

OSORNO ROOM - SYMPOSIUM I

TUESDAY 22 - BLOCK IV - SESSION 1.4			
CHAIRS Natalia Deligne - Susana Jenkins			
HOUR	TIME	ABSTRACT TITLE	AUTHOR(S)
09:00 - 11:30	09:00 - 09:15	Ellipse-approximated isopach approach for assessing ash fall deposit at the active Sakurajima volcano, Japan	Jie Dou, Naoki Fujimura, Hideaki Mizuno, Fumiaki Akazawa, Yuya Takahashi
	09:15 - 09:30	Nyiragongo volcano (Congo, DR): vulnerability and risk assessment of Goma urban area	Caroline Michellier(1, 2), Eléonore Wolff(2) and François Kervyn(1)
	09:30 - 09:45	Feasibility of lava diversion as a risk mitigation tool	John P. Lockwood (1) and Frank A. Trusdell (2)
	09:45 - 10:00	Approaches and difficulties in lahar risk assessment	Stuart Mead and Christina Magill
	10:00 - 10:15	Quantitative vulnerability analysis of different types of walls due to an impact of lahars	Andres Patiño - Gustavo Cordoba
	10:15 - 10:30	Vulnerability Assesment of building to ash falls for eruptive events of Galeras Volcano in Consacca Municipality, Nariño, Colombia	Dorado, Lina
	10:30 - 10:45	A Study on Volcanic Hazard for Nuclear Power Plant	Yoshiyuki Yasuike
	10:45 - 11:00	Assessing correspondence between volcanic activity and evacuation using time series and timeline data: forensic analysis from Soufrière Hills Volcano, Montserrat, 1996-2009	Jeremy Phillips, Henry Odbert, Jenni Barclay, Jonathan Stone, Eliza Calder, Paul Cole, Willy Aspinall, Guy Nason
	11:00 - 11:15	EVIDENCE OF STRUCTURAL BOUNDARIES INFERRED BY SELF POTENTIAL AND CO2 FLUX MEASUREMENTS ON SAN SALVADOR VOLCANO, EL SALVADOR	J.E. Benitez1, A. Finizola2, R. Gusset2,B.Henriquez1, V. Mendoza1
	11:15 - 11:30	Integrated risk assessment of volcanoes in Iceland	Melissa Anne Pfeffer1, Sara Barsotti1, Sigrún Karlsdóttir1, Esther Jensen1, Emmanuel Pagneux1, Evgenia

COFFEE BREAK

12:30-13:00

S1.4 Natalia Deligne, "Volcanic impact and risk assessment: current state and future directions"

LUNCH

COFFEE BREAK

CHAIRS Natalia Deligne - Susana Jenkins			
HOUR	TIME	ABSTRACT TITLE	AUTHOR(S)
14:30 - 16:00	14:30 - 14:45	Volcanic Risk Assessment in Argentina	Elissondo, M1, Fariás C2, Collini, E2,3
	14:45 - 15:00	Mapping Decades of Development in Volcanic Zones: Night Lights vs. Land Use	Christopher Small, Karen Holmberg
	15:00 - 15:15	Quantifying volcanic hazards and potential impacts at Gede volcano, Indonesia	Winson, A. E. G., Costa, F., Widiwijayanti, C., Jenkins, S., Newhall, C. G., Andrestuti, S.
	15:15 - 15:30	Improving the forecasting of agricultural impacts from tephra fall	Heather M. Craig(1), Thomas Wilson(2), Alec Wild(3), Christina Magill(4), Carol Stewart(5), Gustavo Villarosa(6), &
	15:30 - 15:45	Volcanic risk assessment and management through the CERG-C international training program at Vulcano Island, Italy	Costanza Bonadonna (1), Sebastien Biass (1,2), Chris Gregg (3,1), Scira Menoni (4,1), Franco Romero (5),
	15:45 - 16:00	Investigating the consequences of an Auckland Volcanic Field eruption using a scenario	(1) Natalia I. Deligne, (2) Daniel M. Blake, (2) Alistair J. Davies, (2) Rebecca Fitzgerald, (2) Josh Hayes, (2) Ben

COFFEE BREAK

TUESDAY 22 - BLOCK VI - SESSION 1.5

Álvaro Amigo - Erika Álvarez

HOUR	TIME	ABSTRACT TITLE	AUTHOR(S)
16:15-17:30	16:15-16:30	Reconstruction of Chaitén town, southern Chile, in a high-hazard zone. What we can do from the geological perspective?	Álvaro Amigo1, Gonzalo Hermosilla1, Daniel Bertin1
	16:30-16:45	intercommunal regulatory Plan Villarrica Pucón	María Elena Harcha
	16:45-17:00	The 2015 Villarrica volcano eruption: amazing lava fountaining with spatter fall and flows that triggered lahars which caused damage in the Pucón area	Hugo Moreno Roa
	17:00-17:15	Lahar hazard quantitative risk analysis using probabilistic hazard assesment.	Gustavo Cordoba G. (1), Hugo Delgado G. (2), Diana Rodriguez (1), Paola Paredes (1), Alejandra Guerrero (1),
	17:15-17:30	The Dilemmas of Risk-Sensitive Development on a Small Volcanic Island	Emily Wilkinson
18:00-19:00	PLENARY TALK: SERGIO GALILEA 'Government and the Ministry of Public Works vision of volcanic eruptions: political aspects, emergency management and reconstruction'.		