Dr. Jay Sui Tung

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Career Goals

Pursuing excellence in teaching, student/postdoc mentoring, and research with dedicated services to the campus, scientific, and the greater public community. Develop an externally funded laboratory combining geodesy, geophysics, supercomputer models, and machine learning to address emerging societal challenges related to the environment. Experienced in teaching field camps, and remote and in-person classes for introductory and advanced levels for a class size of up to 170 with teaching evaluation, of >4.3 out of 5.

Teaching Synopsis

- **Geodesy, Remote Sensing**
- **Environmental Geophysics**
- **Geophysical Modeling, Inverse methods**
- **Data Sciences for Geoscientists**
- **Physical/ Structural Geology, Field Camp**
- Python Programming for Earth Science
- Sedimentary Field Mapping
- Course Evaluation: 4.3-4.7 out of 5
- Work with 1 postdocs, 8 PhD, 1 MS, 2 undergraduates

Research Synopsis

- **PI of NSF, SCEC, ALOS Grants**
- **Two-time NASA ROSES Panelist**
- **Geodesy, Environmental Geophysics**
- **Energy Systems, Natural Hazards, Tectonophysics**
- **Crustal/Coastal Processes, Climate Changes**
- **Supercomputer Modeling, Machine Learning**
- Induced Seismicity, Earthquakes, Volcanos, Tsunami
- Reservoir Modeling of Groundwater Flow, Geothermal, and Petroleum Energy Systems
- High-Performance Computing, Early Hazard Warnings

Residency

US Permanent Resident (Greencard Holder with Work Authorization)

Education

Ph.D. in Earth Sciences (2013), **M.Phil.** in Physics (2009), **B.S.** in Physics (2007), University of Hong Kong

Employment, Professional Preparation, And Appointments

1.	Assistant Professor (Tenure-track), Texas Tech University (TTU), USA	2023 -
2.	Associate Scientist, University of Wisconsin-Madison, USA	2020 - 2022
3.	Visiting Scholar, Arizona State University, USA	2020 - 2023
4.	Affiliated Collaborator, South Dakota School of Mines	2019 -
5.	Assistant Research Scientist, Arizona State University, USA	2019 - 2020
6.	Research Scientist, South Dakota School of Mines (SD Mines), USA	2017 - 2019
7.	Post-Doctoral Scientist, South Dakota Mines - Advisor: Timothy Masterlark	2013 - 2016
8.	Course Coordinator/Lecturer, South Dakota Mines, USA	2015
9.	Field Instructor, South Dakota Mines, USA	Summer 2014
10.	Guest Lecturer, South Dakota Mines, USA	2014 - 2019

Services (Outreach And Synergistic Activities)

1.	Panelist, NASA ROSES Solicitation	2022
2.	Panelist, NASA ROSES Solicitation	2021
3.	Proposal Reviewer, US National Science Foundation	2021
4.	Journal Editorial Board of Remote Sensing	2021 -

5.	Peer Reviewer, *Geophysics Research Letter, SEISMICA, Bulletin of The Seismological Society of America, Journal of Geophysical Research, Earth and Planetary Science Letters, USGS Report, Geophysical Journal International, Earth, Planets, and Space, Journal of Geodesy, Pure And Applied Geophysics, Journal of Co2 Utilization, International Research Journal of Engineering Science, International Journal of Physical Sciences and Earth Science Research*	2014 -
6.	Vice President of Membership, Vulcan Voices Toastmasters, Alabama	2021 - 2023
7.	Oral Presentation Judge, Student Research Symposium, South Dakota Mines	2018
8.	Judge of Outstanding Student Paper Award, AGU Fall Meeting	2016
9.	Committee, International Students Inc., South Dakota Mines	2014 - 2015

