

10 December, Monday

Oral	15:10 - 15:25	<u>PP13B-07</u> Understanding tropical convection through high-resolution vapor and precipitation isotope analysis in combination with radar data	Dominik JACKISCH	Convention Ctr- Salon I
	16:15 - 16:30	<u>PP14B-02</u> A study of triple oxygen isotopes in precipitation from a tropical region	Shaoneng HE	Convention Ctr- Salon I
	16:45 - 17:00	<u>PP14B-04</u> Precipitation stable isotopic signatures of tropical cyclones in Manila, Philippines: implications for paleotempestology	Adam D SWITZER	Convention Ctr- Salon I
Poster	08:00 - 12:20	<u>PP11D-1017</u> 240-Year Record of Sr/Ca and Ba/Ca from a Coral off Central Vietnam Reveals Impacts of Monsoonal Upwelling and La Nina Rains	Deborah LOKE	Convention Ctr - Hall A-C (Poster Hall)
	08:00 - 12:20	<u>T11H-1259</u> Breakup of the Indian Craton and Clockwise Rotation of the Shillong Plateau	Rishav MALLICK	Convention Ctr - Hall A-C (Poster Hall)
	13:40 - 18:00	<u>V13D-2962</u> Assessing SE Asian's Regional Infrasound Network Capability to Generate Actionable Products for Volcanic Events	Benoit TAISNE	Convention Ctr - Hall A-C (Poster Hall)
	13:40 - 18:00	<u>T13G-2797</u> Time-dependent Seismic Hazard Assessment for Yangon, Myanmar: Impact of Stress Perturbation by Recent Earthquakes	Chung-Han CHAN	Convention Ctr - Hall A-C (Poster Hall)
	13:40 - 18:00	<u>T13G-2799</u> Rethinking Probabilistic Seismic Hazard in Taiwan after the 2018 Hualien, Taiwan, Earthquake Sequence: Importance of stress perturbation for the assessment	Chung-Han CHAN	Convention Ctr - Hall A-C (Poster Hall)
	13:40 - 18:00	<u>T13G-2803</u> Discrete element modeling of a subduction zone with a seafloor irregularity and its impact on the seismic cycle	Liqing JIAO	Convention Ctr - Hall A-C (Poster Hall)
	13:40 - 18:00	<u>PP13F-2512</u> Coral $\delta^{18}\text{O}$ Reconstructs Sea Surface Salinity in the Singapore Straits Revealing Impacts from ENSO	Maria Rosabelle KWAN ONG	Convention Ctr - Hall A-C (Poster Hall)
	13:40 - 18:00	<u>GC13D-1942</u> Mapping Sea-Level Change in Time, Space, and Probability	Benjamin HORTON	Convention Ctr - Hall A-C (Poster Hall)
	13:40 - 18:00	<u>T13I-2872</u> Normal fault connectivity through time: an example from the Chengbei fault in the Bohai Bay Basin, China	Xiaoqing ZHANG	Convention Ctr - Hall A-C (Poster Hall)

11 December, Tuesday				
Oral	10:35 – 10:50	PP22C-02 A spatial-temporal perspective on the glacial-interglacial variability of speleothem-inferred Asian Monsoon over the recent two glacial cycles	Guangxin LIU	Convention Ctr - Salon I
	11:50 - 12:05	T22A-07 Earthquake Hazard Assessment Along Northern and Eastern Boundaries of the Colliding India Plate from GNSS, LIDAR and Seismicity Data	Paramesh BANERJEE	Marriott Marquis - Liberty N-P
	12:05 – 12:20	MR22A-08 The fate of water on Mars: constraints from gravity and topography	James DP MOORE	Marriott Marquis - Capitol/Congress
	14:55 – 15:10	PP23B-06 Mechanisms of late Holocene relative sea-level variability in the Chesapeake Bay	Benjamin HORTON	Convention Ctr - Salon H
	17:15 – 17:30	OS24A-06 Historical Time-Series Of Dissolved Organic Carbon Dynamics Off Sarawak, Borneo, From Satellite Remote Sensing	Nivedita SANWLANI	Convention Ctr - 103AB
Poster	13:40 - 18:00	T23B-3333 Paleoseismologic investigation revealed early events occurred along north Altyn Tagh fault near Shibaocheng, Gansu, China	Mingxing GAO	Convention Ctr - Hall A-C (Poster Hall)
	13:40 - 18:00	G23B-2234 Constraining The Postseismic Deformation In A Range Of Tectonic Environments Using Data From The Sentinel-1a/b Satellite	Miranda ONG Su Qing	Convention Ctr - Hall A-C (Poster Hall)
	13:40 - 18:00	DI23B-2032 Eikonal equation-based teleseismic traveltime tomography of Sumatra assess direct model uncertainties	Shaolin LIU	Convention Ctr - Hall A-C (Poster Hall)
	13:40 - 18:00	V23E-3430 Linking surface deformation with gas regime variation: a new modeling approach	Fabio MANTA	Convention Ctr - Hall A-C (Poster Hall)

