

CONVENERS:

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S01.30 - Environmental and societal impacts of past volcanic eruptions: integrating the geosciences with the historical, anthropological, and archaeological sciences

Time	ID	Title	Author Name	Affiliations	Presenter Name
14.30 - 14.45	477	The number, timing, strength and climate impact of large volcanic eruptions during the Holocene – a yearly- year inventory from polar ice cores	Michael Sigl (1) Mirko Severi (2) Joseph R. McConnell (3) Jihong Cole-Dai (4) Gill Plunkett (5) Kirstin Krüger (1) Stephan Lorenz (6) Claudia Timmreck (6) Markus Stoffel (7) Matthew Toohey (8) Kurt Nicolussi (9) Sepp Kipfstuhl (10)	(1) Department of Geosciences, University of Oslo, Oslo, Norway (2) Department of Chemistry “Ugo Schiff”, University of Florence, Italy (3) Desert Research Institute, Reno, USA (4) South Dakota State University, Brookings, USA (5) School of Geography, Archaeology and Palaeoecology, Queen’s University Belfast, Belfast, UK (6) Max Planck Institute for Meteorology, Hamburg, Germany (7) Climate Impacts & Risks in the Anthropocene, Institute for Environmental Sciences, University of Geneva, Geneva, Switzerland (8) GEOMAR Helmholtz Centre for Ocean Research, Kiel, Germany (9) Institut für Geographie, Leopold-Franzens-Universität, Innsbruck, Austria (10) Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research, Bremerhaven, Germany	Michael Sigl
14.45 - 15.00	1183	The response of the climate system to explosive volcanic eruptions during the Common Era	Kevin Anchukaitis (1)	(1) University of Arizona	Kevin Anchukaitis
15.00 - 15.15	1011	Timing and dispersal of Middle Pleistocene caldera-forming eruptions in the Main Ethiopian Rift	Celine Vidal (1) Karen Fontijn (2) Christine Lane (1) Clive Oppenheimer (1) Gezahegn Yirgu (3) Yves Moussallam (4) Amdemichael Zafu Tadesse (3) Dan Barfod (5) Paul Mohr (6) Alfonso Benito Calvo (7) Frances Williams (8)	(1) University of Cambridge (2) University of Oxford (3) Addis Abeba University (4) IRD-Universite Blaise Pascal (5) SUERC-University of Glasgow (6) University College Galway (7) Centro de Investigacil_n sobre la Evolucil_n Humana (8) Univer	Celine Vidal
15.15 - 15.30	453	Revisiting the climate impact of the c. 12,900 yr BP Laacher See eruption	Felix Riede (1) Claudia Timmreck (2) Anke Zernack (1) Anja Schmidt (3) Clive Oppenheimer (4)	(1) LAPADIS – Laboratory for Past Disaster Science, Department of Archaeology and Heritage Studies, Aarhus University, Moesgård Allé 20, 8270 Højbjerg, Denmark (2) Max- Planck-Institut für Meteorologie, Bundesstr. 53, D-20146 Hamburg, Germany (3) Department of Chemistry, Lensfield Road, Cambridge CB2 1EW, United Kingdom (4) Department of Geography, University of Cambridge, Downing Place, Cambridge CB2 3EN	Felix Riede
15.30 - 15.45	834	Reconstructing the Late Bronze Age intra-caldera island of Santorini, Greece	David Karatson (1), Ralf Gertisser (2), Tamas Telbisz (1), Viktor Vereb (1), Xavier Quidelleur (3), Timothy Druitt (4), Paraskevi Nomikou (5), Szabolcs Kosik (6)	(1) Eotvos University Budapest (2) Keele University (3) GEOPS University Paris-Sud (4) Laboratoire Magmas et Volcans, University Clermont Auvergne (5)National and Kapodistrian University of Athens (6) Massey University	David Karatson
15.45 - 16.00	97	Impacts of a Pre-Cursory Eruptive Activity on a Thriving Bronze-Age Civilization, Santorini	Krista Evans (1) Floyd McCoy (1)	(1) University of Hawaii at Manoa	Krista Evans
16.00 - 16.15	503	Progress in the knowledge of the flank eruptions occurring on Etna over the past 2,700 years	Stefano Branca (1) Tiziana Abate (2) Michel Condomines (3) Jean-Claude Tanguy (4)	(1) INGV-Osservatorio Etneo, Catania (2) École Pratique des Hautes Études, Sorbonne (3) Université de Montpellier (4) Institut de Physique du Globe de Paris	Stefano Branca
16.15 - 16.30	544	Revealing the age of a volcanic eruption in the Kula volcanic field (Turkey) eye-witnessed by Bronze-age people	İnan Ulusoy (1) M. Akif Sankaya (2) Axel K. Schmitt (3) Erdal Şen (1) Martin Danišik (4) Erdal Gümüş (5)	(1) Hacettepe Univ. Dept. Geological Engineering, 06800, Beytepe-Ankara, Turkey (2) Istanbul Technical Univ. Eurasia Institute of Earth Sci. Sarıyer, Istanbul 34469, Turkey (3) Institut für Geowissenschaften, Univ. Heidelberg, Im Neuenheimer Feld 234-236, 69120 Heidelberg, Germany (4) John de Laeter Centre, TIGeR, School of Earth and Planetary Sci. Curtin Univ. GPO Box U1987, Perth, WA 6845, Australia (5) Manisa Celal Bayar Univ. Geopark Research Center & Demirci Voc. School, Dept. GIS, 45900, Demirci, Manisa, Turkey	İnan Ulusoy
17.00 - 17.15	202	The Keys to the Past: A Mixed-Methods Approach to Reconstructing the 1812 eruption of La Soufriere St. Vincent	Jazmin P. Scarlett (1,2) Rebecca Williams (1) Greg Bankoff (3) Briony McDonagh (1)	(1) School of Environmental Sciences, University of Hull, Cottingham Road, Hull, HU6 7RX, UK (2) Laboratory for Past Disaster Science (LAPADIS), Department of Archaeology and Heritage Studies, Aarhus University, Moesgard Allé, 8270 Højbjerg, Denmark (3) School of Histories, Languages and Cultures, University of Hull, Cottingham Road, Hull, HU6 7RX, UK	Jazmin P. Scarlett
17.15 - 17.30	918	The 1902-3 eruptions of the Soufrière, St Vincent: impacts, relief and response	David Pyle (1), Jenni Barclay (2), Maria Teresa Armijos (2)	(1) University of Oxford (2) University of East Anglia	David Pyle
17.30 - 17.45	1087	Not just a nice piece of art work: innovations that integrate the humanities into building resilience to geohazards.	Maria Teresa Armijos (1) Wendy McMahon (2) Jenni Barclay (3)	School of International Development, University of East Anglia, Norwich, UK School of American Studies, University of East Anglia, Norwich, UK School of Environmental Sciences, University of East Anglia, Norwich, UK	Maria Teresa Armijos
17.45 - 18.00	854	Data-mining history: A tale of three volcanoes	Katharine Cashman (1) Caroline Williams (1) Hannah Berry (1)	(1) University of Bristol	Katharine Cashman

