



T4.1 - Climate Change Studies	<i>Date</i> Monday, 29 August 2016	<i>Time</i> 14:00 to 15:30
	<i>Chair</i>	<i>Room</i> Hall 4B4

Times		Paper # Title	Speaker
14:00	14:15	4230 Climatic variability in western Mexico during Holocene (10,000 BP) interpreted from diatom and pollen record in sediment from Lake Chapala. (CHAPHOLO Project, Conacyt Grant 168685).	Dr. Pedro ZARATE-DEL VALLE
14:15	14:30	844 Lower Gondwana Cryosphere of the Sikkim Lesser Himalaya,(Himalayan Gondwana), India	Prof. Vinod Tewari
14:30	14:45	637 Statistical parameter study of conductive anomalies and concept of a flow pattern in the shelf environment: instance of the regions, IFOU GBEKE (Centre region of Côte d'Ivoire) and BAGOUE (North Region of Côte d'Ivoire).	Mr. KOUAO LAURENT KOUADIO
15:00	15:15	1553 Impact of climate change on livelihood of Central Himalayan communities	Dr. Mahabir Singh Negi
15:15	15:30	3376 Climate Change- Identification of Deep Saline Aquifer for CO2 Sequestrationin Bikaner-Nagaur Basin, Rajasthan, India	Dr. Devinder Kumar Chadha

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16:00	16:15	2040 Temporal and spatial changes of effective precipitation and their key role in climate change impact on groundwater in Central Europe	Mr. Peter Malik
16:15	16:30	4716 Characterising Groundwater Hydrology of Krishna-Godavari Basins	Ms. Harika Munagapati Mr Radheshyam Yadav
16:30	16:45	5451 Recent glacier extent and mass balance survey in the Rwenzori Mountains, Uganda/D.R. Congo	Dr. Denis Samyn
16:45	17:00	2313 Capacity building for climate change adaptation in Tajikistan	Mr. Aziz Gulamadshoev
17:00	17:15	945 Climate variability of the Asian monsoon and Westerlies as seen through speleothem records	Dr. Hai Cheng
17:15	17:30	2953 New results on Late Quaternary geochronology of Caspian Sea based on OSL-dating	Mr. Nikolai Tkach
17:30	17:45	3623 Reconstructing glacier change post-Little Ice Age (LIA) in the North-Western Himalaya, India: an overview and specific examples	Mr. Pritam Chand

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08:00	08:15	2959 New results for Quaternary stratigraphy and paleogeography of Caspian Sea based on Lower Volga sections	Dr. Redzhep Kurbanov
08:15	08:30	2961 Correlation of Quaternary sediments of East European Plain and Caspian Sea region	Dr. Redzhep Kurbanov
08:30	08:45	3572 OSL-based Chronology of Sand Mobilisation in Golestan Province of Northern Iran	Prof. Manfred Frechen
08:45	09:00	4853 Carbon dioxide sequestration due to chemical weathering from the Indian river catchments – a review	Dr. Keshava Balakrishna
09:00	09:15	4127 Overlooked geological and human-historical evidence that sea-level rise will approach or exceed IPCC worst-case scenario, regardless of human action	Dr. Roger Higgs
09:15	09:30	4138 Anthropogenic carbonate deposits: a new tool for environmental studies and archaeology	Dr. Gül Sürmelihindi
09:30	09:45	4171 New data on the structure of Quaternary deposits of Manych depression	Mr. Nikolai Tkach

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10:30	10:45	118 Stable Carbon Isotopic Composition of Black Carbon in Surface Soil as a Proxy for Reconstructing Vegetation in the Northern China	Dr. Lian Liu
11:00	11:15	317 Evaluation of palaeoclimatic variability during Deccan Volcanic Episode: Perceptions from the intrabasaltic palaeosols (bole beds) occurring around Koyanagar area of Maharashtra (India).	Dr. Mohammed Rafi Sayyed
11:15	11:30	334 Paleo beach-ridge complexes, indicator of sea-level changes and climatic fluctuations: A case study from part of the Andhra Pradesh coast, India.	Dr. Rimpal Kar

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14:00	14:15	387 Assessment of climate impacts on the karst-related carbon sink in SW China using MPD and GIS	Mr. Sibozeng Prof. Yongjun Jiang Prof. Zaihua Liu
14:15	14:30	443 Palaeoclimatic imprints revealed from the Deccan intrabasaltic palaeosols from the Lonand area (Satara district) of Maharashtra (India)	Dr. Uday Kulkarni
14:30	14:45	751 Petrographic and Organic Geochemical Evidences of Wildfire from the Middle Permian Coal of North China Basin and its significance for Permian mass extinction	Dr. Yuzhuang Sun
14:45	15:00	1747 Geological relict as the climatic refugia of plants	Dr. Woo-Seok Kong
15:00	15:15	1753 Geochemical characteristics and in-situ Quartz oxygen isotope ratio in a Terra Rossa profile: an unconsolidated paleosol horizon	Dr. Hongbing Ji

