

GeoPRISMS Data Portal

www.marine-geo.org/portals/geoprisms/

 MARINE GEOSCIENCE DATA SYSTEM Search for Data



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GeoPRISMS Data Portal

Portal Links

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Continental margins are the Earth's principal loci for producing hydrocarbon and metal resources, for earthquake, landslide, volcanic and climatic hazards, and for the greatest population density. Despite the societal and economic importance of margins, many of the mechanical, fluid, chemical and biological processes that shape them are poorly understood. The [GeoPRISMS](#) Program, supported by the [National Science Foundation](#) and built upon the NSF [MARGINS](#) program, focuses upon the coordinated, interdisciplinary investigation of the continental margins through two initiatives: the [Subduction Cycles and Deformation \(SCD\)](#) and [Rift Initiation and Evolution \(RIE\)](#). In order to address the fundamental scientific questions, each initiative is associated with Primary Sites to address a wide range of field, experimental and theoretical studies spanning broad spatial and temporal scales.

This page provides access to program information and data collected through the [GeoPRISMS](#) program. Use the map client to view the locations of GeoPRISMS data. To access data, use the [List Data by Site](#) links, [search tools](#), or [GeoMapApp](#). The MARGINS data portal is available [here](#).

Members of the GeoPRISMS community may find the following links helpful:

- [GeoPRISMS Data Policy](#)
- [Data Management Plan tool](#) - Create a plan to submit with your GeoPRISMS proposal.
- [Data Compliance Reporting tool](#) - Beta version released October 2011.

List Data by Site

Select a Site...

- Select a Site...
- Alaska
- Cascadia**
- New Zealand
- East African Rift System
- Eastern North American margin

Data Management Plan tool

www.iedadata.org/compliance

Data Management Plan Tool

Use this form to generate a data management plan PDF for inclusion in your NSF proposals. Please note that data management plans are limited to two pages in length. For more information about NSF's Data Management Plan requirements, see the [NSF Data Management & Sharing FAQ](#). A list of [suggested repositories](#) is provided for your convenience, but additional repositories can be identified using the "Other" option.

(*) indicates a required field)

Proposal Information

Lead PI*:

Lead Institution*:

Project Title*:

Collaborators*:

NSF Division submitted to*:

NSF Program Info*:

Proposal Submission Deadline*:

Data Acquisition/Processing Summary

Overview*:

Data Description*:

Includes field work? ☐ Yes ☒ No

Description of existing data/samples to be used*:

- Fill in the fields
- Print as PDF
- Attach to proposal

Data Compliance reporting tool:

- Driven by award #
- Creates inventory of contributed data
- Generates URL

Web-based search for data

MGDS GeoPRISMS Data Search

Select Fields to Search For:

☐ All Programs
☐ GeoPRISMS Funded Programs Only
☒ All GeoPRISMS Funded or Related Programs

Platform Name ?

AND

Data Type ?

AND

Participant ?

[Help](#)

Search parameter examples:

- Data and Device type
- Citation
- Award number
- Location
- Investigator
- Date range

