IRIS Active Earth Display Cascadia and Basin and Range Content Modules

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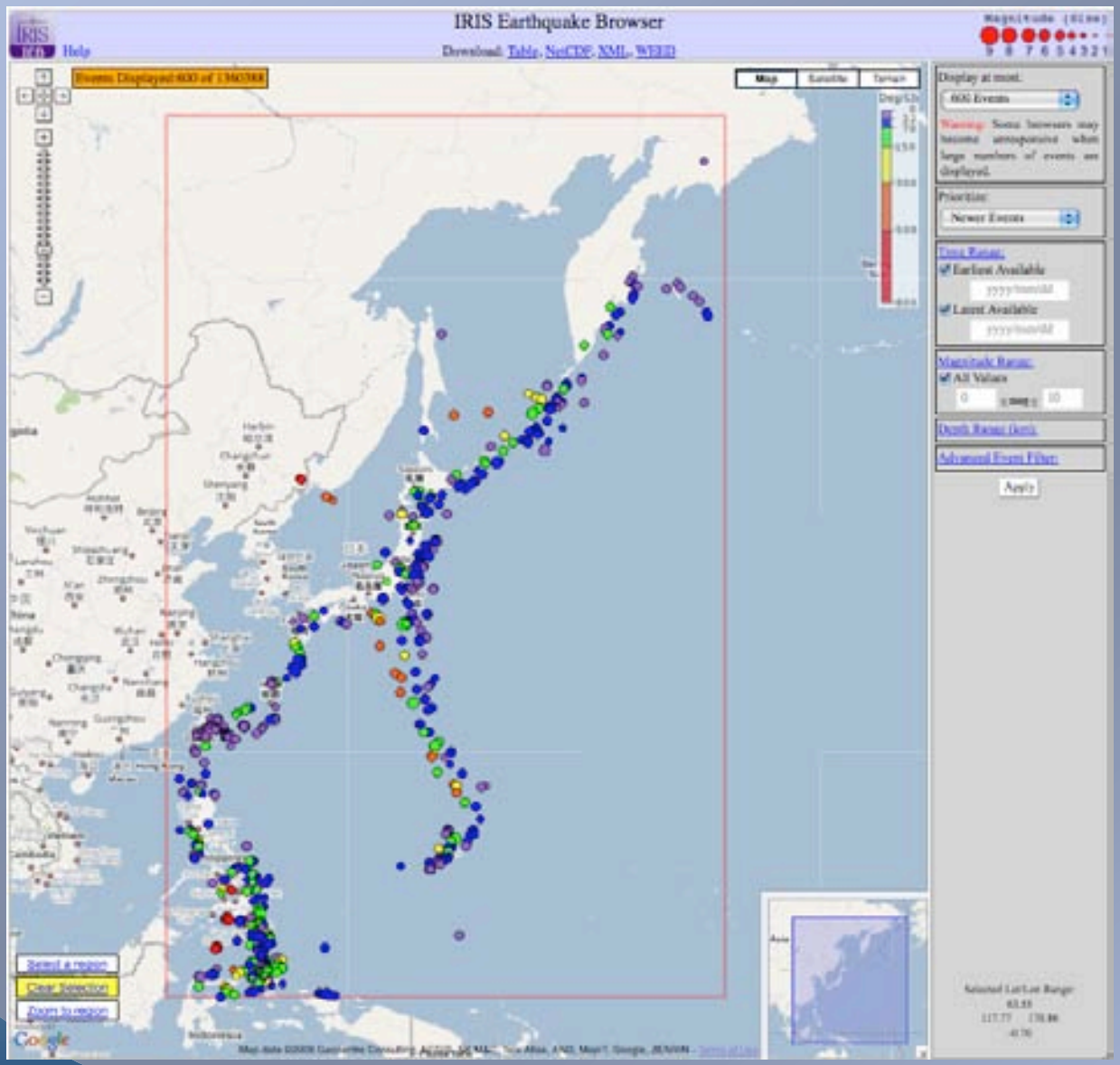
IRIS Earthquake Browser