Taught Courses/Lectures		**Role**	
1.	Physical Geology **Evaluation: 4.6 out of 5**	Assistant Professor	2023
2.	Introduction to Geophysical Data Processing (Data Sciences in Geophysics)	Assistant Professor	2023
3.	Engineering Geophysics, **Evaluation: 4.3 out of 5**	Lecturer	2015
4.	Geophysical/Volcanology Field Camps in Hawaii (3 weeks)	Primary Instructor	2014
5.	Physical Geology	Guest Lecturer	2014 - 2018
6.	Geophysics/Structural Geology	Teaching Assistant	2009 - 2012

Advisory/Supervisory Committees		**Postdoc/Student**	**Period**
1.	Probabilistic Tsunami Assessment associated with Megathrust Earthquake (Natural Hazard)	**Postdoc @TTU** Dr. Seok-Jun Kang	2024 -
2.	Reservoir modeling of the Permian Basin and Energy-related Induced Seismicity (Energy System, Geophysics)	**Ph.D. @TTU** Arin Rahman	2024 -
3.	Global Response for Earthquake Deformation Modeling (Natural Hazard)	**Ph.D**. **@TTU** Soroush Mehravar	2024 -
4.	Global Response for Radar Image and Automation (Geodesy)	**Ph.D. @TTU** Milad Moazezian	2024 -
5.	Linking Climate-driven and Anthropogenic Drought to Ground Subsidence and Seismic Hazards (Geodesy)	**Ph.D @Virigina Tech** Mohammad Khorrami	2023 -
6.	Fault Mechanics, Hydrogeology, Synthetic Aperture Radar Interferometry (Geodesy)	**Ph.D. @Virigina Tech** Vickie Li	2023 -
7.	Community Fault Models for California (Data Sciences and Geophysics)	**Senior Study @TTU** Kaitlyn Williams	
8.	Seismic Investigation in Upper Mantle Beneath The Asia Using PP Precursor Analysis (Seismology)	**M.S. @TTU** Pragya Lama	2021 – 2023
9.	Reconciling Thermal and Deformation Models with Known Magma Location at the Iddp-1 Well, Krafla, Iceland"(Geophysics)	**Ph.D. @SD Mines** Michael Baranowski	2015 - 2021
10.	Shale Poroelastic Behavior Determination by a Novel Tensile Strength Test (Rock Mechanics and Petrophysics)	**Ph.D. @SD Mines** Scyller Borglum	2015 - 2018
11.	Legal and Economic Aspects of Development near Springs (Economic Geology)	**Ph.D. @SD Mines** Renel Hallbeck	2018
12.	High Energy Cascadian Tsunami Impacts on the Mouth of the Columbia River (Natural Hazards)	**Senior Study @SD Mines** Benjamin Cathey	2018

Active/Pending Grants and Support: <u>Total USD 222,871</u>				
1.	PI Tung (Active)	NSF Supplement for ERC-NSF collaboration	*"Investigating background seismicity and slip kinematics along subduction zones to improve probabilistic tsunami analysis – incorporating slip potential into simulations" with PI: Christian Sippl @ Czech Academy of Sciences*	2023-2024, USD 11,934
2.	PI Tung (Active)	NSF EAGER #2136809	*"Collaborative Proposal: Probabilistic Scenarios for Megathrust Earthquakes and Tsunami Genesis" with PI: Timothy Masterlark @South Dakota Mines*	2022-2026, USD 179,993
3.	PI Tung (Pending)	SCEC	*"Geodetic imaging fault creek over the northern Rodgers Creek Fault and simulating the stabilizing effect of poroelastic transients from the nearby Geyser geothermal production, Northern California" with Manoocher Shirzaei @VirginiaTech*	2024 – 2025, USD 30,944

