

## 2017 GeoPRISMS-Sponsored AGU Mini-Workshops

8:30-1:00: ENAM science advances: Progress and outlook  
(*Lynner, Eilon*)

1:30-5:30: Early-Career Scientists/Faculty: Introduction to  
GeoPRISMS/MARGINS Data Resources, Mini-Lessons  
(*Goodwillie, Morgan*)

6:00-9:00: Amphibious community experiments in Alaska  
and related opportunities (*Worthington, Webb, Schwartz,  
Roland, Adams, Abers*)

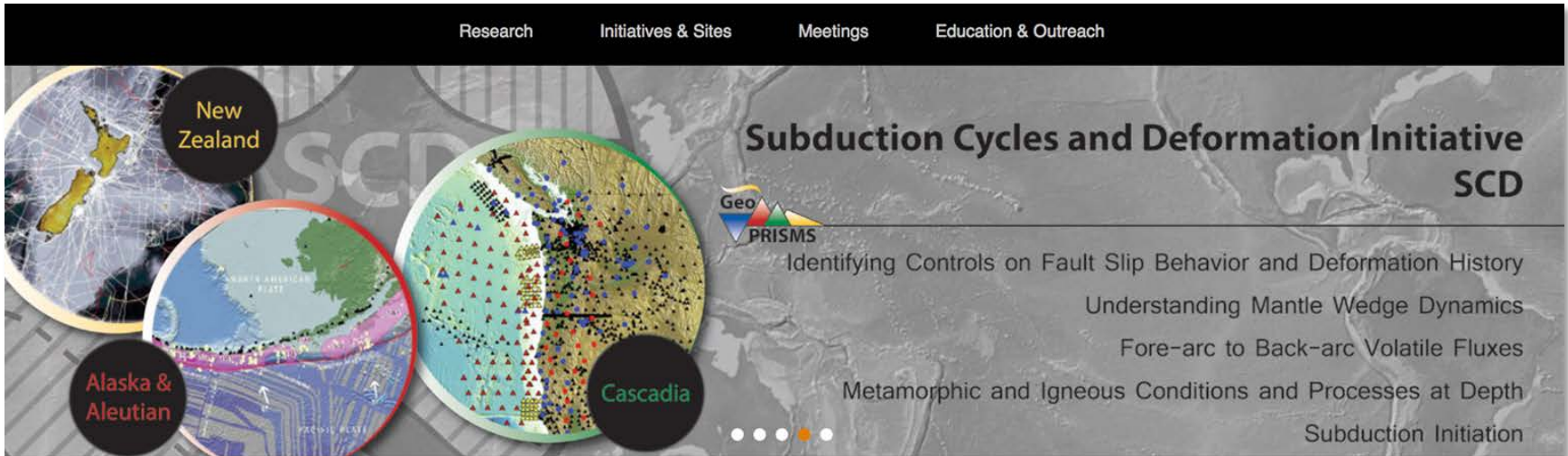
# GeoPRISMS:

- Is a community-driven science program aimed at understanding active processes along continental margins, through integrative approaches that span the shoreline (“amphibious”).
- Cross-divisional NSF-funded program
- Integration of field, theory, experiment, and modeling
- Addresses first-order questions about Earth’s most active tectonic, mass transfer, and sedimentary systems - relevant to major geohazards that affect population centers (e.g, earthquakes, volcanic eruptions, tsunamis, and landslides).
- A vibrant research community and an intellectual incubator for collaborative research.


# GeoPRISMS

- Composed of two broad and interlinked initiatives: SCD & RIE, focused effort at 5 primary sites and in thematic studies

[Research](#)   [Initiatives & Sites](#)   [Meetings](#)   [Education & Outreach](#)



## Subduction Cycles and Deformation Initiative SCD


 Identifying Controls on Fault Slip Behavior and Deformation History  
 Understanding Mantle Wedge Dynamics  
 Fore-arc to Back-arc Volatile Fluxes  
 Metamorphic and Igneous Conditions and Processes at Depth  
 Subduction Initiation

