

SCITS MEETING AGENDA May 23 & 24, 2017 Hartley Conference Room 397 Panama Mall, Mitchell Building, 1st floor Stanford, CA, 94305

Tuesday, May 23

8:00	Continental Breakfast	
8:30-8:40	SCITS update – Mark Zoback/Claudia Baroni	
Morning Session - Open Session with USGS Participants		
8:40-9:00	One year hazard models – Andrea Llenos	
9:00-9:20	Predicting seismicity rates and earthquake probability in OK – Cornelius	
	Langenbruch, Matt Weingarten, Mark Zoback	
9:20-9:30	Discussion	
9:30-9:50	Proximity to basement – Rob Skoumal	
9:50-10:00	The rocks matter – Mark Zoback	
10:00-10:20	Discussion	
10:20-10:50	Break	
10:50-11:10	Fluid level monitoring in the Arbuckle – Andrew Barbour	
11:10-11:30	Incorporating uncertainty into hydrologic monitoring - Matt Weingarten, Rall	
	Walsh	
11:30-12:00	Open discussion, including possible engagement of SCITS in OK hydrologic	
	studies	
12:00-1:00	Lunch on Patio	
Afternoon Session – SCITS Research		
1:00-1:20	Magnitude/frequency analysis – Jeremy Maurer, Paul Segall	
1:20-1:40	Update on Kansas seismicity studies – Fatimah Al Ismael, Bill Ellsworth	
1:40-2:00	Precise location of OK hypocenters – Martin Schoenball, Bill Ellsworth	

2:00-2:20	Optimization of injection scenarios with probabilistic hydrogeology and FSP –
	Matt Weingarten, Steve Gorelick, Mark Zoback
2:20-2:50	Break
2:50-3:10	Overview of traffic light systems for HF-induced seismicity - Mark Zoback
3:10-3:30	Hearing from affiliates – outstanding HF monitoring issues and research priorities
3:30-3:50	Detection methods/Update on Guy-Greenbrier - Clara Yoon, Greg
	Beroza, Bill Ellsworth
3:50-4:10	Monitoring with DAS – Biondo Biondi
4:10-5:10	Open Discussion – Current and future opportunities
5:15-6:30	Reception (Hartley Patio)

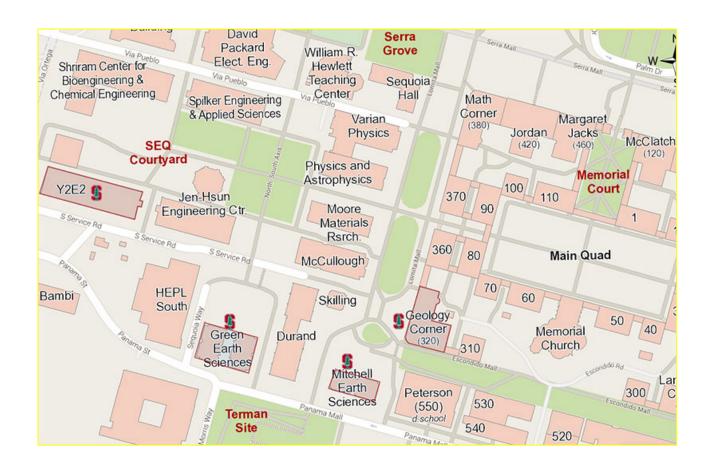
Wednesday, May 24

8:00 Continental Breakfast

Morning Session – Seismic Risk

12:00	Adjourn
11:30-12:00	Priorities for Future Research
10:40-11:30	Discussion – Opportunities and challenges associated with real-time monitoring
10:20-10:40	FSP applied to faults in the Permian Basin – Jens Lund Snee, Mark Zoback
9:50-10:20	Break
9:30-9:50	GMP in Groningen – Zack Spica, Xin Liu, Greg Beroza
	Beroza and Yihe Huang
9:10-9:30	Stress Drop and strong ground motion – Bill Ellsworth, Nana Yoshimitsu, Greg
8:50-9:10	Regional risk – Ahbineet Gupta, Jack Baker
8:30-8:50	GMP simulations – Sam Bydlon Eric Dunham

Maps, Directions & Parking



<u>Click here</u> for driving directions and printable maps.

You can see building locations by searching for them on Stanford's Google Map.

Parking on campus

Before 4pm, you will need to use either metered parking or permit parking. Closest parking lot is Roble Field Garage (Parking Structure 10), an underground garage at the corner of Santa Teresa Street and Via Ortega. Please consider carpooling or taking public transportation, as parking on campus is limited. Visitor parking for \$1.50/hour (cash and credit cards accepted) is available at the parking structure and in several smaller lots in the area. After 4 pm, you may park free of charge in any "A" or "C" space in parking structures and parking lots.

For more details, please see the University's Visitor Parking Information.