Current/Past Grants and Supports				
1.	PI Tung	NSF Prevent	*"Modeling of Crater Floor Deformation in Relationship with Lava Lake Activity" Subaward from PI: Christelle Wauthier @Penn State*	2021-2023, USD 35,317
2.	Associate Research Scientist	DOE	"*Water & Hole Observations Leverage Effective Stress Calculations and Lessen Expenses*" *PI: Kurt Feigl @Uwisconsin-Madison Collaborating with Lawrence Livermore National Laboratory*	2019 - 2022
3.	PI Tung	SCEC	"*Testing Mechanical Fault Models of Complex Rock Heterogeneity: Do the Distributed Domain Material Properties Affect Elastic Slip Estimates?*"	2019 - 2020, USD 25,000
4.	PI Tung	6th ALOS Research Program, JAXA	"*Validating Interpretations of Alos-2 Data for the 2015 M8.3 Chile Earthquake: Calibration of Co-Seismic and Post-Seismic Deformation and Assessment of Transient Seismic Hazard"*	2016-2021, Funded With Data Access Of USD 613,000 Worth
5.	Assistant Research Scientist	DOE	"*Physics-Based Operational Induced Earthquake Forecasting: Process Understanding and Hazards Mitigation?*" *PI: Manoochehr Shirzaei @Virgina Tech*	2019 - 2020
6.	Research Scientist	NASA ROSES	"*Numerical Impulse-Response Experiments for Fluid Magma Migration and Storage" Pi: Timothy Masterlark* @South Dakota *Mines*	2017 - 2019
7.	Post-Doc	NASA ROSES	*"Near-Field Postseismic Deformation, Insar Observations, and Modeling" PI: Timothy Masterlark* @South Dakota *Mines*	2013 - 2016

Grant Submissions/Attempts

1.	PI	SCEC	*"Assessing fault stability and induced seismicity over the Coso geothermal area using InSAR data and hydrological stress models"*	2023
2.	PI	USGS NEHRP	*"Connecting fault-zone hydrological heterogeneity to induced seismicity: Example from the Pecos/MentoneArea of Delaware Basin, West Texas"*	2022
3.	PI	USGS NEHRP (Panel Recommendation)	*"Developing Community Fem-Based Green's Function Library (CGL) of Fault Deformation in the San Francisco Bay Area: Collaborative Research with Arizona State University and South Dakota School of Mines"*	2020
4.	PI	SCEC	*"Community Fault Dislocation Library (CDFL) of Merging CFM and CVM for Southern California – Phase 1 with a Case Study of the 2019 Ridgecrest Earthquakes"*	2020
5.	CO-PI	NASA ROSES	*"Constraining 3D Poroelastic Model of Central Valley Aquifer System Using Deformation, Gravity, and Well Data"*	2019
6.	PI	NASA ROSES	*"JPL Collaborative Research: Transient Deformational Tomography of Near-Fault Permeability and Viscosity Structures by Bayesian Impulse-Medium-Response Experiments"*	2018
7.	PI	USGS NEHRP	*"Cyberinfrastructure for Near-Real-Time Aftershock Hazard Mapping: a Library of Transient Deformation Models for Northern California"*	2018
8.	PI	USGS NEHRP	*"Community Fault Deformation Model for Northern California"*	2017
9.	CO-PI	NSF MGG	*"Probabilistic Tsunami Scenarios for Megathrust Earthquakes"*	2017
10.	CO-PI	NSF	"*Tsunami Scenarios for Megathrust Earthquakes*"	2017
11.	PI	NASA ROSES	*"Green's Function Library of Slip-Induced Deformation at Plate Boundaries",*	2016
12.	PI	NSF GEOPRISMS	*"Building Community Green's Function Library of Slip-Induced Deformation within a Heterogeneous Crustal Domain for Near-Real-Time Slip Inversion, Aftershock Forecasts, and Tsunami Warning System in the Cascadia, Alaska-Aleutian and New Zealand Subduction Zones"*	2016
13.	PI	USGS NEHRP	*"Green's Function Libraries of Slip-Induced Deformation for Southern California"*	2016
14.	PI	NSF MGG	*"Numerical Models of Coupled Earthquake-Tsunami Dynamics for Cascadia"*	2014

Press And Media Attention

Invited Nationally Televised Interviews:

