

CONVENERS:

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S02.02 - Volcanic impacts to society: using field, modelling and laboratory approaches to inform disaster risk and resilience assessments and mitigation

Time	ID	Title	Author Name	Affiliations	Presenter Name
8.30 - 8.45	303	Holocene Plinian eruptions at Volcán de Colima, Mexico: implications for future explosive activity	Julia Crummy (1) Ivan Savov (2) Chuck Connor (3) Laura Connor (3) Carlos Navarro (4)	(1) British Geological Survey (2) University of Leeds, UK (3) University of South Florida, Tampa, USA (4) Observatorio Vulcanológico de Colima, Colima, Mexico	Julia Crummy
8.45 - 9.00	1084	Forensic analysis of the Öræfajökull 1362, course of events from unrest to eruption.	Ármann Höskuldsson and Thor Thordarson	Institute and Faculty of Earth Sciences, University of Iceland	Ármann Höskuldsson
9.00 - 9.15	228	Tephra fallout hazard assessment at Tacaná volcano (Mexico)	Rosario Vázquez (1) Rosanna Bonasia (2) Arnau Folch (3) José Luis Macías (1)	(1) Instituto de Geofísica, Unidad Michoacán, UNAM (2) CONACYT, Sección de Estudios de Posgrado e Investigación, IPN (3) Barcelona Supercomputing Center (BSC)	Rosario Vázquez
9.15 - 9.30	282	Exposure-based risk assessment and emergency management associated with the fallout of large clasts	Sara Osman (1) Eduardo Rossi (2) Costanza Bonadonna (2) Corine Frischknecht (2) Daniele Andronico (3) Raffaello Cioni (4) Simona Scollo (3)	(1) University of Portsmouth (2) Université de Genève (3) INGV (4) Università di Firenze	Sara Osman
9.30 - 9.45	1181	Modelling and forecasting volcanic gas cloud dispersal from Masaya volcano: towards a warning system	Sara Barsotti (1) Mark Richardson (2) James O'Neill (2) Evgenia Ilyinskaya (2) Wilfried Strauch (3)	(1) Icelandic Meteorological Office, Reykjavik, Iceland (2) School of Earth and Environment - University of Leeds (3) Instituto Nicaragüense de Estudios Territoriales - Nicaragua	Sara Barsotti
9.45 - 10.00	574	Clean-up of urban areas after volcanic eruptions	Josh Hayes (1) Thomas Wilson (1) Natalia Deligne (2) Charlotte Brown (3) Graham Leonard (2) Jim Cole (1)	(1) Department of Geological Sciences, University of Canterbury, New Zealand (2) GNS Science, New Zealand (3) Resilient Organisations, New Zealand	Josh Hayes
10.00 - 10.15	1028	Naples the town on the two most dangerous Volcanoes without evacuation plans: previous disasters new volcanological evidences and modeling for risk management and mitigation	Giuseppe Mastrolorenzo	Istituto Nazionale Geofisica Vulcanologia	Giuseppe Mastrolorenzo
10.15 - 10.30	646	Understanding volcanic risk in Turkey for improved emergency response and disaster risk reduction	Gökhan Atıcı (1) Stephen Sparks (2) Evren Atakay Gündoğdu (1) Jon Blundy (2) Mehmet Çobankaya (1) Sarah Brown (2) Esra Yurteri (1) Mark Woodhouse (2) Bilge Karaman (1) Susanna Jenkins (3) Bihter Demirci (1) Jo Gottsmann (2) Kathy Cashman (2) Ayşe Dağlıyar (1) Juliet Biggs (2) Roderick Stewart (4) Willy Aspinall (2) Erkan Aydar (5) Axel Schmitt (6) Darren Mark (7)	(1) General Directorate of Mineral Research and Exploration (MTA), Ankara, Turkey (2) School of Earth Sciences, University of Bristol, UK (3) Earth Observatory of Singapore, Nanyang Technological University, Singapore (4) Montserrat Volcano Observatory, Montserrat (5) Hacettepe University, Ankara, Turkey (6) Heidelberg University, Heidelberg, Germany (7) Scottish Universities Environmental Research Centre, Scotland, UK	Gökhan Atıcı

S02.02 - Volcanic impacts to society: using field, modelling and laboratory approaches to inform disaster risk and resilience assessments and mitigation

Position	ID	Title	Author Name	Affiliations	Presenter Name
06 - 01.	230	Multi-volcanic hazard impact assessment for residential buildings in the Auckland Volcanic Field	Nicole Allen (1) Thomas Wilson (1) Ben Kennedy (1) Allan Scott (1)	(1) University of Canterbury	Nicole Allen
06 - 02.	232	Quantifying Volcanic Multi-Hazard Impacts at Mt Taranaki, NZ	Alana Weir (1) Thomas Wilson (1) Mark Bebbington (2) Natalia Deligne (3) Sarah Beaven (1)	(1) University of Canterbury, New Zealand (2) Massey University, New Zealand (3) GNS Science, New Zealand	Alana Weir
06 - 03.	403	Glacier cave research on volcanoes of the Cascade Volcanic Arc – chances to improve forecasting volcanic mudflows	Linda Sobolewski (1) Andreas Pflitsch (1)	(1) Ruhr University Bochum	Linda Sobolewski
06 - 04.	486	Preliminary report on damage caused by the ballistic block of the 2018 phreatic eruption of Kusatsu-Shirane volcano	Mitsuhiro Yoshimoto (1) Ryo Honda (1) Taisuke Yasuda (1) Yasuhiro Ishimine (2) Hiroyuki Yamada (3) Jiro Komori (4) Akihiko Terada (5) Junichi Hirabayashi (5) Toshitsugu Fujii (1)	(1) Mount Fuji Research Institute, Yamanashi Prefectural Government (2) Kagoshima University (3) National Defense Academy (4) Teikyo Heisei University (5) Volcanic Fluid Research Center, Tokyo Institute of Technology	Mitsuhiro Yoshimoto
06 - 05.	533	The influence of local environmental and socio-economic conditions on the impacts of ash storms	Pablo Forte (1) Lucia Domínguez (2) Costanza Bonadonna (2) MarĀa Clara Lamberti (3) (4) Chris E. Gregg (5) Donaldo Bran (6) Jonathan M. Castro (7)	(1) Institute of Geosciences, University of Mainz, Germany (2) Department of Earth Sciences, University of Geneva, Switzerland (3) GESVA, Department of Earth Sciences, FCEN, University of Buenos Aires, Argentina (4) IDEAN (UBA-CONICET), Buenos Aires, Argentina (5) Department of Geosciences, East Tennessee State University, USA (6) Institute of National Agricultural Technology-INTA, Argentina	Pablo Forte
06 - 06.	648	Recent eruptive history of Mount Hasan and Mount Erciyes stratovolcanoes, Central Anatolia	Gökhan Atıcı (1) Bjarne Friedrichs (2) Axel K. Schmitt (2) Martin Danisik (3) Esra Yurteri (1) Evren Atakay Gündođdu (1) Erdal Ően (4)	(1) General Directorate of Mineral Research and Exploration (MTA), Ankara, Turkey (2) Heidelberg University, Heidelberg, Germany (3) Curtin University, Perth, Australia (4) Hacettepe University, Ankara, Turkey	Gökhan Atıcı
06 - 07.	975	Using ballistic cannon experiments to explore new methods of building reinforcement	George Williams (1) Nicole Allen (2) David Lallemand (1) Ben Kennedy (2) Thomas Wilson (2) Allan Scott (2) Susanna Jenkins (1)	(1) Earth Observatory of Singapore (2) University of Canterbury	George Williams