Explore regional Seismicity

Discover Plate Boundaries

Examine earthquake databases

www.iris.edu/ieb

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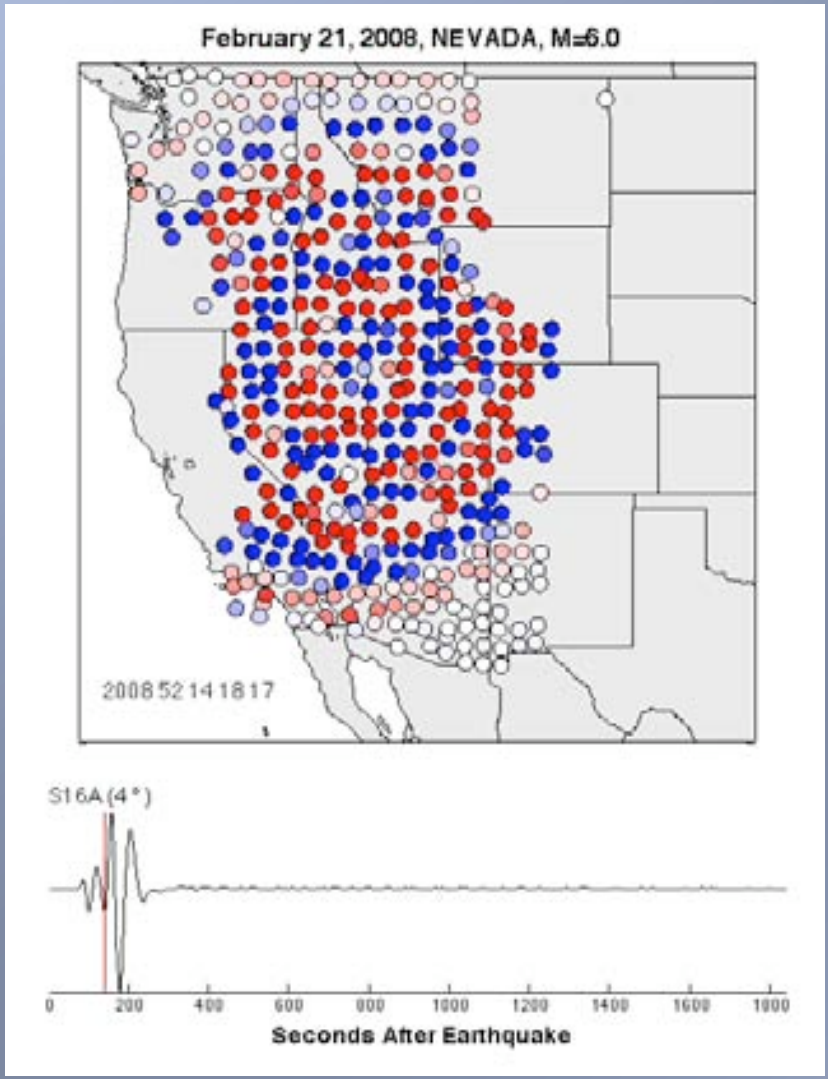
USArray Earthquake Wave Visualizations



Watch actual earthquake waves move across the USArray.