1. KNBN, USA (2015)
2. Phoenix TV, HK (2013)
3. Now TV, HK (2013)
4. Phoenix TV, China (2013)
5. BBTV, HK (2013)
6. TVB, HK (2013)

Peer-Reviewed Publications

1. **Tung, S**.*, Ole Kaven, Manoochehr Shirzaei, Timothy Masterlark, Herbert F. Wang, Wei-Chuang Huang, Kurt L. Feigl (2023), Seismicity Zoning at the Coso Geothermal Field and Stress Changes from Fluid Production and Migration (Under review at Earth and Planetary Science Letters)
2. **Tung, S**.*, Christian Sippl, Manoochehr Shirzaei, Timothy Masterlark, Irina Medved, Gulten Polat (2023), Analyzing Structural Controls on Fault Slip of the 2023 Kahramanmaraş, Turkey, Earthquakes in with Finite Element Models (Under review at Geophysical Research Letters)
3. Gonzalez-Santana, Judit, Christelle Wauthier, **Sui Tung**, and Timothy. Masterlark (2023), The effect of edifice slope, detachment fault geometry, and magmatic triggers on the development of volcanic flank instability (To be resubmitted to the Journal of Geophysical Research)
4. **Tung, S**.*, M. Shirzaei, C. Ojha, A. Pepe, Z. Liu (2021), Structural Controls Over The Rupture And Aftershocks of The 2019 Ridgecrest Earthquake Sequence Investigated By High-Fidelity Elastic Models of Velocity Structures, *Journal of Geophysical Research* https://doi.org/10.1029/2020jb021124
5. **Tung, S**.*, G. Zhai, M. Shirzaei, Potential Link Between 2020 Mentone, West Texas M5 Earthquake And Nearby Wastewater Injection: Implications For Aquifer Mechanical Properties (2020), *Geophysical Research Letter* https://doi.org/10.1029/2020gl090551
6. **Tung, S**.*, E. Fielding, D. Bekaert And T. Masterlark (2019b), Rapid Geodetic Analysis of Subduction Zone Earthquakes Leveraging 3D Elastic Green's Function Library, *Geophysical Research Letters* https://doi.org/10.1029/2018gl080578
7. **Tung, S**.*, K. Katzenstein, T. Masterlark, J. Lei, C. Wauthier And D. Petley (2019a), Sensitivities of Geodetic Source Analysis To Elastic Crust Heterogeneity Constrained By Seismic Tomography For The 2017 Mw 6.5 Jiuzhaigou, China, Earthquake, *Seismological Research Letters* https://doi.org/10.1785/0220180272
8. **Tung, S**.*, And T. Masterlark (2018d), Delayed Poroelastic Triggering of The 2016 October Visso Earthquake By The August Amatrice Earthquake, Italy, *Geophysical Research Letters* https://doi.org/10.1002/2017gl076453
9. **Tung, S**.*, And T. Masterlark (2018c), Sensitivities of Near‐Field Tsunami Forecasts To Megathrust Deformation Predictions, *Journal of Geophysical Research: Solid Earth* https://doi.org/10.1002/2017jb015354
10. **Tung, S**.*, And T. Masterlark (2018b), Resolving Source Geometry of The August 24 2016 Amatrice, Central Italy Earthquake From Insar Data And 3D Finite Element Modeling, *Bulletin of The Seismological Society of America* https://doi.org/10.1785/0120170139
11. **Tung, S**.*, And T. Masterlark (2018a), Transient Poroelastic Stress Coupling Between The 2015 M7.8 Gorkha, Nepal Earthquake And Its M7.3 Aftershock, *Tectonophysics* https://doi.org/10.1016/j.tecto.2018.02.003
12. **Tung, S.***, And T. Masterlark (2016), May 2016 Cover Feature of *Journal of Geophysical Research - Solid Earth* https://agupubs.onlinelibrary.wiley.com/doi/epdf/10.1002/jgrb.51297
13. **Tung, S.***, And T. Masterlark (2016), Coseismic Slip Distribution of The 2015 M_w7.8 Gorkha Earthquake From Joint Inversion of GPs And InSAR Data For Slip Within A 3D Heterogeneous Domain, *Journal of Geophysical Research* https://doi.org/10.1002/2015jb012497
14. **Tung, S.***, Leung, J. K. C., Jiao, J., Wiegand, J., And Wartenberg, W. (Https://Doi.Org/10.1002/2015jb012497 2013), Assessment of Soil Radon Potential In Hong Kong, China, Using A 10-Point Evaluation System, *Environmental Earth Sciences*, P. 1-11. https://doi.org/10.1007/s12665-012-1782-0
15. Masterlark, T.*, T. Donovan, K.L. Feigl, M. Haney, C. Thurber, And **S. Tung** (2016), Volcano Deformation Source Parameters Estimated From InSAR: Sensitivities To Uncertainties In Seismic Tomography, *Journal of Geophysical Research* https://doi.org/10.1002/2015jb012656
16. Cheung, Y. T. D. *, M. J. Spittal, M. K. Williamson, **S. Tung** And Pirkis, J., (2014), Predictors of Suicides Occurring Within Suicide Clusters In Australia, 2004-2008, *Social Science & Medicine*, 118, 135-142 https://10.1016/j.socscimed.2014.08.005
17. Cheung, Y. T. D.*, M. J. Spittal, M. K. Williamson, **S. Tung** And Pirkis, J., (2013), Application of Scan Statistics To Detect Suicide Clusters In Australia, *Plos One*, V. 8, No. 1, P. E54168. https://10.1371/journal.pone.0054168