12 December, Wednesday				
Oral	08:30 – 08:45	T31A-03 Crustal-scale structure beneath Myanmar from joint inversion of receiver function, Rayleigh wave ellipticity and surface wave dispersion	Xin WANG	Marriott Marquis - Liberty N-P
	09:00 – 09:15	V31A-05 How Well Crystals Record Their Magmatic Environments? (Highlighted)	Lilu CHENG	Marriott Marquis - Liberty I-K
	14:25 - 14:40	V33B-04 Petrologic Deconstruction of Magmatic Events Preceding Major Historic Eruptions of Agung Volcano, Bali, Indonesia.	Jason S HERRIN	Marriott Marquis - Liberty I-K
Poster	13:40 - 18:00	PP33D-3458 Anthropogenic influence on monsoonal rainfall and vegetation in southwestern China over the past 300 years	Ke LIN	Convention Ctr - Hall A-C (Poster Hall)
	13:40 - 18:00	EP33D-2602 Recent dynamics of large channel bars in the lower Ayeyarwady River, Myanmar	Edward PARK	Convention Ctr - Hall A-C (Poster Hall)

13:40 - 18:00	V33D-0280 F, Cl, OH and S diffusion in apatite and applications to constrain magma ascent rates	Weiran LI	Convention Ctr - Hall A-C (Poster Hall)
13:40 - 18:00	T33D-3791 Recent activity on the Main Boundary Thrust in western Nepal: implications for mechanics of the Himalayan thrust system	Magali RIESNER	Convention Ctr - Hall A-C (Poster Hall)

13 December, Thursday

Poster	08:00 – 12:20	NH41B-1140 A Volcanic Preparedness Communication Game for the Ring of Fire	Isaac KERLOW	Convention Ctr - Hall A-C (Poster Hall)
	08:00 – 12:20	T41G-1654 Deformation of the oceanic asthenosphere and mantle wedge following the 2010 Mw 8.8 Maule earthquake	Qiang QIU	Convention Ctr - Hall A-C (Poster Hall)
	08:00 – 12:20	S41C-1493 Are aftershock locations a good proxy for the mainshock rupture area?	Jing Ci NEO	Convention Ctr - Hall A-C (Poster Hall)
	08:00 – 12:20	PA41E-1372 Communicating Coral Skeletal Data through Microscopic Images	Molly Anne MOYNIHAN	Convention Ctr - Hall A-C (Poster Hall)
	13:40 - 18:00	A43O-1829 Investigating the characteristics and dynamics of rainfall in Singapore using a GPS-derived proxy to precipitable water.	Nathanael Zhixin WONG	Convention Ctr - Hall A-C (Poster Hall)
	13:40 - 18:00	G43B-2279 Sea-Level and Coastal Evolution of the Kallang River Basin, Singapore	Stephen CHUA	Convention Ctr - Hall A-C (Poster Hall)
	13:40 - 18:00	NH43E-2940 The impact of fault-bend folding on models of tsunami generation and inundation	Raquel FELIX	Convention Ctr - Hall A-C (Poster Hall)
	13:40 - 18:00	G43B-2283 What Insights Can the Holocene Provide on Previous Interglacial Sea Levels?	Nicole KHAN	Convention Ctr - Hall A-C (Poster Hall)
	13:40 - 18:00	S43C-0603 Mw6.0 Myanmar Earthquake Ruptured a Previously Undiscovered Thrust Fault: Using Aftershock Relocations, Seismic and Geodetic Inversions to Infer Fault Geometry	Wardah Shafiqah Binti MOHAMMAD FADIL	Convention Ctr - Hall A-C (Poster Hall)
	13:40 - 18:00	S43D-3407 The First Strong Motion Database and GMPEs for Sumatra	Shengji WEI	Convention Ctr - Hall A-C (Poster Hall)
	13:40 - 18:00	V43H-3828 Dike pathway evolution with time scale	Stephen PANSINO	Convention Ctr - Hall A-C (Poster Hall)
	13:40 - 18:00	G43B-2276 Constraining global models of the glacial isostatic adjustment process: Where should we look next?	Keven ROY	Convention Ctr - Hall A-C (Poster Hall)

Town Hall	12:30 – 13:30	TH43D The Coral Reef Ecosystem: Observation, Configuration, and Communication at the Intersection of Art and Science	Nathalie GOODKIN, Molly Anne MOYNIHAN	Marriott Marquis - Independence E
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14 December , Friday

Poster	08:00 - 12:20	T51I-1921 HIGH P-WAVE SPEEDS IN THE UPPER MANTLE AND THEIR POSSIBLE ASSOCIATION WITH SUPER PLUMES	James DP MOORE	Convention Ctr - Hall A-C (Poster Hall)
	08:00 - 12:20	ED51D-0614 A Volcanic Hazard Preparedness Game of Show, Tell, and Solve	Isaac KERLOW	Convention Ctr - Hall A-C (Poster Hall)
	08:00 - 12:20	OS51E-1393 A Global Reanalysis of Nodal Modulation on High Tidal levels from Hourly Tide Gauge Records	Dongju PENG	Convention Ctr - Hall A-C (Poster Hall)
	08:00 - 12:20	T51G-1900 DEM modelling of the Tertiary Deformation of the Pamir and adjacent blocks	Priyamvada NANJUNDIAH	Convention Ctr - Hall A-C (Poster Hall)
	13:40 - 18:00	B53K-2319 In situ measurements of coral-associated nitrogen fixation from turbid reefs	Molly Anne MOYNIHAN	Convention Ctr - Hall A-C (Poster Hall)