

Abstract Number	Theme	Title of Abstract	Author(s)	Affiliation	Station	Corresponding / Presenting Author	Email Id of Corresponding Author	Country	Type of Presentation
1001	1. Safe and sustainable infrastructure development	Importance of Foundation Geological map of major structures of any Hydroelectric Project - A case study from Himalaya	Indrani Chakrabarty, Bhama Pokshak Rawat	Geological Survey of India	Kolkata	Mr. Indrani Chakrabarty	cindran09@gmail.com	India	Oral
1002	1. Safe and sustainable infrastructure development	Influence of Pale and Neo tectonics on underground construction sites	D. S. Subrahmanyam	National Institute of Rock Mechanics	Bangalore	Dr. D. S. Subrahmanyam	subba326@gmail.com	India	Oral
1003	1. Safe and sustainable infrastructure development	Development of cracks and ground subsidence in Chota Raoulgar village, Purba Medinipur District, West Bengal - a deep concern associated with excessive exploitation of groundwater	K.S.Gupta, D. Bhattacharya	Geological Survey of India	Kolkata	Mr. K.S.Gupta	suryakalyans@gmail.com	India	Oral
1004	1. Safe and sustainable infrastructure development	Occurrence of sub-vertical and sub-horizontal joints detrimental to tunnel stability - A case study from Chibhalga Irrigation project, Odisha	Debasis Mohanty, Sagar Mohanty	Government of Odisha	Bhubaneswar	Mr. Debasis Mohanty	debasim11@gmail.com	India	Oral
1005	1. Safe and sustainable infrastructure development	Problem of construction of tunnel along a deep cutting reach of Bengal Left Bank Canal Project, Jajpur District, Odisha	Jaydip Mukherjee, R.C.Munda, Debaprasad Sahoo	Geological Survey of India, Eastern Region, State Unit, Odisha, Bhubaneswar.	Jaipur	Mr. Jaydip Mukherjee	jaydip_mukherjee123@yahoo.com	India	Poster
1006	1. Safe and sustainable infrastructure development	Critical wedges identification and their stabilization in underground Tunnel - A case study of Ramamun III HEP	Sanjib Kumar Bhakat, Satish Upadhyay, Rajeev Ranjan and Vibha Kanchal	NTPC Ltd, Ramamun III HEP, Durgajpet, West Bengal	Darjeeling	Mr. Sanjib Kumar Bhakat	skbhakat@npsc.co.in, bhakat.sk@gmail.com	India	Oral
1007	1. Safe and sustainable infrastructure development	Underground-unlined Crude Oil Storage Storage Cavern Project, Visakhapatnam, Andhra Pradesh, India - Concept, Construction and Challenges	S. K. Mohanty, Florian Krenn, Oskar Sig	L&T Construction Heavy Civil Infrastructure IC, Visakhapatnam, Andhra Pradesh, India;	Visakhapatnam	Mr. S. K. Mohanty	swapan-mohanty@ntccc.com	India	Oral
1008	1. Safe and sustainable infrastructure development	Geological Risk Mitigation Plans and Strategies for Underground Construction Project	Narendra Singh Rama, Swapna Kumar Mohanty	Larsen and Toubro Limited-Heavy Civil Infrastructure IC		Mr. S. K. Mohanty	swapan-mohanty@ntccc.com	India	Poster
1009	1. Safe and sustainable infrastructure development	Remediation of acid mine drainage	Neelam Phougat, Sameer Vyas, U.S.Vijaythi	Central Soil And Materials Research Station	New Delhi	Ms. Neelam Phougat	neelamphougat@yahoo.com	India	Poster
1010	1. Safe and sustainable infrastructure development	Terrain Boundary shear zones and its bearing in Upper Kohli Multipurpose Project, Koraput District, Odisha	Asim Kumar Basu, Jaydip Mukherjee	GSI, Bhubaneswar	Bhubaneswar	Mr. Asim Kumar Basu	ak825@gmail.com	India	Oral
1011	1. Safe and sustainable infrastructure development	Grouting to Arrest Water Seepage and Maximum Hydroelectric Confined Water Storage of Crude Oil Project, Padar, Karnataka, India	S. Shashank, Shekhar, Swapna Kumar Mohanty	L&T Construction Heavy Civil Infrastructure IC, Visakhapatnam, Andhra Pradesh, India;	Visakhapatnam	Mr. S. Shashank	shshank@ntccc.com	India	Poster