New animations available Within hours of every large Earthquake occurrence.

http://www.iris.edu/hq/programs/education_and_outreach/visualizations

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The Active Earth Display is:

An interactive, customizable, real-time earth science display and educational tool for National Parks, Museums, University Lobbies, Libraries, Schools, Planetariums, Aquariums, …

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Iris Active Earth Displays

- Inspire public interest in the science of seismology and related fields
- Demonstrate that we live on an active planet
- Highlight active research and geophysics data
- Written for general museum audience
- Easily customizable
- Automatically updated
- Over 75 accounts with over 50,000 annual users

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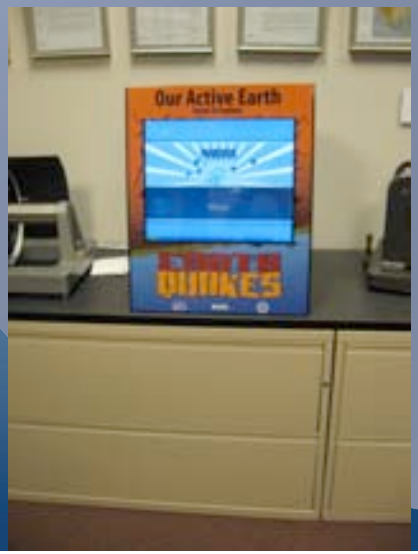
The Active Earth Display is:

Free:

- Operating System software
- IRIS developed content
  - -70 pages and growing
- Content from users network
- Free account through IRIS website
- Online forum

You Provide:

- Windows or Mac computer
- Internet connection
- 1280 x 1024 touch screen monitor



Optional:

- One screen table top kiosk
- One screen floor kiosk
- Two screen floor kiosk

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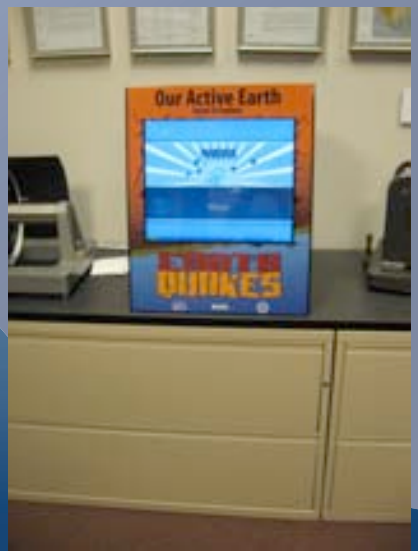
The Active Earth Display is:

Easily Customized:

Choose content pages
Add links to your web pages
Create new content pages

Interactive or non-interactive:



Touch screen monitor
Monitor and mouse/trackball
Monitor behind glass no mouse
-auto advance

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Where can you find Iris Museum Displays?

American Museum of Natural History, New York City
Smithsonian Museum of Natural History, Washington, DC
Franklin Institute, Philadelphia, PA
Birch Aquarium, Scripps Institution of Oceanography, La Jolla, CA
Carnegie Museum of Natural History, Pittsburgh, PA
New Mexico Museum of Natural History, Albuquerque, NM
Maryland Science Center, Baltimore, MD
Sunset Crater National Monument, Flagstaff, AZ
National Science Foundation Headquarters, Washington, DC
Congressman and Senators offices, Capital Hill, Wash, DC
State Geologists Visitor Centers in current USArray states
Amundsen-Scott Station, The South Pole, Antarctica
Your National Park, planetarium, museum, visitor center, library, school

