

# Rheology is central for understanding earthquake processes and related connected hazards

It is timely to increase the utilization of the CRM

This workshop fills a critical gap for dynamic rupture modelers!

Advances in SEAS will allow for inclusion of off-fault inelastic behavior including

Ductile deformation at depth

Low temperature plasticity/quasi-brittle damage in the shallow crust

Characterization of rock rheology in the seismogenic zone (plasticity and damage)

Unifying friction and inelastic deformation?

Localization and delocalization

Effective response (Homogenization)

Standardization of terminology and definition (viscous vs plastic, shear zone vs damage zone vs PSP)

Documentation, formatting, and visualization of CRM as part of a unified effort for CEMs