Book Chapters

1. **Tung, S.**, T. Masterlark, And D. S. H. Lo (2018). Finite Element Models of Elastic Earthquake Deformation, In *Earthquakes-Forecast, Prognosis, And Earthquake Resistant Construction*, *Intechopen*. (Invited) https:///doi.org/10.5772/intechopen.76612
2. Masterlark, T., And **S. Tung** (2018), Finite Element Models of Elastic Volcano Deformation, In *Volcanoes*, *Intechopen* (Invited) https:///doi.org/10.5772/intechopen.71156

Thesis and Dissertation

1. **Tung, S.** (2013), Co-Seismic And Post-Seismic Gravity Variation Associated With The 2008 M8 Wenchuan Earthquake, Ph.D. Thesis, University of Hong Kong https://doi.org/10.5353/th_b5053364
2. **Tung, S.** (2009), Radon Potential Mapping In Hong Kong, Mphil Thesis, University of Hong Kong http://doi.org/10.5353/th_b4414242

Conference Papers and Abstracts

1. **Tung, S**, M. Shirzaei, T. Masterlark, C. Sippl (2023), Nonlinear Geodetic Slip Model of 2023 Mw7.8 and Mw7.6 Kahramanmaras Earthquake doublet: Characteristic Structural Controls over the Dual-Fault Rupture, *American Geophysical Union Fall Meeting*, California, USA
2. Gonzalez-Santana, Judit, Christelle Wauthier, **Sui Tung**, and Timothy. Masterlark (2023), Numerical Modeling Investigation of the Influence of Edifice Slope, Receiver Fault Geometry, Dike Depth, and Buttressing on the Development of Magma-driven Volcanic Flank Instability, *American Geophysical Union Fall Meeting*, California, USA
3. Feigl, K. L., **S. Tung**, H. Guo, E. Cunningham, J. Hampton, S. J. Kleich, B. Jahnke, B. Heath, C. Roland, M. Folsom, J. Akerley, C. Sherman, I. Warren, C. Kreemer, H. Sone M. A. Cardiff, N. E. Lord, C. H. Thurber, H. F. Wang (2022), Overview And Preliminary Results From The Wholescale Project At San Emidio, Nevada, U.S., *45th Workshop On Geothermal Reservoir Engineering*, Stanford University, Stanford, California
4. ***Tung, S.**, K. Blake, M. Shirzaei, M. Cardiff, T. Masterlark, H. F. Wang, K. L. Feigl (2021), Temporal Evolution And Spatial Distribution of Stress And Strain At Coso Geothermal Field: January 2005 Through June 2019, *American Geophysical Union Fall Meeting*, California, USA
5. ***Tung, S.**, C. Sherman, T.Masterlark, M. Cardiff, H. F. Wang, K. L. Feigl (2021), Modeling Displacement, Strain, And Stress Via A Library of Green's Functions Calculated With The Finite Element Method: Application To Coso Geothermal Field, California, U.S.A., *American Geophysical Union Fall Meeting*, California, USA
6. ***Tung, S.** And K. Feigl (2021), Modeling Surface Deformation of Geothermal Environments With High-Fidelity Finite Element Models, *EGU Annual Meeting*, USA
7. ***Tung, S.**, M. Shirazei, T. Masterlark (2020), Integrated Fault Mesh of Southern California In Finite Element Models of Structural Geometric Complexities, Crustal Heterogeneity, And Topography, *Scec Annual Meeting*
8. ***Tung, S.**, G. Zhai And M. Shirazei (2020), 2020 M5 Mentone Earthquake Potentially Induced By Deep Wastewater Injection: Implications For Reservoir Mechanical Property And Individual Well Impacts, *American Geophysical Union Fall Meeting*, California, USA
9. ***Tung, S.**, G. Zhai And M. Shirazei (2019), Investigating Impact of Local Hydrogeology And Tectonics On Physics-Based Induced Earthquake Forecast Models, *American Geophysical Union Fall Meeting*, California, USA
10. *Masterlark, T., J. Long-Fox And **S. Tung** (2019), Enhancing Inverse Analyses of Volcano Deformation Data With Multidisciplinary Information Using Finite Element Models, *American Geophysical Union Fall Meeting*, California, USA
11. *Long-Fox, J., T. Masterlark, J. And **S. Tung** (2019), Investigating Transient Deformation of Okmok Volcano, Alaska, Using Fems, *American Geophysical Union Fall Meeting*, California, USA
12. **Tung, S.**, G. Ustunisik And *R. L. Nielse (2018), Potential Consequences of The Compositional Distribution of Trace Element Partitioning Experiments, Abstract #382100, *American Geophysical Union Fall Meeting*, Washington, USA