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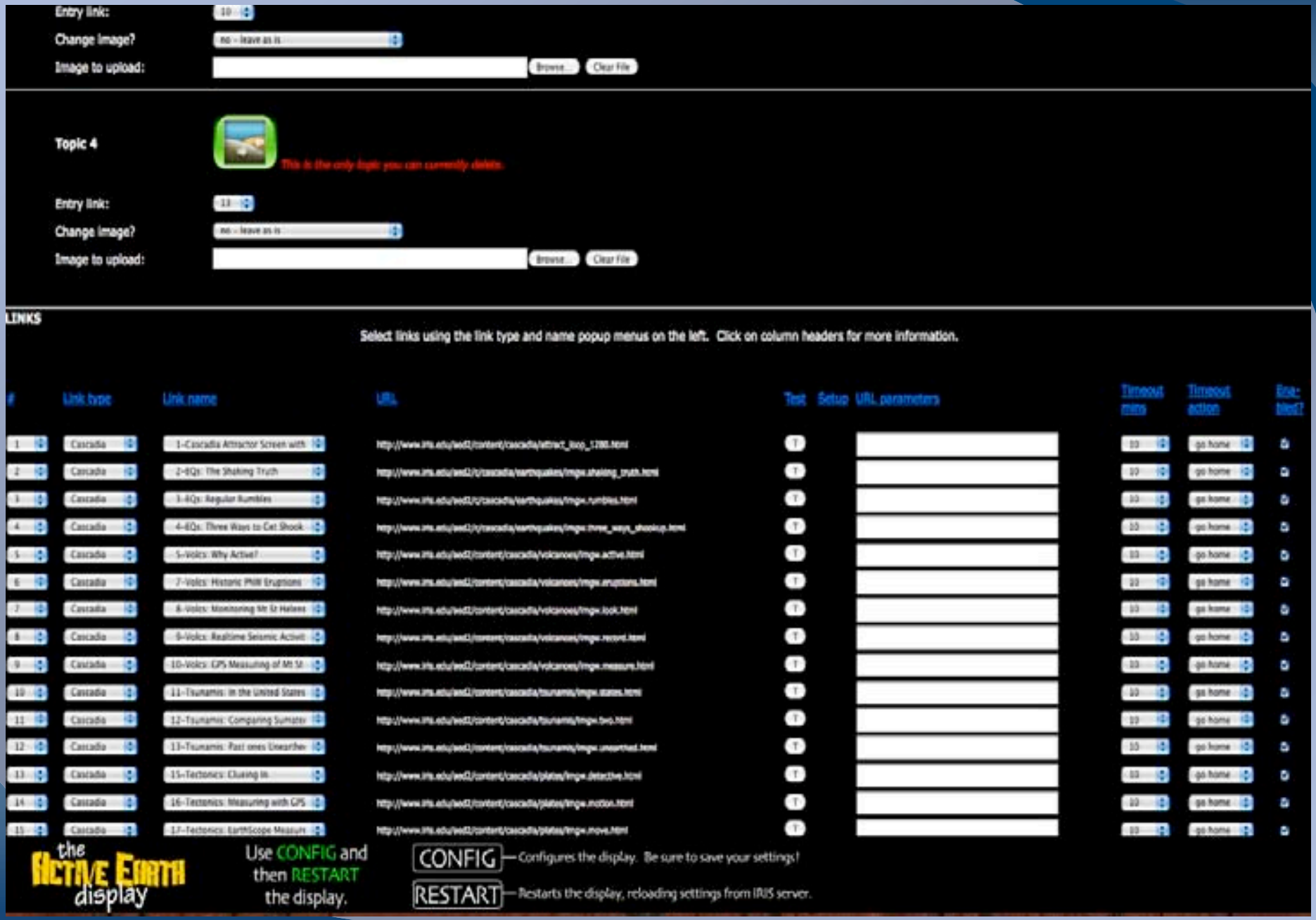
Active Earth Software