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16:00	16:15	3003 Climate Change Evidenced by Paleosol Records in the Kazakhstan Steppe Area	Dr. Jiri Chlachula
16:15	16:30	1792 The difference of the sediment under diverse climate in the north-south part of Bohai Bay Basin in the Eocene	Mr. LiangJun Wu
16:30	16:45	2232 Counting land carbon storage in Guizhou Province, southwestern China	Prof. Jian Ni
16:45	17:00	2670 Climate Change: A reality or a myth? Koa Dunefield case study, Northern Cape, South Africa	Ms. Cindy Faul
17:00	17:15	3383 Geomorphological and Paleopedological Development on Cretaceous Parent Source Rock around Nsukka Southeastern Nigeria.	Dr. Izuchukwu Mike Akaegbobi

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	494 Palaeopedologic investigations from the intrabasaltic bole beds (palaeosols) occurring in the Bopdev ghat section of the Deccan Traps, south of Pune (India): Implications for palaeoclimates during Deccan volcanism.	Dr. Ravindrasing Pardeshi
	3503 Geochemical investigations of Iridium (Ir) and other platinum group elements from the intrabasaltic palaeosols (bole beds), associated basalts and soils from the Deccan Traps of Koynanagar region (India).	Dr. Mohammed Rafi Sayyed
	918 Phytolith analysis on the intrabasaltic red boles (palaeosols) and modern soils from the Koynanagar region of Maharashtra (India): Implications for the palaeoclimatic reconstructions.	Dr. Mohammed Rafi Sayyed
	498 Mineral magnetic studies of the intrabasaltic bole beds from the Deccan Volcanic Province (India): Implications to their palaeoenvironmental conditions.	Mr. Irfan Shaikh
	4185 Pedogenic evidence of high precipitation in red paleosols: Maastrichtian of Bauru Group/Brazil	Dr. Francisco Ladeira
	4749 Miocene to Pleistocene distribution of Calcareous Nannofossils and their paleoceanographic significance in the Equatorial Pacific, western Pacific and Atlantic Oceans	Ms. Santi Dwi Pratiwi
	2371 Assemblages and pathways of mineral magnetic and geochemical transformations in Laterites, Paleosols and Red boles from tropical Indian conditions	Dr. Satish Sangode Dr V Kumaravel Dr Dhananjay Meshram
	551 Middle Pleistocene climate changes in the Central Mediterranean as recorded by soil weathering profiles from the archaeological site of Valle Giumentina (Italy)	Dr. Jean-Philippe Degeai
	26 Long-term trophication evolutions responding to changes in climate and ecosystem in Poyang Lake, China	Prof. Ge Yu
	3449 Quantitative analysis of clay mineral assemblages from the intrabasaltic palaeosols (bole beds) occurring in the parts of western Deccan Traps (India): Palaeoenvironmental inferences.	Dr. Mohammed Rafi Sayyed

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08:00	08:15	3691 Geochemistry of Himalayan Foreland Sediments using Soil Chemistry as proxy: Constrain on Provenance	Dr. Dhiraj Banerjee
08:15	08:30	3816 Neogene Environments – Key to the Future?	Dr. Peter Smolka
08:30	08:45	4370 Organic carbon isotope and molecular fossil records of vegetation evolution in central Loess Plateau since the late Quaternary	Dr. Bin Zhou
08:45	09:00	4462 Collapse of the African Surface across the Congo Basin surges the strontium isotope budget of the Cenozoic Ocean	Dr. Bastien Linol
09:00	09:15	4546 Carbon capture in man made strata	Prof. David Manning
09:15	09:30	5290 Multi-proxies study of the Hanon paleo-maar sediment, Jeju Island, Korea: implications for paleoclimate variability over the last 35 kyrs	Dr. Sangmin Hyun

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10:30	10:45	432 Geomorphological evolution of Satluj valley in the climatic sensitive tract between Rampur and Luhree, Himachal Himalaya, India during Late Quaternary	Mr. S. A. I. Mujtaba
10:45	11:00	441 Dating of moraines by lichenometry in Hamtah glacier valley, Lahual and Spiti district, Himachal Pradesh, India: Retreat of Himalayan glacier during Little Ice Age (LIA).	Mr. Abhinandan Srivastav
11:00	11:15	842 Krol Carbonates of the Mussoorie Syncline, Lesser Himalaya, India with reference to Paleoclimate and Geotechnical Study of the Surbhi Landslide	Prof. Vinod Tewari
11:15	11:30	843 Climate Change : Impact on Himalaya, Melting of Glaciers, Associated Natural Disasters and Mitigation	Prof. Vinod Tewari

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14:00	14:15	845 Paleozoic Paleoclimate of the Himalaya and the Global Climate Change.	Prof. Vinod Tewari
14:15	14:30	1540 Sedimentary and dendrochronological records of environmental change and rainfall variability, Southwest Madagascar	Mrs. Estelle Razanatsoa
14:30	14:45	1542 Holocene glaciations in southern aspect of Central Himalaya: A case study of Dunagiri valley (Bangni glacier), Central Himalaya, India	Dr. Sarswati Prakash Sati

