EarthScope's Broader Impacts: Science, Schools, and Society

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EarthScope National Office
Enabling Science

How can the ESNO help catalyze community-driven activities?

- Workshop coordination – bringing diverse communities together
- Connections/communication between projects
- Data gathering/synthesis
- Coordination of EarthScope Institutes
TA-Enabled Seismicity Study

Lockridge et al., 2011

- April 2006-November 2008
- 92 stations
- 16 swarms/clusters

- USGS: ~10 eqs
- Regional nets: ~50 eqs
- ANF: ~250 eqs
- This study: ~600 new eqs
• Bringing science and research into the classroom
  • Science is dynamic: how is research done?
  • Using EarthScope data in class projects
• EarthScope and GeoPRISMS science: Rewriting textbooks
• Summer internships
EarthScope Speakers

Jim Evans: Montana State University, Idaho State University

Bridget Smith-Konter: East Los Angeles College, Stony Brook University

Lucy Flesch: Central Washington University, University of Arizona

Terry Plank: University of Alabama

Bill Ellsworth: TBD
Social Media and the Geoblogosphere

- New media studio being built at ASU
- Videos for social media
- EarthScope “stories”
- EarthScope scientists in action
Enhance EarthScope’s media footprint:

- Connect with Facebook, Twitter, YouTube, Wikipedia and others – interactivity with public and scientific community
- Link to the “geoblogosphere” through prominent blogs
- Establish an RSS Feed for news and current events
- Infuse website with more multimedia – podcast and vodcasts (iTunes, YouTube channels, ES website)
- Capture ES scientists/students in action – GSA, AGU, field