Cascadia Module

4 Chapters

16 pages

Live data

Animations

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Cascadia Module

Chapters highlight live data

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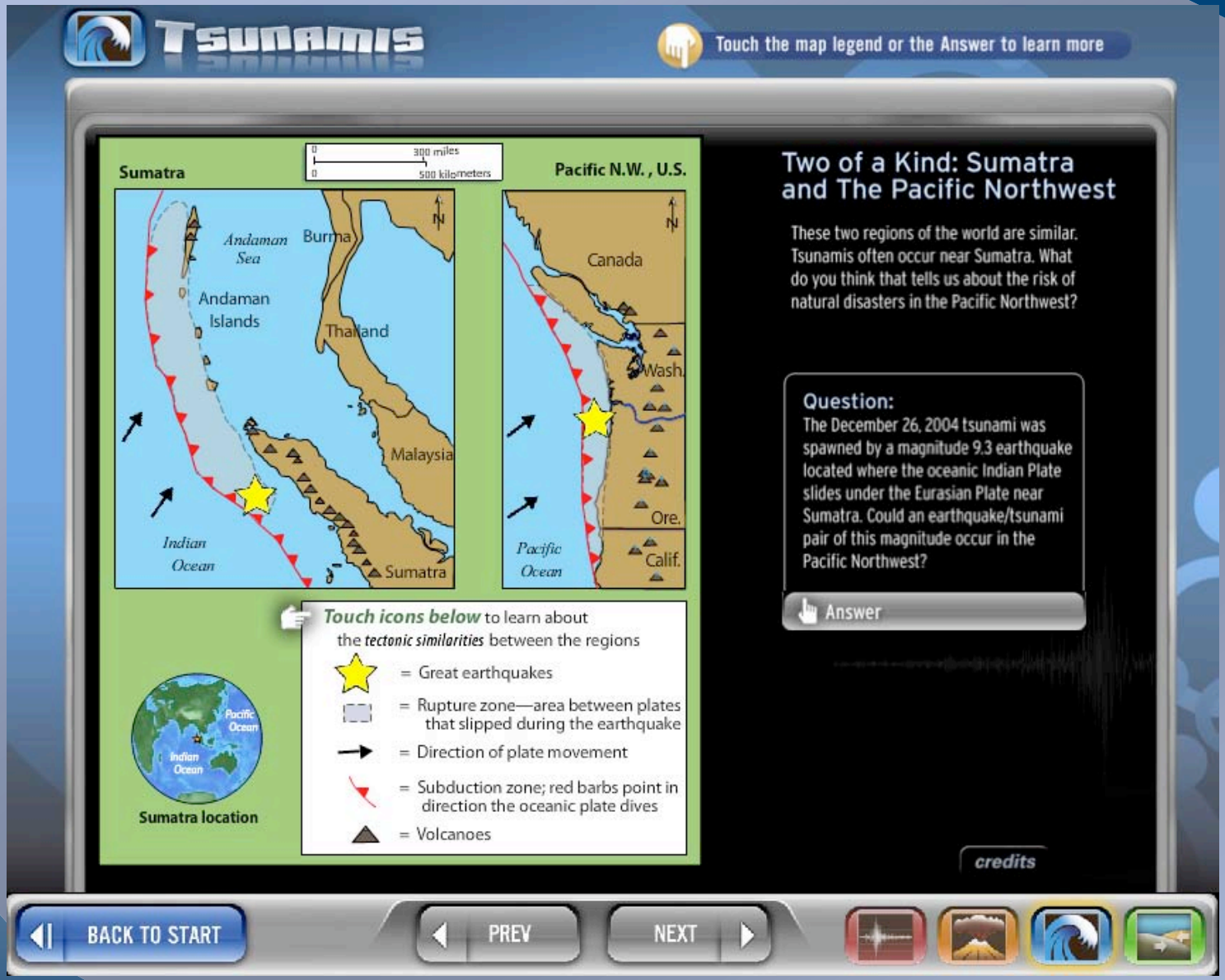
Cascadia Module