Times		Paper # Title	Speaker
16:00	16:15	143 Significance of Speleothems in Paleoclimate change , Intensity of Tropical Monsoon , Inter Tropical Convergence Zone and Geomicrobiological process : Evidences from the Himalayan and Asian caves	Prof. Vinod Tewari
16:15	16:30	437 Planktonic foraminifer record of a stronger Indian winter monsoon during the Last Glacial period in a deep sea core from the equatorial Indian Ocean	Mr. SUBHRADEEP DAS Mr. SANJEEV RAGHAV
16:30	16:45	464 Late Quaternary abrupt cooling events in the eastern Bay of Bengal and its bearing on Indian summer monsoon evolution	Mr. Sanjeev Raghav
16:45	17:00	648 Subannual-to-biannual-resolved record of Indian Summer Monsoon intensity in the early Holocene recorded by a travertine at the eastern edge of Tibetan Plateau	Dr. Hailong Sun
17:00	17:15	943 Paleoclimate Record from Speleothem : Carbon and Oxygen isotope variation in a stalagmite from the Sahastradhara cave, Uttarakhand Lesser Himalaya, India	Professor Vinod Tewari

Times	Paper # Title	Speaker
	5335 Seasonal and inter-annual variability in drip water and environmental parameters of Kaite Cave, N Spain: implications for paleoclimate reconstructions	Dr. Maria J. Turrero
	3167 Shilin Stone Forests, Yunnan, China	Dr. Martin Knez
	887 Study on limestone horizontal corrosive grooves in karst depressions	Prof. Yuhui LI

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10:30	10:45	1052 Assessment of the cave environments appropriate for the reconstruction of the Quaternary settings in Croatia – speleothem-based approach	Dr. Maša Surić
10:45	11:00	1192 Speleothems and Past Climate Record from Himalaya and Meghalaya, India	Prof. Vinod Tewari
11:15	11:30	4042 Onset and duration of transitions into Greenland Interstadials 15.2 and 14 in northern China constrained by an annually laminated stalagmite	Dr. Wuhui Duan
11:30	11:45	4044 Circulation effect of $\delta^{18}\text{O}$ in precipitation and its implication for paleoclimate	Dr. Tan Ming
11:45	12:00	4337 Relationship between $\delta^{13}\text{C}$ of shell aragonite in terrestrial snails and local climate of the East-Asian summer monsoon region	Dr. Xuefen Sheng

Times		Paper # Title	Speaker
14:00	14:15	1021 Holocene climate change in SW India - a multi proxy study using coastal sediments as an archive	Dr. Damodharan Padmalal
14:15	14:30	2089 Chemical weathering in the tropical river catchments of Western Ghats and its implications on climate change- a case study from a tropical river in southwest coast of India	Dr K. Balakrishna

Times	Paper # Title	Speaker
	4811 Paleoclimatology study in Kanibarazan Wetland (south of Lake Urmia)	Ms. Bita Mirzapour
	3904 Modern Facies Change: Replacement of Corals By Crustose Coralline Algae and Rhodoids in Reefs Near La Parguera and Isla de Mona, Puerto Rico	Ms. Karin Abrahamsson
	3619 Comparative Impact of Solar Insolation and the Indo-Pacific Warm Pool Temperature on the East Asia Summer Monsoon During the MIS-13 Interglacial	Dr. Umesh Kumar Singh

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08:00	08:15	3382 Upper Pleistocene Palaeoclimate and Palaeoenvironmental evolution of Kivu	Dr. Chantal K. Nzabandora
08:15	08:30	3611 Magnetic susceptibility as a proxy for paleorainfall: New data from Hirekolale lake sediments, Southern India	Dr. Rajashekaraiah Shankar
08:30	08:45	4077 Landscape Evolution of Kachchh palaeo-rift basin, Western India: Quaternary Climate and Tectonic Odyssey	Dr. Mahesh Thakkar
08:45	09:00	4168 Holocene mangrove ecosystem dynamics of the Chilka Lagoon, Mahanadi Delta, India	Dr. Shilpa Pandey

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10:30	10:45	4294 Abrupt productivity shift recorded during early-middle Holocene, in the NE Arabian Sea	Mr. Syed Azharuddin
10:45	11:00	4388 Reconstructing the surface water condition of southeast Atlantic ocean for last 1.8Ma using Planktic foraminifera census and stable carbon and oxygen isotope record	Mr. Ankush Shrivastava

Times		Paper # Title	Speaker
14:00	14:15	4675 Geochemistry and ^{10}Be analysis of sediments from Svalbard, Arctic Ocean: A proxy for climate change	Dr. Pankaj Kumar
14:15	14:30	4733 Chronology of relict lake deposits in the upper Alakananda basin: Implication to paleoclimate and variability of chemical weathering intensity	Dr. JITENDRA KUMAR PATTANAI
14:30	14:45	4751 Re-visiting the <i>Globigerinoides ruber</i> $\delta^{18}\text{O}$ salinity temperature relationship in the Indian Ocean	Dr. Rajeev Saraswat