13. *Masterlark, T., **S. Tung**, G. Ustunisik And M. Baranowsk (2018), Impulse-Response Experiments For Integrating Space-Borne, Field, And Laboratory Measurements of Magmatic Systems*, American Geophysical Union Chapman Meeting*, Quinamavida, Maule Region, Chile
14. ***Tung, S.**, And T. Masterlark (2016), Rapid Inversion of Earthquake Sources By Geodesy- Based Seismic Deformation Within Complex Crustal Heterogeneity, *American Geophysical Union Fall Meeting*, San Francisco, USA
15. ***Tung, S.**, And T. Masterlark (2016), Coseismic Slip Distribution Along A Curved Rupture Embedded In The 3D Heterogeneous Crust: Joint Inversion of InSAR And GPS Data For The 2016 Central Italy Earthquake, *American Geophysical Union Fall Meeting*, San Francisco, USA
16. ***Tung, S.**, T. Masterlark And T. Donovan (2015), Inverting For Earthquake Kinematic Source Parameters With Gps And Insar: Stepwise Nonlinear And Linear Fem-Based Inverse Analyses*, International Association For Mathematical Geosciences Conference*, Germany
17. Masterlark, T., K. Katzenstein, T. Donovan And ***S. Tung** (2015), Volcano Deformation Source Parameters Estimated From Fem-Based Nonlinear Inverse Analyses of Insar: Sensitivities To Uncertainties In Seismic Tomography, *International Association For Mathematical Geosciences Conference*, Freiberg, Germany
18. *Masterlark, T., T. Donovan, And **S. Tung** (2014), Embedding Abaqus In Nonlinear Inverse Analyses of Satellite Radar Data To Estimate Magma Flux Within An Active Volcano, *Simulia Community Conference*, Providence, USA
19. *Masterlark, T., K. Katzenstein, T. Donovan And **S. Tung** (2014), Fem-Based Nonlinear Inverse Analyses of Volcano Deformation: Sensitivities To Uncertainties in Seismic Tomography And Nonspherical Chambers, *Wegener*, Leeds, UK
20. *Donovan, T., T. Masterlark, And **S. Tung** (2014), Automation Techniques For Developing And Evaluating 3D Heterogeneous Elastic Volcano Deformation Fems, *Wegener*, Leeds, UK
21. ***Tung, S.**, L. Chan And T. Masterlark (2012), Finite Element Modeling of Post-Seismic Viscoelastic Response of The Crust Associated With The 2008 M=8.0 Wenchuan Earthquake, *International Geological Congress, Brisbane*, Australia
22. ***Tung, S.**, L. Chan And T. Masterlark (2011), Finite Element Modeling of Co-Seismic Deformation of The Longmenshan Thrust Belt Associated With 2008 M=8 Sichuan Earthquake, Abstract T23c-2418, *AGU Fall Meeting*, San Francisco, USA