GeoPRISMS Bibliography

Author

Title

Journal

Year

Funding Source

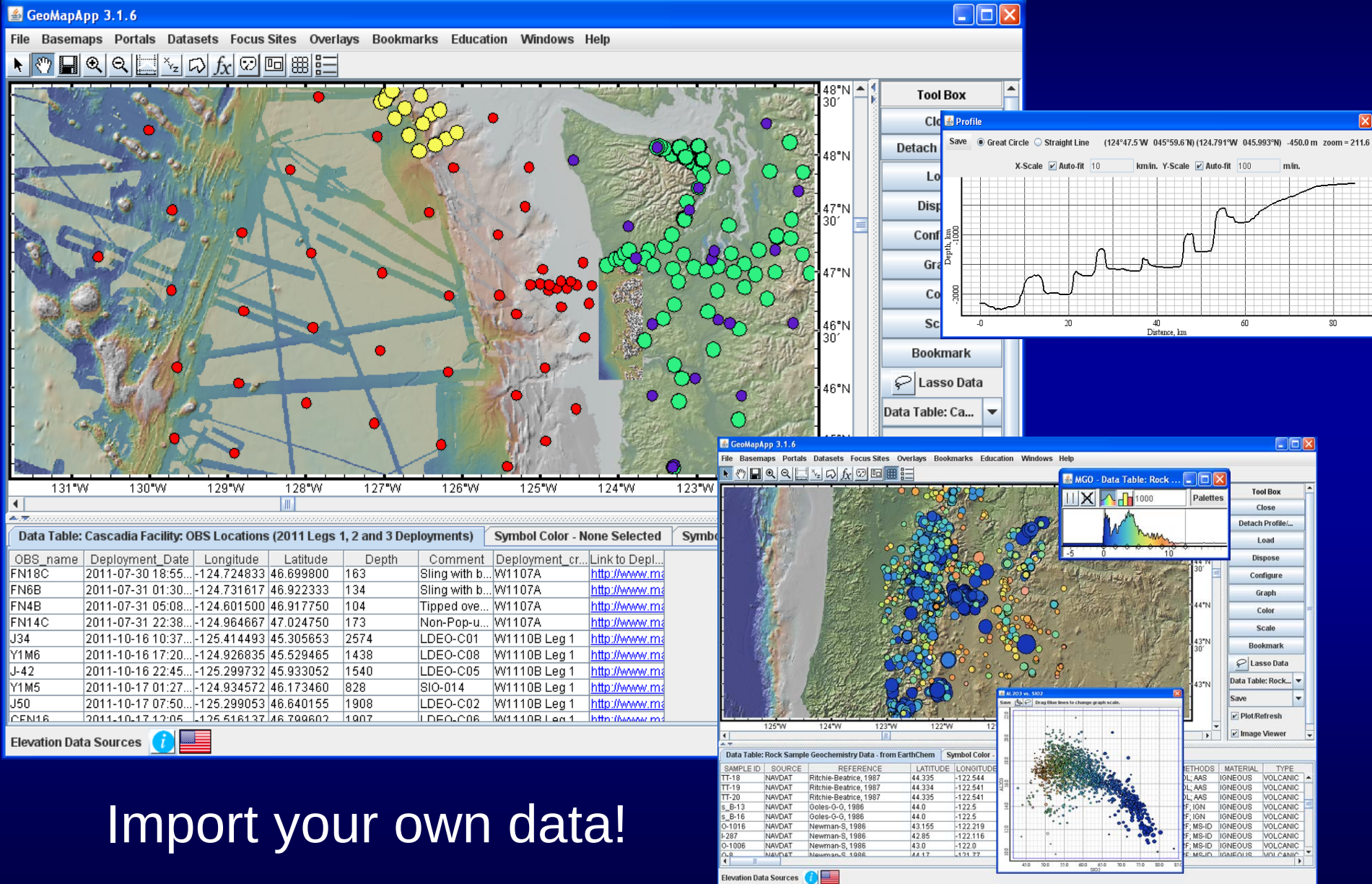
References by Focus Site: [All](#) [Alaska-Aleutians](#) [Cascadia](#) [New Zealand](#) [East African Rift System](#) [Eastern North American Margin](#)

[Export Results to Endnote](#) (Total Number of Citations: 64)