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Time	ID	Title	Author Name	Affiliations	Presenter Name
18.00 - 18.15	464	6th-century Eruptions of Mt Haruna in Japan and Their Social Consequences	Gina Barnes	(1) Durham University	Gina Barnes
18.15 - 18.30	368	Mapping waiata koroua (traditional prose) of the Tarawera Eruption, 1886; and its relevance to contemporary natural hazards preparedness and response.	Sylvia Tapuke (4)	(1) Tuhoë (2) Samoa (3) Massey University (4) Earthquake Commission New Zealand	Sylvia Tapuke
18.30 - 19.00	1063	An active volcano dams a lake: Potential extreme hazards as the Antuco volcano devastating event, Southern Andes, Chile, 37.4°S	Hugo Moreno (1,2) Mauricio Mella (1)	(1) SERNAGEOMIN, Chile; (2) IAVCEI	Hugo Moreno (1,2)
19.00 - ?	1104	A multidisciplinary study of Lake Nemi emissary: petrology, engineering and archaeology from the tunnel excavated within the volcanic structure	Giuseppina Kysar Mattiètti (1,2) Romano Moscatelli (2) Riccardo Paolucci (2) Marco Placidi (2) Giuseppe Pulitani (3) Franco Villegas-Garin (1)	(1) George Mason University, Fairfax, VA - USA (2) CRSA - Center for Spelearchaeological Research, Rome, Italy (3) Colonna, Rome, Italy	Giuseppina Kysar Mattiètti

