

OSORNO ROOM - SYMPOSIUM I

THURSDAY 24 - BLOCK VII - SESSION 1.6			
CHAIRS Thomas Wilson - José Machare			
HOUR	TIME	ABSTRACT TITLE	AUTHOR(S)
09:00 - 11:30	09:00 - 09:15	Hydrogeomorphic response to explosive eruptions--a significant, yet underappreciated, volcano hazard	Jon J. Major ¹ , Thomas C. Pierson ¹ , Álvaro Amigo ² , Daniel Bertin ² , Hugo Moreno ² , Andrés Iroumé ³ ,
	09:15 - 09:30	Holocene tephra succession of Puyehue-Cordón Caulle and Antillanca volcanic complexes, southern Andes (40-41 °S)	J.A. Naranjo, B.S. Singer, B.R. Jicha, H. Moreno, L.E. Lara
	09:30 - 09:45	Fate and agricultural consequences of leachable elements added to the environment from the 2011 Cordón Caulle Volcanic Complex tephra fall.	Carol Stewart ¹ , Heather Craig ² , Sally Gaw ² , Thomas Wilson ² , Valeria Outes ³ , Gustavo Villarosa ³ ,
	09:45 - 10:00	The geomorphic impacts of the AD 1257 eruption of Samalas Volcano (Indonesia) on the western coastline of Lombok Island	Kim Boillot-Airaksinen, Franck Lavigne, Bachtiar Wahyu Mutaqin, Yayat Sudrajat, Edouard de Bélizal,
	10:00 - 10:15	Volcanic ash impacts on the dielectric strength of HVAC Outdoor Suspension Insulators: the case of Cotopaxi and Tungurahua volcanoes (Ecuador)	López Alex (1), Ramírez Juan (1), Váscquez Francisco (2), Bernard Benjamín (2), Valencia Fausto (1),
	10:15 - 10:30	Thermal behavior of the high-energy PDCs associated with the 2010 Merapi eruption	Matteo Trolese (1), Guido Giordano (1), Jean-Christophe Komorowski (2), Susanna Jenkins (3), Peter J.
	10:30 - 10:45	Impacts after the 2015 Calbuco eruption in Argentina and their relation to tephra deposit characteristics and climatic variables	Villarosa Gustavo ^{1,2} , Outes Valeria ¹ , Delmónico Agustín ^{1,2} , Beigt Débora ¹ , Cottet Julieta ^{1,2} ,
	10:45 - 11:00	Cannon Experiments Quantify Building Vulnerability to Ballistic Impacts	G.T. Williams, B. Kennedy, T.M. Wilson, R.H. Fitzgerald, Adrien Teissier
	11:00 - 11:15	Understanding Volcanic Impact: the need to focus on vulnerability	Thomas Wilson ¹ , Carol Stewart ² , Natalia Deligne ³ , Daniel Blake ¹ , George Williams ¹ , Graham
	11:15 - 11:30	CHARACTERISTIC OF EXPLOSIVE ERUPTION OF 3270 YEARS AGO OF YUCAMANE VOLCANO (SOUTHERN PERU)	Jessica Vela ¹ , Pablo Samaniego ² , Marco Rivera ¹

COFFEE BREAK

12:30-13:00	S1.6 Tom Wilson, " What's the Consequence? Using field and laboratory approaches to assess Volcanic Impacts to Society".
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LUNCH

THURSDAY 24 - BLOCK VIII - SESSION 1.6			
CHAIRS Thomas Wilson - José Machare			
HOUR	TIME	ABSTRACT TITLE	AUTHOR(S)
14:30 - 16:00	14:30 - 14:45	The Andean largest disaster induced by the AD 1600 Huaynaputina eruption. Forgotten communities and major challenges ahead: the 'HUAYRURO' project	A FINIZOLA 1, L MACEDO 2, O MACEDO 3, JC THOURET 4, R ANTOINE 5, T SAINTENOY 6, VELLA
	14:45 - 15:00	Can ice loading explain the only dacitic explosive eruption in an andesitic volcano? Implications for future explosive eruptions in the Southern Andes	Álvaro Amigo ^{1,2} , Gabriela Pedreros ² , Francisco Bucchi ² ,
	15:00 - 15:15	A classification of mitigation strategies for natural hazards: implications for the understanding of interactions between mitigation strategies for volcanoes	Carina J. Fearnley 1 and Simon J. Day 2
	15:15 - 15:30	Living with Volcán Tungurahua: the dynamics of vulnerability during prolonged volcanic activity	Roger Few, Maria Teresa Armijos, Jenni Barclay
	15:30 - 15:45	Loss Assessment of Agricultural Crops Subjected to Volcanic Ash Fall Hazards	Hee Jung Ham ^{1†} , Seung Hun Choi ¹ , Wooseok Yun ¹ , and Sungsu Lee ²
	15:45 - 16:00	Volcano vs. environment: Where, when and why does ash aggregate?	Ulrich Kueppers ¹ , Paul Ayriss ¹ , Benjamin Bernard ² , Pierre Delmelle ³ , Kate Dobson ¹ , Guilhem

COFFEE BREAK

THURSDAY 24 - BLOCK IX - SESSION 1.7			
CHAIRS Peter Baxter - Ines Tomasek			
HOUR	TIME	ABSTRACT TITLE	AUTHOR(S)
16:15-17:30	16:15 - 16:30	Health effects of exposure to sulfur dioxide from Holuhraun/Barðarbunga eruption in Iceland	Hanne Krage Carlsen ^(1,2,3,4) , Haraldur Briem ⁽⁵⁾ , Thorsteinn Jóhannsson (6), Unnur
	16:30 - 16:45	Volcanic air pollution during a flood basalt eruption: from vent to exposed communities	Evgenia Ilyinskaya ¹ , Anja Schmidt ¹ , Tamsin Mather ² , Francis Pope ³ , Peter Baxter ⁴ , Claire Witham ⁵ , Sara
	16:45 - 17:00	Community perceptions of vog exposure, protection and advice on Hawai'i Island: a first assessment	1. Horwell, C.J.; 2. Elias, T.; 3. Covey, J.; 4. Bhandari, R.; 2. Sutton, A.J.
	17:00 - 17:15	The respiratory hazard of concomitant inhalation of volcanic ash and anthropogenic pollution: an in vitro study	Ines TOMAŠEK (1,2), Claire J. HORWELL (1), David E. DAMBY (3), Hana BAROŠOVÁ (2), Christoph
	17:15 - 17:30	Volcanic ash from Puyehue-Cordón Caulle (2011) and Calbuco (2015) eruptions promote a distinct response on a human conjunctival cell line	Al.Tesone (1), J. Tau ⁽¹⁾ , R. Lasagni ⁽²⁾ , SF. Llesuy SF ⁽²⁾ , DR. Tasat ⁽³⁾ A. Berra (1)
18:00-19:00	PLENARY TALK: Tom Pierson: "Reducing Risk from Volcano Hazards--A Geologist's Observations on What Works and What Doesn't"		