

**TO Brownbag Tue 10/4/11**

**Lessons and challenges in the aftermath of the Tohoku-Oki earthquake  
Rob Graves, Junle Jiang, Lingsen Meng and Shenji Wei**

Join us for a special discussion on the lessons and challenges at the aftermath of the Tohoku-Oki Earthquake. Our speakers will present us some preliminary results of the modeling of geodetic and seismological data.

Geophysical observations before, during and after the earthquake continue to challenge some of our ideas of how the earthquake cycle operates across the Japan trench and we will continue discussing the implications of the new modeling results as the story unravels.

Jean-Philippe Avouac will resume the conversation the following week (Tue 10/11/11) to present his views of the matter.

Some recent articles on the subject:

Mark Simons et al., "The 2011 Magnitude 9.0 Tohoku-Oki Earthquake: Mosaicking the Megathrust from Seconds to Centuries"  
(<http://dx.doi.org/10.1126/science.1206731>)

Jean-Philippe Avouac, "Earthquakes: The lessons of Tohoku-Oki"  
(<http://dx.doi.org/10.1038/nature10265>)