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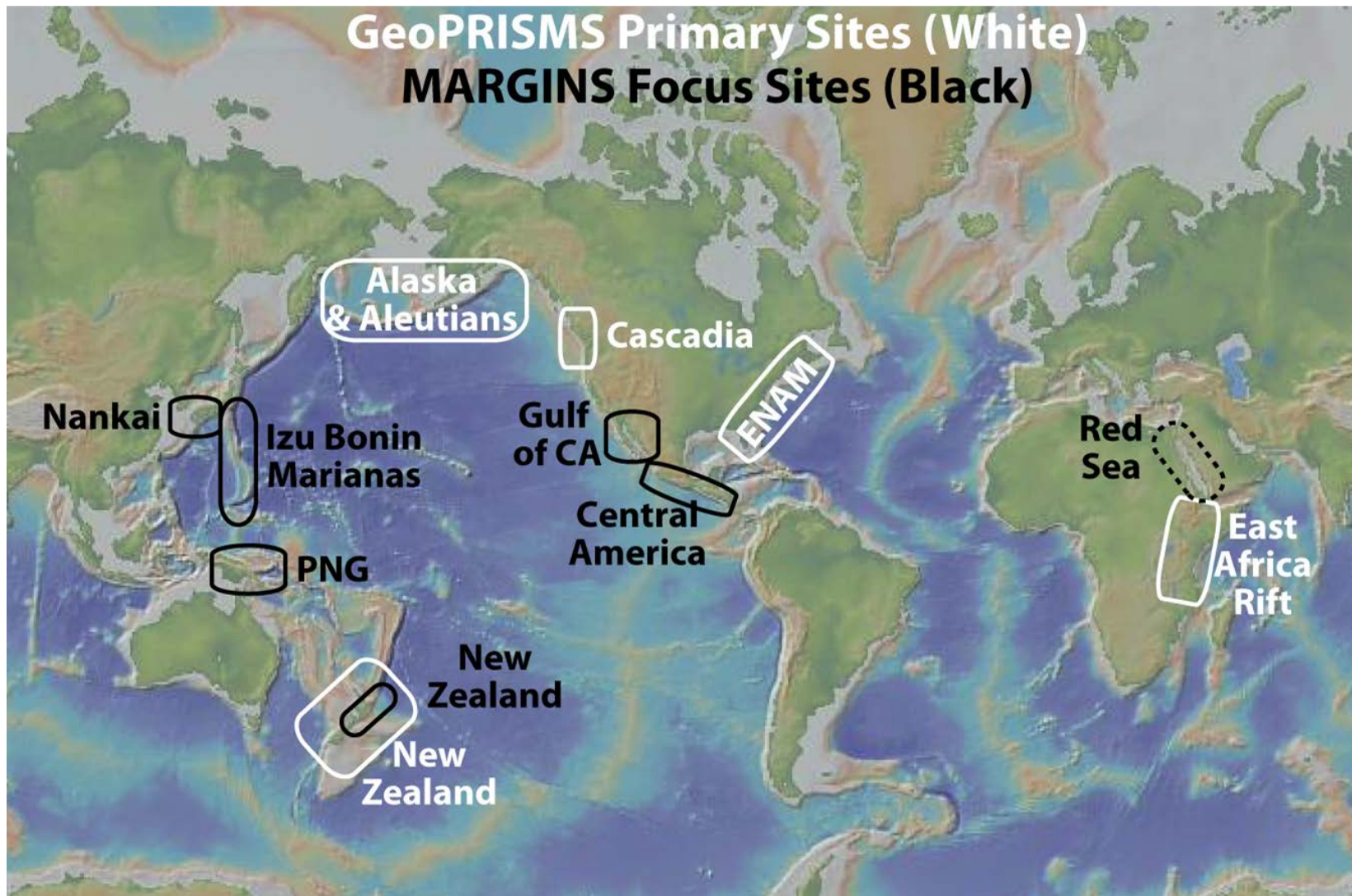
## Rift Initiation and Evolution RIE


 Rift Obliquity  
 Rift Processes as Functions of Strain Rate  
 Volatiles in Rift Zone Processes  
 Sediment Production, Routing, and Transport during and after Rifting  
 Discrete Events at Rifted Margins

East African Rift System (EARS)  
 Eastern North American Margin (ENAM)

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# GeoPRISMS Office & Steering Committee:

- Office & Steering Committee provide a link between community and NSF; *is independent of funding decisions.*
- Supports and coordinates community efforts:
  - Workshops, Theoretical & Experimental Institutes; Mini-WSat AGU
  - Coordination with Domestic and International Partner Organizations
  - Early career & student symposia
- Research communication, dissemination, outreach...
  - Newsletter, Website, Facilitation of Community Experiments
  - Distinguished lecture program
  - Student Presentation Awards
- Data archiving and access

# Opportunities to get involved:



- *Participate* in Planning Workshops, TEs, and Early Career/Student Symposia
- *Contribute* GeoPRISMS-related science (ongoing projects, results) to the newsletter or website
- *Propose* mini-workshops at AGU (or at other major meetings)
- *Convene* sessions or special volumes focused on MARGINS or GeoPRISMS science
- *Participate* in a community experiment
- *Apply* and *host* a distinguished lecturer
- *Use* GeoPRISMS lessons, data in the classroom
- *Participate* as a student presentation judge