

Session : High-resolution analysis of catastrophic environmental changes and human response

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Oral:

1

Environmental impact of the 73 ka Toba eruption reflected by paleosol carbonate carbon isotope ratios in central India

Stanley H **Ambrose**, United States
Martin A **Williams**, University of Adelaide, Australia (PRESENTER)
Umesh **Chattopadhyaya**, India
Jaganath N **Pal**, India
Parth **Chauhan**, United States

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ORAL

2

Ladoga Lake – Baltic Sea water system and human migration during the Holocene

Dr Dmitry A **Subetto**, Herzen State Pedagogical University, Russia (PRESENTER)
Prof Pavel M **Dolukhanov**, School of Historical Studies, Newcastle University,, United Kingdom
Prof Khikmat A **Arslanov**, Geographical Institute of the State St. Petersburg University, Russia
Dr Ganna I **Zaitseva**, The Institute for the History of Material Culture, Russian Academy of Sciences, Russia
Prof Anvar M **Shukurov**, School of Mathematics and Statistics, Newcastle University, United Kingdom

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3

Human Impacts of the 1600 Eruption of Huaynaputina Volcano, Peru

Kenneth L **Verosub**, University of California - Davis, United States (PRESENTER)
Jake **Lippman**, University of California - Davis, United States

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4

Reconstructing the impacts of volcanic disasters on Holocene paleoenvironments and human land-use: Willaumez isthmus, New Britain, Papua New Guinea

Vincent E **Neall**, Massey University, New Zealand (PRESENTER)
Robin **Torrence**, The Australian Museum, Australia
Tanya A **O'Neill**, Massey University, New Zealand
Michael B **Turner**, Massey University, New Zealand
Bruce W **Hayward**, Geomarine Research, New Zealand
William E **Boyd**, Southern Cross University, Australia

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5

Impact of the Kikai-Akahoya eruption (7.3 cal. ka) in Osumi Peninsula, southern Kyushu Island, Japan

Dr Toshiro **Nagasako**, Kagoshima University, Japan (PRESENTER)
Dr Hiroshi **Moriwaki**, Kagoshima University, Japan
Dr Mitsuru **Okuno**, Fukuoka University, Japan
Dr Mariko **Matsushita**, Human and Forest Laboratory, Japan
Dr Yoshiaki **Matsushima**, Kanagawa Prefectural Museum of Natural History, Japan
Dr Akiko **Matsubara**, Keio University, Japan
Dr Fusao **Arai**, deceased, Japan
Assoc Prof David J **Low**e, University of Waikato, New Zealand

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6

Epoch of Extreme Inundation in the Ponto-Caspian basin as Noah's Flood new concept

Andrey L **Chepalyga**, Institute of geography Russian Academy of Science, Russia

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7

The geodynamic context of the ca 0.8 M.a. layers in the Sangiran Dome (Central Java, Indonesia): traces of the fall-event linked to the Australasian tektites strewn field ?

Boris **Brasseur**, Muséum National d'Histoire Naturelle de Paris, France (PRESENTER)
Marie-Agnès **Courty**, Centre Européen de Recherche Préhistorique, France
Brigitte **Deniaux**, Centre Européen de Recherche Préhistorique, France
Nicolas **Fedoroff**, France
Bob **Poreda**, University of Rochester, United States
François **Sémah**, Muséum National d'Histoire Naturelle de Paris, France

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8

Hurricane Catastrophes in the Caribbean Region: Past and Present

Kam-biu **Liu**, Department of Geography and Anthropology, Louisiana State University, Baton Rouge, LA 70803, USA, United States (PRESENTER)

Terrence A **McCisokey**, United States

Jason T **Knowles**, United States

Nina SN **Lam**, United States

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Poster:

1

Geomorphological Processes in the High Mountains of Taiwan

Margot **Boese**, Freie Universitaet Berlin, Dept. of Earth Sciences, Physical Geography, Germany (PRESENTER)

Prof Jiun-Chuan **Lin**, National Taiwan University, Taipei, Dept. of Geography, Taiwan

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POSTER

2

Rapid environmental changes and human reaction registered during the last two thousand years: an approach from Lithuania

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Dr Andra **Strimaitiene**, Institute of Lithuanian History, Kraziu Str. 5, LT-01108, Vilnius, Lithuania

Dr Dalia **Kisieliene**, Institute of Geology and Geography, Sevcenkos Str. 13, LT-03223, Vilnius, Lithuania

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POSTER

3

Quantifying Environmental Change Associated with Deforestation, Waipaoa Basin, NZ

Luke J **Reusser**, University of Vermont, United States (PRESENTER)

Dr Paul R **Bierman**, University of Vermont, United States

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POSTER

4

Abrupt end of eastern Mediterranean littoral vegetation refugia between -18 kyr and -5kyr Before Present

Girolamo **Fiorentino**, Università di Lecce - Italy, Italy (PRESENTER)

Dr Igor **Parra Vergara**, Observatorio Impactos climáticos del Levante Almeriense (OBAL-LEAL) Apdo 212 04630 Garrucha ALmeria, Spain

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5

Third millennium B.C. climate crisis and the social collapse in the Middle Bronze Age in Syria highlighted by Carbon stable isotope analysis of ^{14}C -AMS dated plant remains

Girolamo **Fiorentino**, Università di Lecce - Italy, Italy (PRESENTER)

Dr Valentina **Caracuta**, Italy (PRESENTER)

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