1012	1. Safe and sustainable infrastructure development	Review of Quality Control and Design Aspects of Asphalt Concrete Core in Earthen Rock Fill Dam	Satyajit Roy, V. K Jain, Manish Gupta, R Chitra	Central Soil and Materials Research Station, New Delhi-110016	New Delhi	Mr. Satyajit Roy	satyajitcmr@gmail.com	India	Oral
1013	1. Safe and sustainable infrastructure development	Engineering geological evaluation of the large underground stop pool caverns of Kalsbaram III irrigation scheme package-6, Telangana State, India	D.S.Rawat, A.K.Naithani, L.G.Singh, Prasanna Jain, R.N.S. Babu, Padmapa Reddy, P. Akh, Samuel, K. Ravindra Nath	National Institute of Rock Mechanics, Bangalore-560070	Bangalore	Mr. D.S.Rawat	dsrawat.nrm@gmail.com	India	Oral
1014	1. Safe and sustainable infrastructure development	Stability assessment of tunnel portal excavations in varying rock mass and slope geometries	Koushik Pandey, Shantanu Sarkar, Mohd. Shazan, Pankaj Agrawal	CSIR - Central Building Research Institute, Uttaranchal - 247667	Uttarakhand	Mr. Koushik Pandey	koushik@cbri.res.in	India	Oral
1015	1. Safe and sustainable infrastructure development	Overview on engineering geological investigation for power house area of Polavaram Hydroelectric Project (80 x 12 MW), Andhra Pradesh, India	L. G.Singh, A. K. Naithani, Prasanna Jain, D.S. Rawat	National Institute of Rock Mechanics, Bangalore-560070	Bangalore	Mr. L. G.Singh	gopsir@gmail.com	India	Poster
1016	1. Safe and sustainable infrastructure development	Construction stage engineering geological investigations of the foundation of onsite emergency support centre of Kakrapar atomic power project units 1 to 4, Gujarat State, India	Prasanna Jain, A. K. Naithani, L.G.Singh and D.S. Rawat	National Institute of Rock Mechanics, Bangalore - 560070, India	Bangalore	Mr. Prasanna Jain	jinprasa@gmail.com	India	Oral
1017	1. Safe and sustainable infrastructure development	Geotechnical investigation of earth cracks in Runa-II Block, Ama-II Block, Malda District, West Bengal.	Sudipto Nath, Debashish Bhattacharya, A. Roy	Geological Survey of India, State Unit - Bihar	Ranchi	Mr. Sudipto Nath	gsindipto@gmail.com	India	Poster
1018	1. Safe and sustainable infrastructure development	Challenges on foundation evaluation for pre and post dam construction implications on dam performance	Sumanita Bui, Miral Kanti Mukherjee	Department of Applied Geology, Indian Institute of Technology (Indian School of Mines) Dhanbad 826004, INDIA.	Dhanbad	Dr. Miral Kanti Mukherjee	miral_km7@yahoo.co.in	India	Oral
1019	1. Safe and sustainable infrastructure development	An insight developed from the railway alignment project carried out in Himachal Pradesh	Radhakrishnan, S. P. K. Panda	Department of Applied Geology, Indian Institute of Technology (Indian School of Mines) Dhanbad 826004, INDIA.		Mr. Radhakrishnan, S.	radhakrishnan74@gmail.com	India	Poster
1020	1. Safe and sustainable infrastructure development	Reservoir competency study of Kamrup Irrigation Project, Koojar District, Odisha	Debaprasad Sahoo, Baradan Topno, Jaydip Mukherjee	Geological Survey of India, Western Region, Jaipur, Rajasthan.	Bhubaneswar.	Mr. Debaprasad Sahoo	debaprasad_sahoo@gsi.gov.in	India	Poster
1021	1. Safe and sustainable infrastructure development	Challenges & Strategies in construction of Dike embankment in marine foundation	Vinod Maurya	Department of Petroleum Engineering and Geoenvironmenting, Raja Gandhi Institute of Petroleum Technology, India		Mr. Vinod Maurya	vmmaurya@rjpt.ac.in	India	Poster
