

Disasters Projects Participation in AGU 2021

AGU 2021

A37 Theme - PI

	Presenter	Session	Date/Time	Time CT	
Volcanic SO2 and Ash - Krotkov	Realmuto, Vince Carn, Simon	A14I-08	13-Dec 14:58-15:02	virtual	Modeling the 3-D Radiance Spectra of Volcanic Ash Clouds (virtual attendance)
		V33C-09	15-Dec 12:45-14:00		Secular Trends in SO2 Emissions From Erupting Volcanoes
	Park, Jeong Hedelt, P	A15B-1616 A25J-1827	13-Dec 16:00-18:00 14-Dec 16:00-18:00		The first hourly volcanic SO2 column density retrieval from Geostationary Environmental Monitoring System (GEMS) of geostationary UV-Vis hyperspectral sensor and its application to volcanic studies Volcanic SO2 height retrieval from UV satellite measurements
	Delemere, Jennifer	IN24A-06	14-Dec 15:13-15:21		Direct Broadcast Operations at the Geographic Information Network of Alaska (GINA): Twenty Years and Counting!
SAR Data for Weather - Meyer	Meyer, Franz	G35C	15-Dec 16:00-18:00		A Cloud-based Operational Surface Water Extent Mapping Service from Sentinel-1 SAR (poster)
	Bel	GC45I	16-Dec 16:00-18:00		Identifying and Mapping Agricultural Areas Using Synthetic Aperture Radar Time Series (poster)
	Meyer, Franz	G34A	15-Dec 14:30-15:45		Highlights From the SAR Community Supported by ASF's 30-Year Quest for Making SAR Data Accessible (Oral Session Chair)
	Meyer, Franz	G35C	15-Dec 16:00-18:00		Highlights From the SAR Community Supported by ASF's 30-Year Quest for Making SAR Data Accessible (Poster Session Chair)
Critical Infrastructure - Huyck	Ghosh, Shubharoop	NH41A-03	16-Dec 8:00-9:15		A framework for flood detection and alerting for Vadodara to mitigate impacts on critical infrastructure and reduce economic losses
	Huyck, Charlie	NH41A-04	16-Dec 8:00-9:15		Climate Change Risk Modelling to Assist in Developing Effective National Adaptation Strategies for the Island Nation of Antigua and Barbuda
	Huyck, Charlie	GC15I-0782	13-Dec 16:00-18:00		EO-Based Technologies for Economic Modeling: Application to COVID-19
	Mendoza, Marina	ED15F-0562	13-Dec 16:00-18:00		Developing a Scale-Aware Framework for Determining Wildfire Risk Utilizing EO Data Under Various Climate Scenarios
	Mendoza, Marina	NH14C-06	13-Dec 14:30-15:45		Earth Observation Derived Critical Infrastructure Risk Index for DRR and DRM
Global Flood - Glasscoe	Glasscoe, Maggi	NH45A-0595	16-Dec 16:00-18:00		Dissemination of Global Surface Water Mapping from SAR and Optical Data to Global Stakeholder
	Kar, Bandana	NH45A			Earth Observations and Imagery Science to Assess and Forecast Risk and Resilience of Communities and Infrastructures Due to Climate Change II Poster
	Kar, Bandana	NH41A	8:00-9:15		Earth Observations and Imagery Science to Assess and Forecast Risk and Resilience of Communities and Infrastructures Due to Climate Change I Oral
Hailstorms - Bedka	Bedka, Kris	NH45A-0594	16-Dec 16:00-18:00		Use of Geostationary Infrared, Passive Microwave Imager, and Reanalysis Datasets to Assess Climatological Hailstorm Risk
	Cooney, John	A31B-04	15-Dec 8:00-9:15		Automated Detection of Severe Thunderstorm Signatures Within Geostationary Satellite Imagery Using Deep Learning
	Bang, Sarah	H11E-05	13-Dec 8:00-9:15		Detecting hail from space: Using a multi-frequency passive-microwave retrieval to analyze the global climatology and diurnal cycle of severe hail
Rapid Damage Mapping - Fielding	Fielding, Eric	S45-0331	16-Dec 16:00-18:00	virtual	Where the Fault Meets the Road: Structure, Deformation and Rheology of the Urban Hayward Fault (note: not an A37 presentation)
Landslides - Kirschbaum	Kirschbaum, Dalia	NH11A	13-Dec		Gilbert F. White Distinguished Lecture Award I
	Kirschbaum, Dalia	NH22B	14-Dec		The Landslide Life Cycle: From Hazard Analysis to Risk Assessment III eLightning
	Emberson, Robert	ED15F-0563	13-Dec 16:00-18:00		Moving from landslide hazard to exposure and risk: lessons learned and the view forward
	Stanley, Thomas	NH35E-0524	15-Dec 16:00-18:00		Using remotely sensed information to support landslide hazard and exposure assessment throughout the disaster lifecycle
Tsunamis - Melgar	Melgar, Diego	T11E-04	13-Dec 8:20-8:25		Deep megathrust ruptures and coastal subsidence at the Cascadia subduction zone
	Small, David	S53B-07	17-Dec 13:18-13:23		Can probabilistic hazard estimates reliably capture M9 events? A Case study from the Japan trench
	Kwong, Kevin	N42A-03	16-Dec 10:00-10:06		Collaborations on Advancing GNSS Based Technology for Tsunami Forecasting, Hazard and Loss Estimates
	Crowell, Brendan	S55G-0220	17-Dec 16:00-18:00		A Year of Rupture: Kinematic and Postseismic Modeling of the Mw 7.8 Simeonof Island, Mw 7.6 Sand Point, and Mw 8.2 Chignik Earthquakes in Alaska