



National Snow and Ice Data Center
Supporting Cryospheric Research Since 1976



SCICEX Effort at NSIDC – An Update

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Outline

- New web site is live!
- Web page traffic
- Historical data location update
- Newest SAM data
- What we need



SCICEX Web Site Live!

More than just a jump page...

nsidc.org/scicex

The screenshot shows the SCICEX website homepage. At the top, there's a banner featuring the NSIDC logo and the text "National Snow & Ice Data Center". Below the banner, the main header includes the SCICEX logo and the text "Submarine Arctic Science Program". The header also features a navigation menu with links to "HOME", "DATA", "PROGRAMS", "RESEARCH", "NEWS", "ABOUT THE CRYOSPHERE", and "ABOUT US".

The central content area has a large image of a submarine in the ice. To the left of the main content, there's a sidebar with a "Overview" section containing links to "Data Inventory", "History/Background", "Science Advisory Committee", "Inter-Agency Committee", "Publications", "Contact Us", and "Photo Gallery".

The main content area contains two columns. The left column has a heading "Overview" followed by a detailed text about the SCIENCE ICe EXercise (SCICEX) program. The right column also has an "Overview" heading and a photograph of polar bears investigating a U.S. Navy submarine that has broken through the Arctic sea ice. A caption below the photo reads: "Polar bears investigate a U.S. Navy submarine that has just broken through the Arctic sea ice. Courtesy ASL."

On the right side of the page, there are three vertical columns of related data and resources:

- Data Inventory:** Links to "Sea Ice", "Hydrography", "Bathymetry", and "Chemistry".
- Related NSIDC Data:** Links to "Submarine Upward Looking Sonar Ice Draft Profile Data and Statistics", "Moored Upward Looking Sonar Data", and "Ice Draft and Ice Velocity Data in the Beaufort Sea, 1990-2003".
- Other Related Data:** Links to "National Geophysical Data Center (NGDC) Marine Trackline Database", "National Oceanic Data Center (NODC) Biology Data", and "International Bathymetric Chart of the Arctic Ocean (IBCAO)".

At the bottom of the page, there are logos for the National Science Foundation (NSF), Office of Naval Research (ONR), Arctic Observing Network (AON), and the U.S. Arctic Research Commission (USARC).

Who's Looking at the Data

- SCICEX views in 2011
 - ~1200 total
 - ~830 unique



Google analytics graph, 01 Jan 2011 – 31 Jan 2012

Historical Data Location Update

- NGDC put SCICEX SDRS bathymetry data into their Marine Trackline database.
- XCTD for 2000 and 2003 SAMs is in NSIDC's possession.
- T. Boyd recalls that XCTD for 2005 is too noisy for release
- M. Wensnahan believes that the 2001 and 2003 ULS were of poor quality.
- T. Whittlege has nutrient bottle data for 1998, 1999, 2000, and 2001.

SCICEX in Other Databases

- SCICEX data in these atlases:
 - SDRS bathymetric data in NGDC's marine trackline database
 - SDRS bathymetric data in NGDC's IBCAO
 - PSC Unified Sea Ice Thickness CDR
 - PSC Hydrographic Climatology (PHC)

Newest SAM Data

- T. Boyd has XCTD data along with a report. Will work to get those online in 2012.
- R. Sambrotto has nutrient bottle data but there isn't much of it.
- Is there ULS data?
- Is there Bathymetry?

What We Need from You

- Point scicex.org at NSIDC site
- Help fill in last spots in data table: CTD and Bathymetry are outstanding
- List of what experiments were done for 2011 SAM
- Documentation for new data: data description, processing steps, etc.
- Processed SCAMP data – is it possible to get this?



Thank You!



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