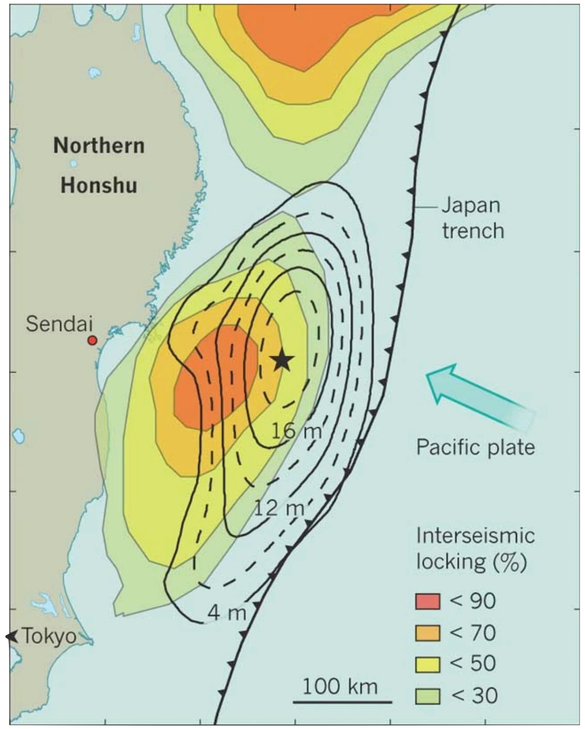
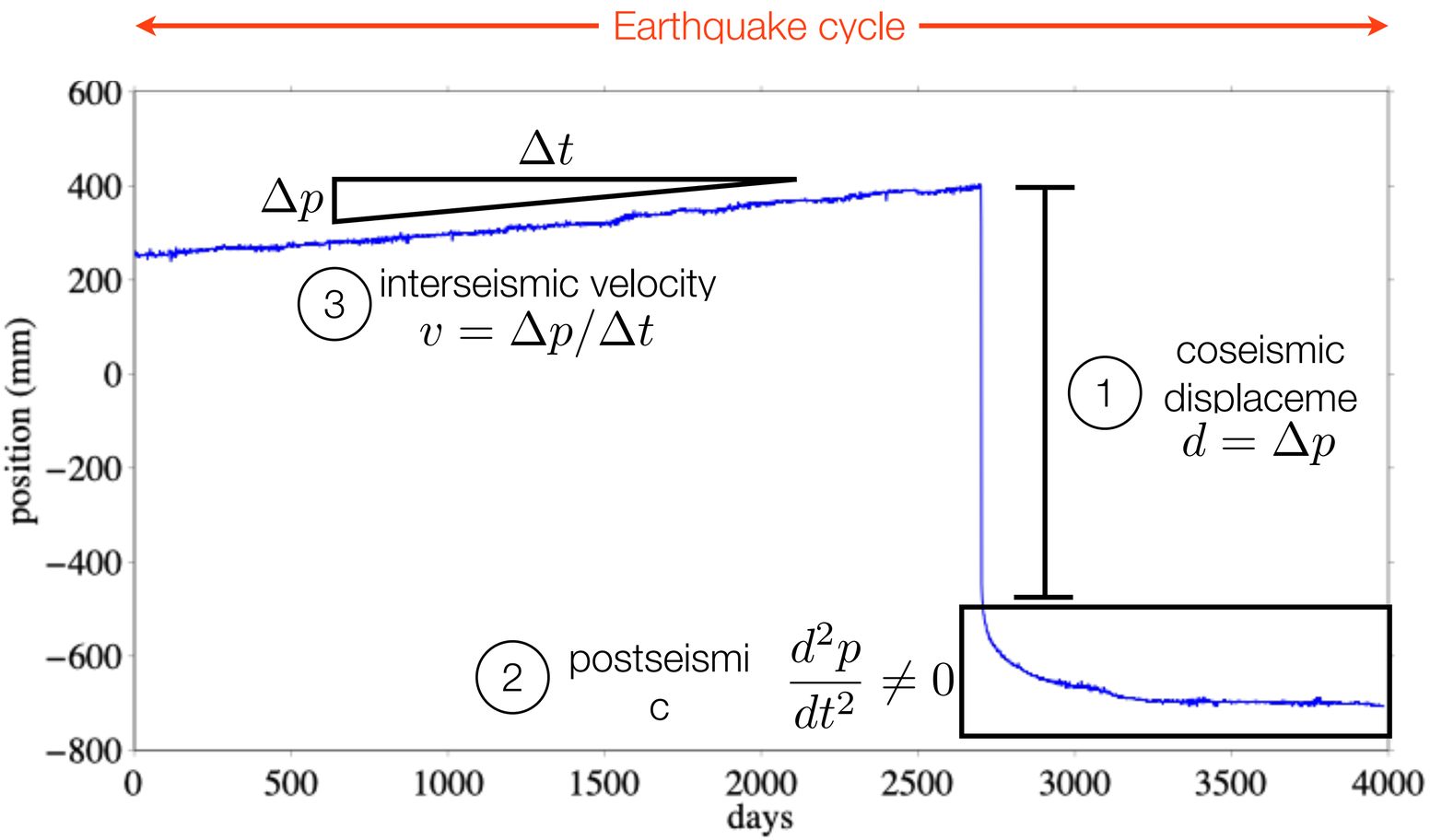
Imaging Global Fault System Activity