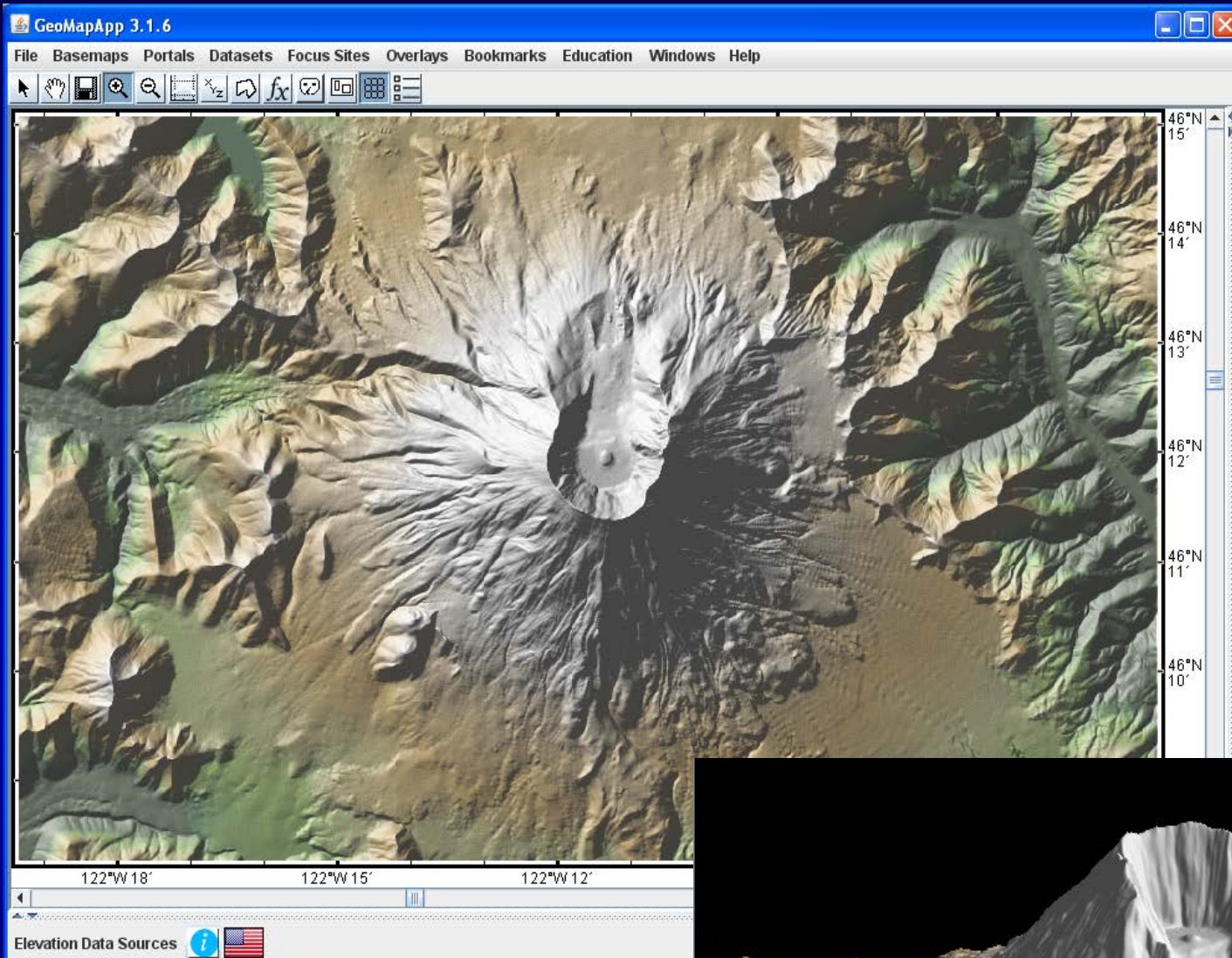
<u>Authors</u>	<u>Year</u>	<u>Title</u>	<u>Journal</u>	<u>Data Sets</u>	<u>Expedition/Compilation</u>
Nedimovic, M.R., R.D. Hyndman, K. Ramachandran and G.D. Spence	2003	Reflection signature of seismic and aseismic slip on the northern Cascadia subduction interface	Nature	View Data	Cascadia:SHIPS
Parsons, T., A.M. Trehu, J.H. Luetgert, K. Miller, F. Kilbride, R.E. Wells, M.A. Fisher, E. Flueh, U.S. Ten Brink and N.I. Christensen	1998	A new view into the Cascadia subduction zone and volcanic arc: Implications for earthquake hazards along the Washington margin	Geology	View Data	SO-108
Peacock, S.M., N.I. Christensen, M.G. Bostock and P. Audet	2011	High pore pressures and porosity at 35 km depth in the Cascadia subduction zone	Geology	View Data	Cascadia:LITHOPROBE-FGP
Preston, L.A., K.C. Creager, R.S. Crosson, T.M. Brocher and A.M. Trehu	2003	Intraslab earthquakes: Dehydration of the Cascadia slab	Science	View Data	Cascadia:SHIPS
Ramachandran, K., R.D. Hyndman and T.M. Brocher	2006	Regional P wave velocity structure of the Northern Cascadia Subduction Zone	J. Geophys. Res.	View Data	Cascadia:SHIPS

GeoMapApp

geomapapp.org



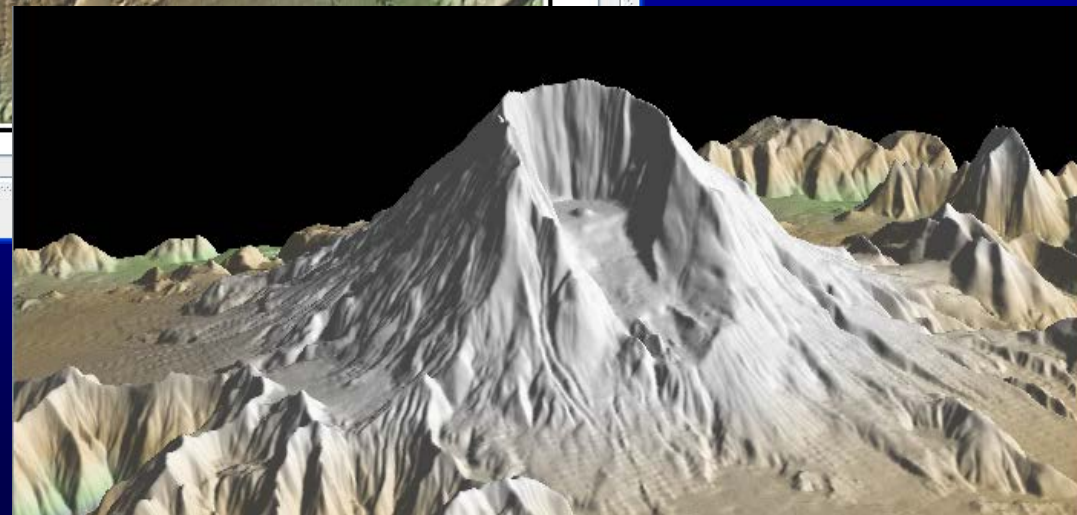
Import your own data!



Hands-on
workshop:

Tonight

Room TBA



Mt. St. Helens,
10m USGS NED
elevation model