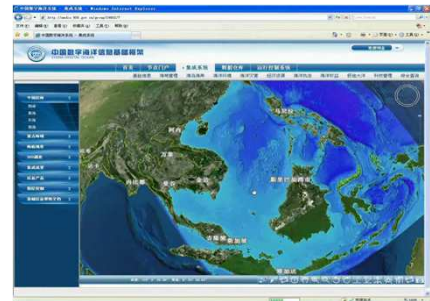
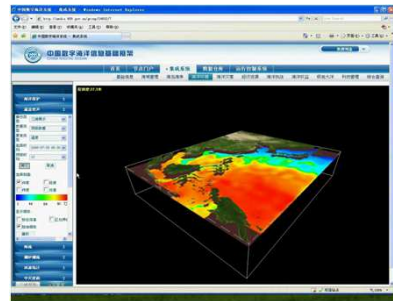
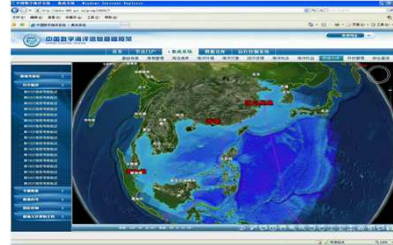
Marine planning



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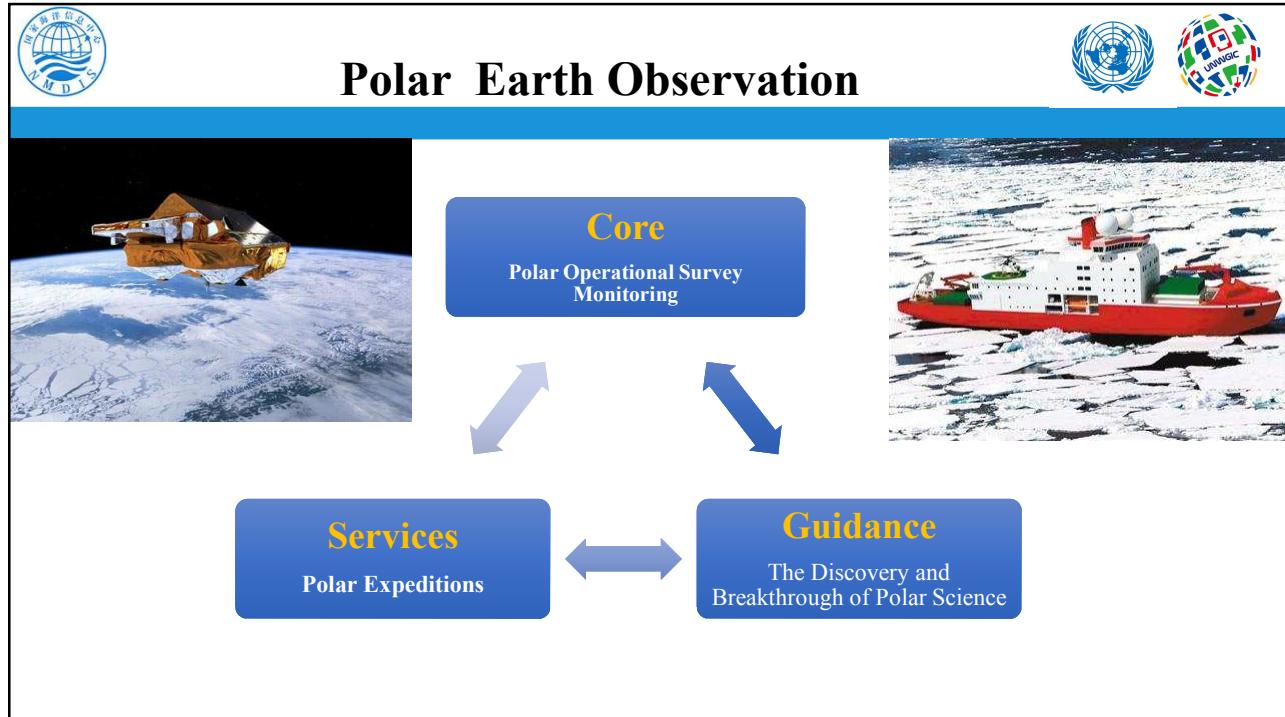


- Reproducing the past of the ocean
- Showing the status of the ocean
- Predicting the future of the ocean



Polar Earth Observation





this session will...

- **review the best practices and cases related to analyzing, managing the marine geospatial data**
- **discuss how climate change occurring in the polar regions is having a important impact on maritime navigation, exploration**
- **seek to challenges, opportunities for earth observation science and technology to make a more effective contribution to sustained development**

A 3D red figure is shown standing at a podium on the right side of the slide.



Wish the session will help you...

- **learning about the latest technology of marine geographic information**
- **involving more scientists and researchers into Polar environments and earth observation**
- **making more contributions to the marine and polar region**