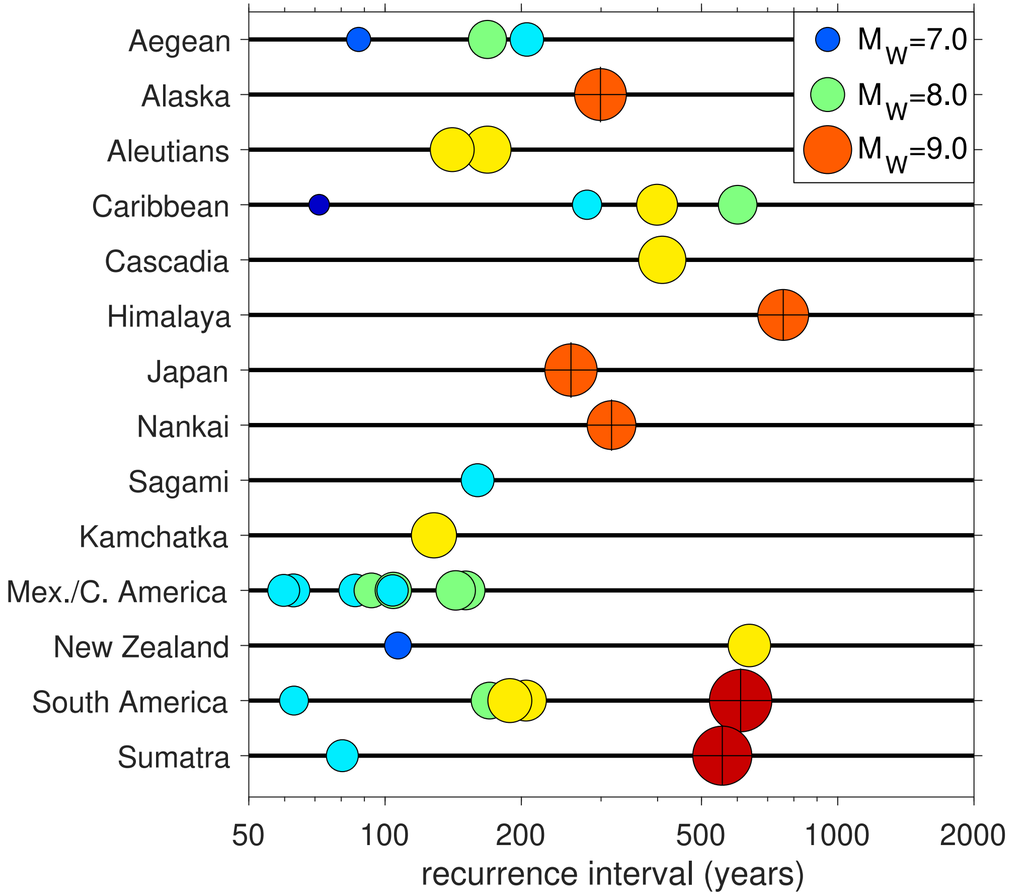




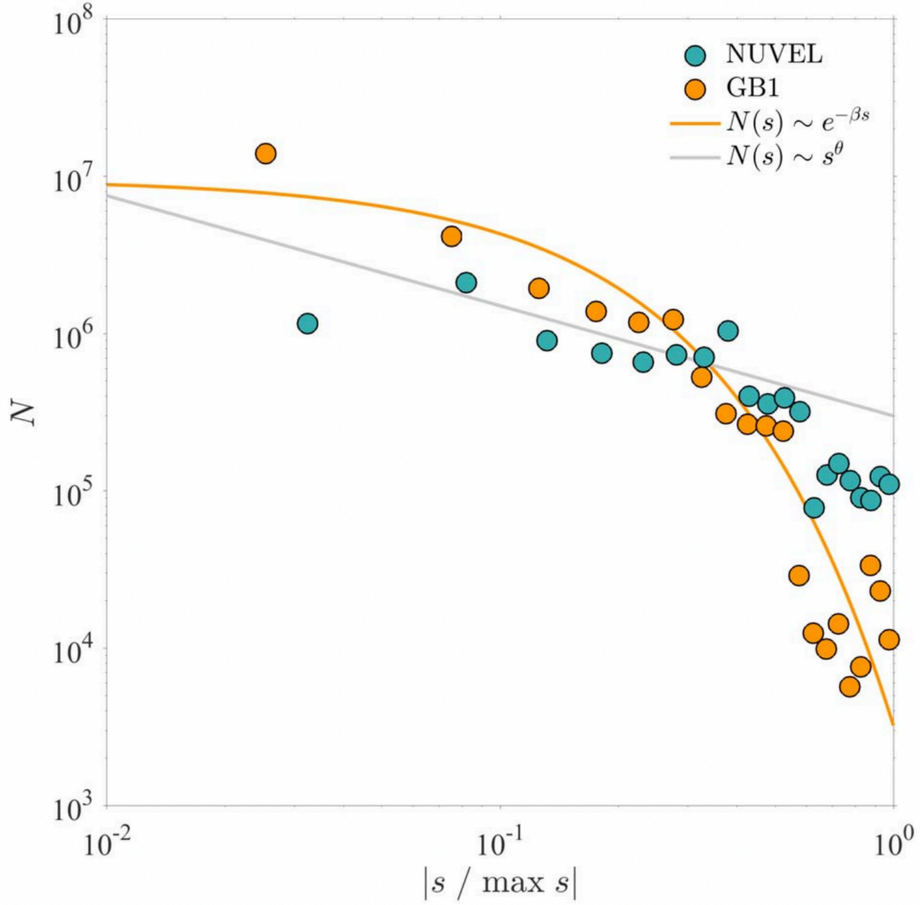
Brendan Meade, Harvard University (meade@fas.harvard.edu)
Shannon Graham, The College of New Jersey
Jack Loveless, Smith College

Learning from global block models

How many large earthquakes could there be?



How much active fault system matters?



Where we're headed and learning more

- Imaging global fault system kinematic activity is central to determining the current state from which earthquake cycle activity will evolve

- Goal: Image partial coupling across much more of the global fault system in space and in time

- Papers
- Results
- Code