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Position	ID	Title	Author Name	Affiliations	Presenter Name
06 - 67.	296	Lava-river interactions and secondary hazards associated with the 1783-84 Laki fissure eruption	Frances Boreham (1) Katharine Cashman (1) Alison Rust (1)	(1) University of Bristol	Frances Boreham
06 - 68.	204	The Ilopango Tierra Blanca Joven (TBJ) eruption, El Salvador: a major Holocene event of Central America, stratigraphy and hazards implications	Dario Pedrazzi (1) Iván Sunyé-Puchol (2) Gerardo Aguirre-Díaz (2) Antonio Costa (3) Victoria C. Smith (4) Pablo Dávila (5) Daniel P. Miggins (6) Walter Hernández (7) Eduardo Gutiérrez (7)	(1) ICTJA, CSIC, Group of Volcanology, SIMGEO UB-CSIC, Institute of Earth Sciences Jaume Almera, Lluís Sole i Sabaris s/n, 08028 Barcelona, Spain (2) Centro de Geociencias, Universidad Nacional Autónoma de México, Blvd. Juriquilla 3001, Campus UNAM, Querétaro, 76230, Mexico (3) Istituto Nazionale di Geofisica e Vulcanologia, INGV-Bologna, Via Donato Creti, 12, 40100 Bologna, Italy (4) Research Laboratory for Archaeology and the History of Art University of Oxford 1-2 South Parks Road Oxford OX1 3TG, U.K. (5) División de Geociencias Aplicadas, Instituto Potosino de Investigación Científica y Tecnológica, San Luis Potosí, 78216, Mexico (6) College of Earth, Ocean and Atmospheric Sciences, Oregon State University, 104 CEOAS Administration Building, 101 SW 26th St, Corvallis, OR 97331, EE. UU. (7) Gerencia de Geología del Observatorio Ambiental, Ministerio de Medio Ambiente y Recursos Naturales MARN San Salvador, 76230, El Salvador	Dario Pedrazzi
06 - 69.	653	Starting new act of Unzen volcanic area	Shinichi SUGIMOTO	Shinichi SUGIMOTO	Shinichi SUGIMOTO
06 - 70.	657	The Huayruro Project : mapping the Calicanto Inca area buried by the A.D. 1600 Huaynaputina eruption, with geophysical imaging and remote sensing	Raphael ANTOINE (1) Luisa MACEDO (2) Anthony FINIZOLA (3) Eric DELCHER (3) Jean-Claude THOURET (4) Cyrille FAUCHARD (1) Rachel GUSSET (3) Saida JAPURA (5) Ivonne LAZARTE (5) Jersy MARIÑO (5) Vincent Guilbert (1) Clémentine BACRI (6) Adrien NORMIER (6) Domingo RAMOS (5) Thibault SAINTENOY (7) Liliane THOURET (8) José DEL CARPIO (2) Nino PUMA (2) Orlando MACEDO (2)	(1) ENDSUM Team, Centre d'études et d'expertise sur les risques, l'environnement, la mobilité et l'aménagement (CEREMA), Rouen, France (2) Observatorio Vulcanológico del Sur, Instituto Geofísico del Perú (OVS-IGP), Arequipa, Peru (3) Laboratoire GéoSciences Réunion, Université de La Réunion, Institut de Physique du Globe de Paris (IPGP), Sorbonne Paris-Cité, UMR 7154 CNRS, Saint-Denis, La Réunion, France (4) Laboratoire Magmas et Volcans, UMR 6524, CNRS, Université Clermont Auvergne (UCA), OPGC, IRD, Aubière, France (5) Observatorio Vulcanológico del INGEMMET (OVI-INGEMMET), Arequipa, Peru (6) Wings for Science, Paris, France (7) Laboratoire Archéologie des Amériques, UMR 8096 CNRS, Université Paris 1 (8) Collaborating with INGEMMET, Arequipa, Peru and UCA, Aubière, France	Raphael ANTOINE
06 - 71.	1038	Combined Volcanological and Environmental Study at Prokosko Jezero, Bosnia Herzegowina	Christel van den Bogaard (1) Walter Dörfler (2)	(1) GEOMAR Helmholtz Centre for Ocean Research Kiel (2) Kiel University, Institute of Pre- and Protohistoric Archaeology	Christel van den Bogaard
06 - 72.	1173	Paleomagnetic dating as a tool for determining the succession of volcanic eruptions in an area of important archeological activity	Harald Blüthner (1) Katrin Sieron (2)	(1) Centro de Geociencias - UNAM (2) Universidad Veracruzana	Harald Blüthner