

Summary of Prototype EFP Experiments

- **OEF in New Zealand**
 - GNS Science, David Rhoades & Matt Gerstenberger
 - Earthquake rates/probability forecasts
 - Retrospective and prospective testing already within CSEP
- **OEF in Italy**
 - INGV Rome, Warner Marzocchi
 - Earthquake rates/probabilities
 - Ensemble models based on models already within CSEP
- **Forecasting in Japan**
 - ERI, U. Tokyo, Hirata-sensei and Ogata-sensei
 - Earthquake rates/probabilities

Summary of Prototype EFP Experiments

- **OEF in California**
 - USGS, Ned Field & Andy Michael: UCERF3 spatio-temporal
 - Earthquake rate/probability forecasts (possibly existing rate-based forecasts)
 - California (existing CSEP testing region)
 - Duration: daily, possibly sub-daily (to be decided)
 - When: within the next 12 months
- **M8, global**
 - Volodya Kossobokov
 - 6 month TIPs, updated every 6 months
 - Covers entire globe
 - Ready to start now
 - MSc not yet automated, more time required

Summary of Prototype EFP Experiments

- **Quakefinder**
 - Tom Bleier & Clark Dunson
 - Ready to start
 - California, TIPs and No-Comment zones, 30 km radius of a site (or several)
 - Magnitudes 5+
 - Confidence levels
 - Possibly: several different forecasts based on different channels
- **Thermal IR anomalies**
 - Valerio Tramutoli
 - Alerts with different levels of attention: yellow & red
 - Alerts of duration of maximum of 3 weeks
 - Radii are magnitude-dependent, variable regions
 - TIPs & no-comment zones
 - Share alerts among CSEP participants?
 - When: within next year?

Summary of Prototype EFP Experiments

- **Tiger Liu**
 - Taiwan: fixed spatial region
 - TIPs and “Safe Periods”
 - M5+
 - When: within next year?
- **Doug Rekenhaller**
 - Washington/Oregon soon, California later
 - TIP, M4+
- **Doug Rekenhaller**
 - Washington/Oregon soon, California later
 - TIP, M5+
- **Menas Kafatos**
 - TIPs, will develop methods