1022	1. Safe and sustainable infrastructure development	Geoenvironmental investigation using Integrated Geophysical Methods: An Application to geotechnical engineering	Abul Aas, Satish Kumar Sinha	Department of Petroleum Engineering and Geoenvironmenting, Raja Gandhi Institute of Petroleum Technology, India		Mr. Abul Aas	ppg19001@rjpt.ac.in	India	Oral
1023	1. Safe and sustainable infrastructure development	Challenges of developing a railway alignment in outer and lesser western Himalayas.	P.L.Narula, Rajeev Soni, Deepali Saxena & Radhakrishnan S.	Department of Applied Geology, Indian Institute of Technology (Indian School of Mines) Dhanbad 826004, INDIA.		Ms. Deepali Saxena	dsaxena@ambergondia.com	India	Oral
1024	1. Safe and sustainable infrastructure development	Tunnel stability and their geological & non-geological controls: present status and future approach	Jitendra Kumar, Miral Kanti Mukherjee	Department of Applied Geology, Indian Institute of Technology (Indian School of Mines) Dhanbad 826004, INDIA.	Dhanbad	Mr. Jitendra Kumar	jitendra1203@gmail.com	India	Poster
1025	1. Safe and sustainable infrastructure development	Experimental Study of a Laterally Loaded Single Pile in Jointed Rock Mass	Koushik Pandey, Mohitosh Sinha, Jagdish Prasad Sahoo	Indian Institute of Technology Roorkee (IITR), Roorkee - 247 667, India	Kanpur	Mr. Koushik Pandey	kpandey@cc.rr.iiit.ac.in	India	Oral
1026	1. Safe and sustainable infrastructure development	Challenges in the Pre-construction Stage Geotechnical Investigation of Khairat Barrage, Sarakela-Kharwar District, Jharkhand	N.R. Bhattacharjee, D. Bhattacharya,	Geological Survey of India, CHQ,Kolkata, India	Kolkata	Mr. N.R. Bhattacharjee	nrbhattacharjee@gmail.com, n.bhattacharjee@gsi.gov.in	India	Oral
1027	1. Safe and sustainable infrastructure development	Mitigation measure for seepages in the Barua Nagar Lake, Buxa, Uttar Pradesh, India.	Ajay Shankar Pandey, Hemant Kumar and Joyesh Bagchi	Geological Survey of India, SU-UP, Northern Region, Lucknow	Lucknow	Mr. Hemant Kumar	hemant.kumar@gsi.gov.in	India	Poster
1028									
1029	1. Safe and sustainable infrastructure development	Problem of previous foundation of Kamrup Earth Dam, Koojar District, Odisha	Jaydip Mukherjee, Debaprasad Sahoo, Baradan Topno, Dwaipayan Bhattacharya	Geological Survey of India, Eastern Region, State Unit, Odisha, Bhubaneswar	Bhubaneswar	Mr. Jaydip Mukherjee	jaydip_mukherjee123@yahoo.com	India	Poster
1030	1. Safe and sustainable infrastructure development	Stability problem of project road, Balausa Multipurpose Project, Malkangiri District, Odisha	Jaydip Mukherjee, Debaprasad Sahoo, Baradan Topno	Geological Survey of India, Eastern Region, State Unit, Odisha, Bhubaneswar	Bhubaneswar	Mr. Jaydip Mukherjee	jaydip_mukherjee123@yahoo.com	India	Poster
1031	1. Safe and sustainable infrastructure development	Challenges faced during construction at Left Bank of Dooars Tunnel (DT) Outlet Structure, Deonah, High Level Road & Low Level Road in Subarni 2000MW Lower Hydro Electric Project, NDA	Biswajit Das K. K. Barhakar	Soma Enterprise Ltd.		Mr. Biswajit Das	biswajidas@soma.co.in	India	Oral
1032	1. Safe and sustainable infrastructure development	Role of geotechnical investigation for hydropower development in Peninsular India - a case study from Purulia, West Bengal	Sourav Sen, Kavitha S., Sunandan Basu, Tamir Baran Ghoshal	Geological Survey of India, Eastern Region, Kolkata	Kolkata	Mr. Sourav Sen	souravsen@gsi.gov.in	India	Poster