Global to regional comparisons

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Basin and Range Module

4 Chapters

16 pages

Live data

Animations

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Basin and Range Module

Chapters start with General Overview

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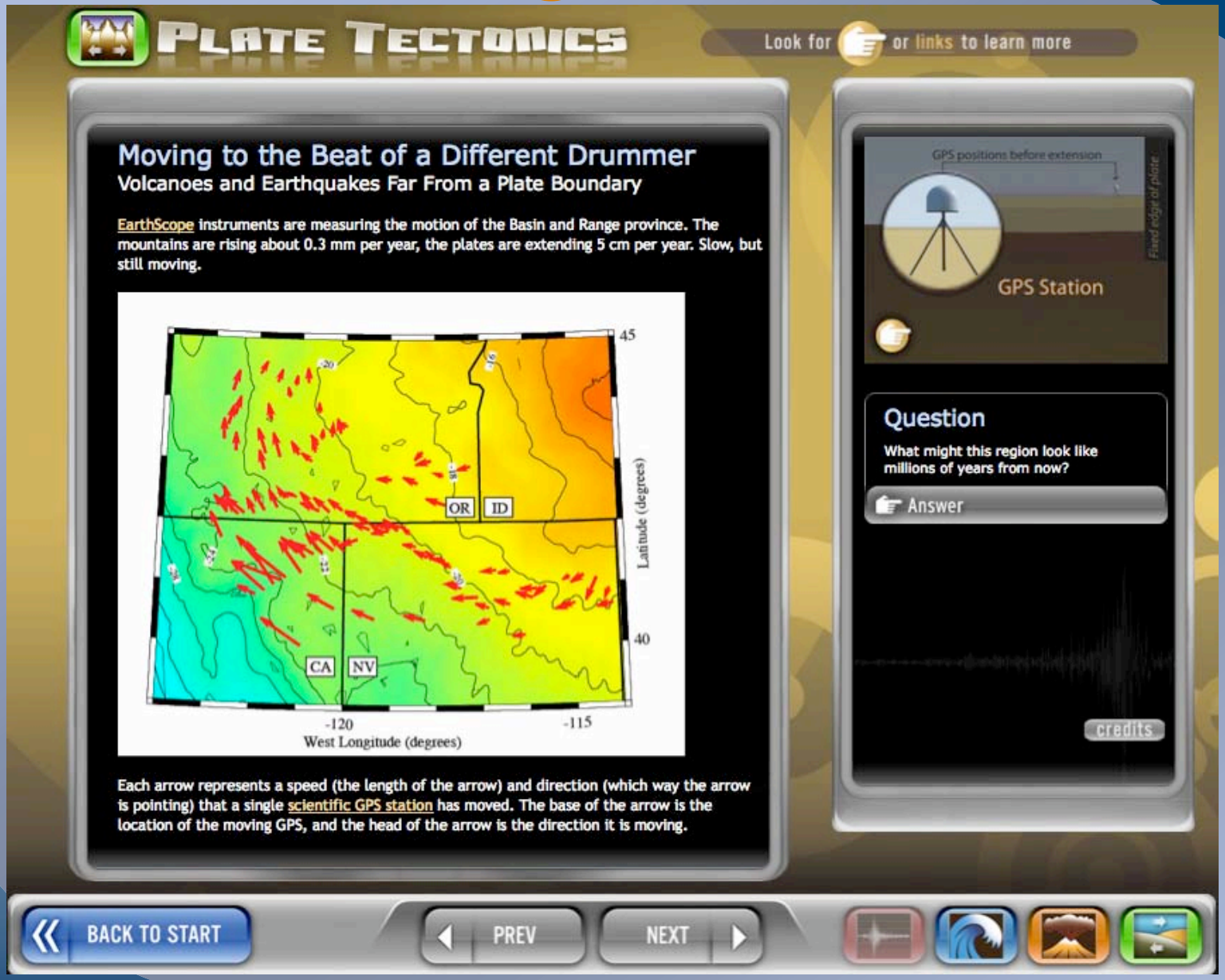
Basin and Range Module



