

**CONVENERS:**

**Kristi Wallace** | U.S. Geological Survey/Alaska Volcano Observatory, Anchorage, Alaska, USA • [kwallace@usgs.gov](mailto:kwallace@usgs.gov)  
**Graham Leonard** | GNS Science, Wellington, New Zealand • [G.Leonard@gns.cri.nz](mailto:G.Leonard@gns.cri.nz)  
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S02.16 - Volcanic ashfall & gas impacts: existing and future resources in support of preparedness, assessment and mitigation

Time	ID	Title	Author Name	Affiliations	Presenter Name
17.00 - 17.15	710	The Current State of Knowledge of the Volcanic Ashfall Impacts Working Group	Kristi Wallace (1)   Graham Leonard (2)   Carol Stewart (3)   (4) Thomas Wilson   (5) David Damby   (6) Tamar Elias   (7) Claire Horwell	(1) U.S. Geological Survey/Alaska Volcano Observatory, Anchorage, Alaska, USA   (2) GNS Science, Wellington, New Zealand   (3) Joint Centre for Disaster Research, Massey University/GNS Science, New Zealand   (4) University of Canterbury, New Zealand   (5) U.S. Geological Survey/California Volcano Observatory, USA   (6) U.S. Geological Survey/Hawaiian Volcano Observatory, USA   (7) Durham University, UK	Kristi Wallace (Invited)
17.15 - 17.30	1195	Volcanic ash and gas: a complex and dynamic relationship with affected communities	Jenni Barclay (1)   Graham Leonard (2)   Carol Stewart (3)   Teresa Armijos (1)   Claire Horwell (4)	(1) University of East Anglia   (2) GNS Science   (3) Massey University   (4) Durham University	Graham Leonard (Invited)
17.30 - 17.45	1201	Volcanic Ash Impacts to Infrastructure	Thomas Wilson (1)   Carol Stewart (2)   Susanna Jenkins (3)   Natalia Deligne (4)   Graham Leonard (4)   Shane Cronin (5)   Daniel Blake (1)   Josh Hayes (1)   Zoe Juniper (1)   Kristi Wallace (6)	(1) University of Canterbury   (2) Massey University   (3) Nanyang Technological University   (4) GNS Science   (5) University of Auckland   (6) United States Geological Survey	Thomas Wilson (Invited)
17.45 - 18.00	515	The drizzle burns my eyes and throat“ impacts of volcanic gas, aerosol and acid rain	Evgenia Ilyinskaya (1)	(1) School of Earth and Environment, University of Leeds, UK	Evgenia Ilyinskaya (Invited)
18.00 - 18.15		<b>SHORT TALKS AND DISCUSSION</b>			
18.15 - 18.30					
18.30 - 18.45					
18.45 - 19.00					

## S02.16 - Volcanic ashfall &amp; gas impacts: existing and future resources in support of preparedness, assessment and mitigation

Position	ID	Title	Author Name	Affiliations	Presenter Name
06 - 153.	168	Tephra without borders: Building a global tephra data system across disciplines	Janine B. Krippner (1)   Stephen C. Kuehn (1)   Cheryl E. Cameron (2)   Simon Goring (3)   Kerstin Lehnert (4)   Douglass Fils (5)   Amy Myrbo (6)   Anders Noren (6)	(1) Concord University, WV, USA   (2) Alaska Volcano Observatory, Alaska Division of Geological & Geophysical Surveys   (3) University of Wisconsin - Madison, WI, USA   (4) Lamont-Doherty Earth Observatory   (5) Consortium for Ocean Leadership   (6) LacCore/CSDCO University of Minnesota	Janine B. Krippner
06 - 154.	407	Continuous high degassing and strong ash discharge from Ibu volcano, Halmahera, Indonesia	Hilma Alfianti (1) Philipson Bani (1,2) Sofyan Primulyana (1) Ugan B. Saing (1) Nia Haerani (1) Umar Rosadi (1)	(1) Center of Volcanology and Geological Hazard Mitigation, Jl. Diponegoro no.57, Bandung, Indonesia (2) Laboratoire Magmas et Volcans, Université Blaise Pascal - CNRS - IRD, OPGC, Campus Universitaire des Cézeaux, 6 Avenue Blaise Pascal, 63178 Aubière Cedex	Hilma Alfianti
06 - 155.	502	"The plume goes around like a snake": establishing a monitoring system for volcanic gas & aerosol pollution in Nicaragua	Evgenia Ilyinskaya (1)   Sara Barsotti (2)   Harold Rodriguez Bellanger (3)   James O'Neill (1)   Mark Richardson (1)   Xochilt Hernandez Leiva (4)   Sebastien Nobert (3, 5)   Hilary Francis (6)   Wilfried Strauch (7)   the UNRESP team (8)	(1) University of Leeds, UK   (2) Icelandic Meteorological Office, Iceland   (3) IDEAS, Nicaragua   (4) Universidad Americana, Nicaragua   (5) University of Montreal, Canada   (6) Northumbria University, UK   (7) INETER, Nicaragua   (8) <a href="http://unresp.com">http://unresp.com</a>	Evgenia Ilyinskaya
06 - 156.	972	Estimation of thickness of volcanic ash in upper area near the vent by LiDAR data measured on Sakurajima volcano, Japan	Naoki Fujimura (1)   Msaki Mizuno (1)   Hiroshi Nishii (1)   Yasuo Ishii (1)   Shuji Seto (2)   Chaowen Wang (2)	(1) Public Works Research Institute   (2) OYO corporation	Naoki Fujimura