

GeoPRISMS Synthesis & Integration TEI

San Antonio, February 26-March 1, 2019

Breakout Instructions:

Participants self-select one of the following topics:

Origin and evolution of plate boundaries

Linking geophysical imaging to active composition/state/properties

Fluids/metamorphism/rheology

Fluid and volatile migration

Fluxes, physics, and finding serpentinite

Feedbacks between tectonic deformation and magmatism

Exhumed records of plate margins at depth

The pace and mechanisms of magma supply

From slow slip to mega-earthquakes

Coupling geodynamics and surface processes

Geohazards on passive-aggressive margins

Charge for the breakout session:

- Each group craft ONE slide (with a figure) that would be used to motivate synthesis on the topic. What is the state of the science? Where does it need to go?
- **Self-organize and pick an early-career participant to lead the effort.**
- Single-slides presented to the full group starting at ~1:40. Presentation will be 2 minutes, with time for follow-up discussion.