Chapters continue to specific details

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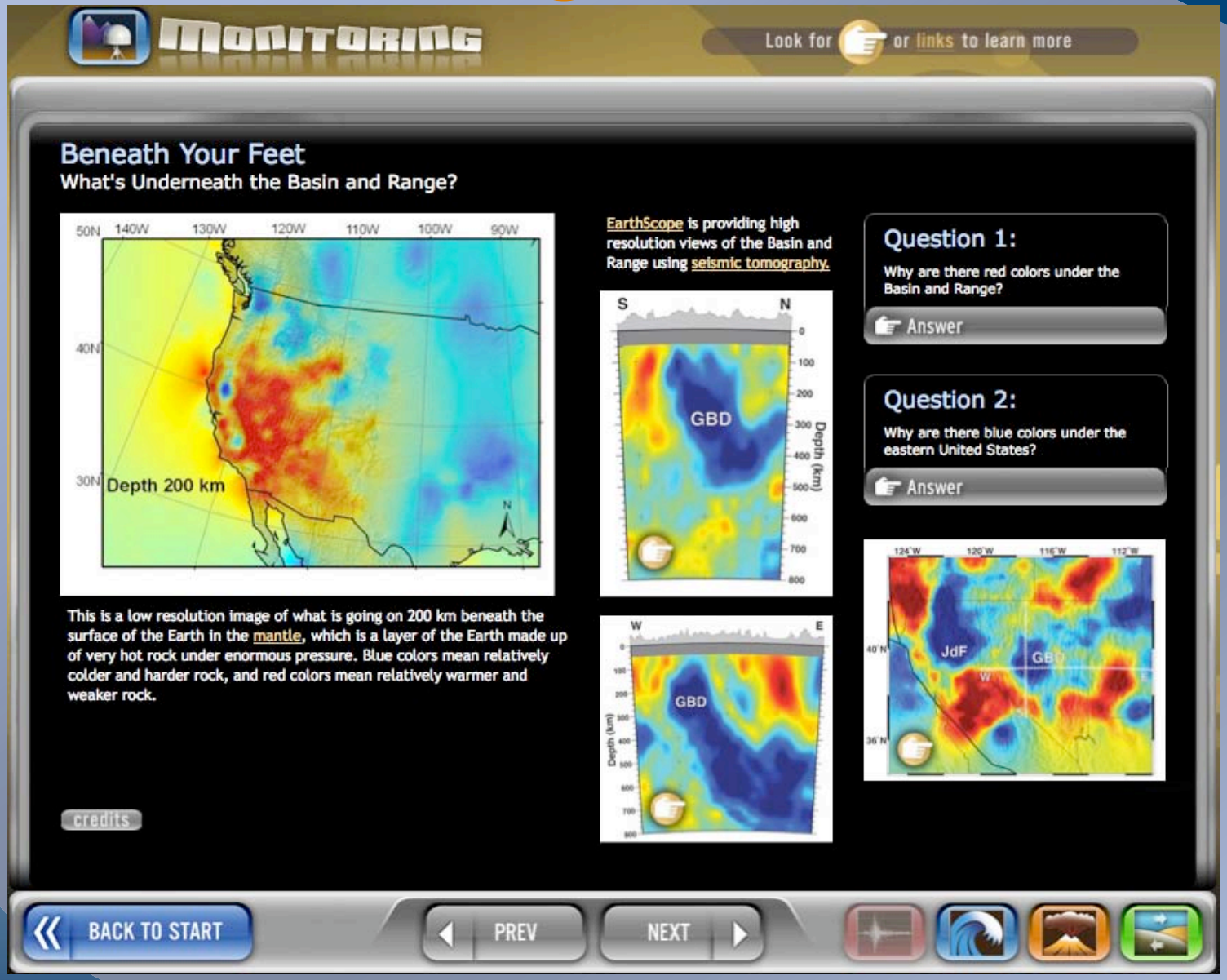
Basin and Range Module



Updatable with latest research results!