23. Chan, L, ***S. Tung**, M. Chan, J. Zhu (2011), Evidence For Co-Seismic And Post-Seismic Changes In Gravity Values Associated With The 2008 M=8 Sichuan Earthquake, Abstract T23c-2420, *American Geophysical Union Fall Meeting*, San Francisco, USA
24. ***Tung, S.**, Leung J. K. C. (2008), Radon Potential Mapping In Hong Kong, *Workshop On Radon Risk Mapping: From Soil-Gas To Indoor Concentrations*, *International Geological Congress*, Oslo, Norway

*Presenting Author

Collaborators (by alphabetical order)

Antonio Pepe - Institute for Electromagnetic Sensing of the Environment, Italian National Research Council
Chandra Ojha - Indian Institute of Science Education and Research Mohali
Chris Sherman - Lawrence Livermore National Laboratory
Christelle Wauthier – Penn State University
Christian Sippl - Academy of Sciences of the Czech Republic
Dave Petley - University of Hull, UK
David Bekaert– JPL/Caltech
Derek Yee Tak Cheung – The University of Hong Kong
Eric Fielding – JPL/Caltech
Falk Amelung – University of Miami
Gokce Ustunisik - South Dakota School of Mines
Guang Zhai - Netherlands Organization for Applied Scientific Research
Gulten Polat - Yeditepe University, Turkey
Guoqing Lin – University of Miami
Herbert Wang – University of Wisconsin-Madison
Irina Medved - Institute of Petroleum Geology and Geophysics, SB RAS, Novosibirsk, Russia
Jared Long-Fox - University of Central Florida
Jens Wiegand - Universität Essen, Germany
Jianshe Lei - China Earthquake Administration
Jimmy Jiao – The University of Hong Kong
Judit Gonzalez-Santana - Penn State University
Kelly Blake – US Navy Geothermal Program Office
Kurt Feigl – University of Wisconsin-Madison
Lung Sang Chan – UC Berkeley
Manoochehr Shirzaei – Virginia Tech
Michael Cardiff - University of Wisconsin-Madison
Ole Kaven – USGS
Roger Nielsen – South Dakota School of Mines
Roland Burgmann – UC Berkeley
Theodore Donovan - Lockheed Martin
Timothy Masterlark – South Dakota School of Mines
Tuncay Taymaz - Istanbul Technical University, Turkey
Walter Alvarez – UC Berkeley
Wei-Chuang Huang – US Navy Geothermal Program Office
Wolfram Wartenberg - Universität Oldenburg, Germany
Zhen Liu – JPL/Caltech

Invited Talks

University of Memphis - Center for Earthquake Research and Information
University of Miami
Cal State University East Bay
Texas Tech University
South Dakota School of Mines

University of Hong Kong
University of Syndey