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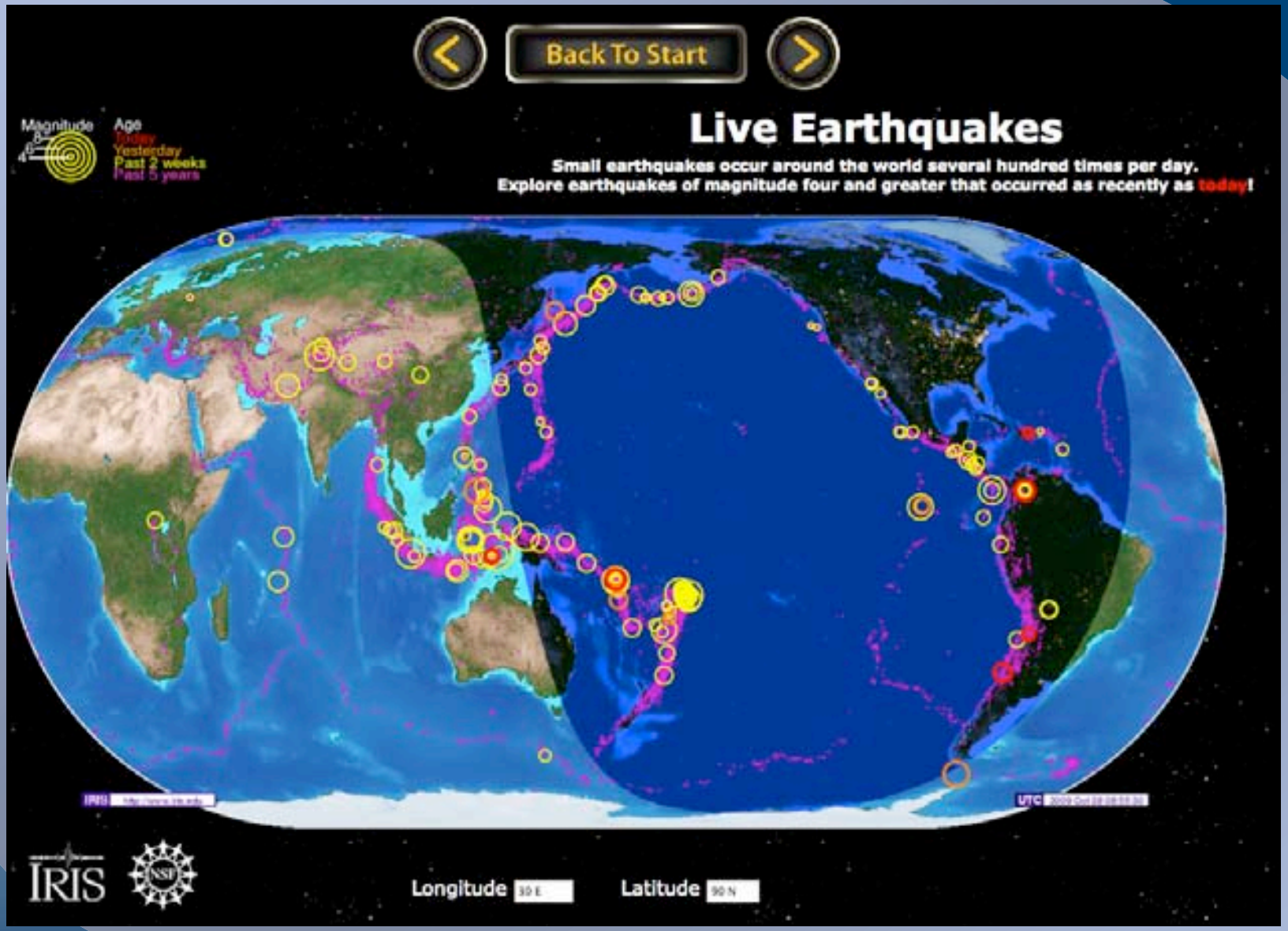
General Seismology Pages



Updatable with latest live data!

Active Earth Display Content Sets:

General Seismology	Available
Africa Array	Available
Cascadia	Available
Basin & Range Province	December 2009
EarthScope/USArray	January 2010
San Andreas	Spring 2010
PoleNet	Spring 2010
Colorado Plateau	Summer 2010
YellowStone	Fall 2010
New Madrid	Spring 2011
Rapid Response EQ Page	December 2009
Your Content	Tomorrow

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