1033	1. Safe and sustainable infrastructure development	Geotechnical appraisal of the proposed tunnels along Koderma-Tilaya New Broad Gauge Railway line, Bihar.	Kavitha S., Prithviraj Maiti, Sunandan Basu, Mayabhat Ghosh, Sastava Bhattacharya	Geological Survey of India, Eastern Region, Kolkata	Kolkata	Ms. Kavitha S.	kav632@gmail.com	India	Poster
1034	1. Safe and sustainable infrastructure development	DPR stage geotechnical investigation of Balson Hydroelectric project, Durgajpet district, West Bengal.	Sastava Bhattacharya	Geological Survey of India, Eastern Region, Kolkata	Kolkata	Ms. Sastava Bhattacharya	sastava.bhattacharya@gmail.com	India	Poster
1035	1. Safe and sustainable infrastructure development	Investigation of Block Topping Failure in Sandstone Cut Slope	Ashutosh Kumbhols, Vibhna HR Pandey, Vikas Yadav	Department of Geology, Bonara's Hindi University, Varanasi (UP), India.	Varanasi	Mr. Ashutosh Kumbhols	ashutosh.gou@bhu.ac.in	India	Oral
1036	1. Safe and sustainable infrastructure development	Ground assessment & Rehabilitation of decade long abandoned Pressure Shaft-Rangit IV HEP, West Sikkim	Sahoo R. N. Rawat Pankaj, Lal S.P, Yadav Sathir	JPCIL (A wholly Owned Subsidiary of NHPC Limited) Sikkim-737121, Sikkim, India	Sikkim	Mr. R. N. Sahoo	radhendra.sahoo@gmail.com	India	Oral
1037	1. Safe and sustainable infrastructure development	Problems faced while driving tunnel below Mumbai city for water supply	P.T. Sinha Roy		Kolkata	Mr. P. T. Sinha Roy	putha_sinhroy@yahoo.co.in	India	Oral
1038	1. Safe and sustainable infrastructure development	Stabilization of Soft Coastal Soil of Manabari Power Project, Bangladesh by Deep Mixing Method	Md. Shakil Mahabub, Md. Raqibul Hassan, A.T.M. Shahavut Hossain	Department of Geological Sciences, Jahangirnagar University, Savar, Dhaka-1342	Dhaka	Mr. Md. Shakil Mahabub	shakilmahabub@gmail.com	Bangladesh	Oral
1039	1. Safe and sustainable infrastructure development	DPR Stage geotechnical investigation of Damanganga-Vairata-Godavari Link Project, Poligar & Nashik districts, Maharashtra.	Anamitra Dey, Jayshah S., Ashish Baragade, D. Chakraborty	Geological Survey of India, Eastern Region, Kolkata	Kolkata	Mr. Anamitra Dey	anamitra.dey@gsi.gov.in	India	Poster
1040	1. Safe and sustainable infrastructure development	Geotechnical Investigations for Underground Power House in Dal Quartzite - A case Study of Dehasti Stage-II HEP (260MW)	Ajay Singh, Sumit Dabral	NHPC Limited, Sector-33, Faridabad-121003, Haryana, India	Faridabad	Mr. Sumit Dabral	dabralsumit@gmail.com	India	Oral
1041	1. Safe and sustainable infrastructure development	Engineering geological evaluation and design support system of draft tube tunnel of Palamuru-Ranga Reddy lift irrigation scheme, package-16 site-A case study	P.Lingaswamy, D.S.Rawat, A.K.Naithani, G.C.Shaik, I. K Rao	RVR Projects, Pvt Ltd, Hyderabad: 500 033	Hyderabad	Mr. P.Lingaswamy	pakalingswamy@gmail.com	India	Poster
1042	1. Safe and sustainable infrastructure development	Construction stage geotechnical studies of tunnel across Zoji-La Pass on Sonamarg-Kargil section of NH-01 in the Union Territories of Jammu & Kashmir and Ladakh.	Mandapalli Raju, Mehraj Ud Din Lone, Bilal Ahmad Mir		Hyderabad	Mr. Mandapalli Raju	geotraj@gmail.com	India	Oral
1043	1. Safe and sustainable infrastructure development	SPT-Based Liquefaction Risk and Shear Strength Behavior of Some Soils of Ukhia, Cox's Bazar, Bangladesh	Datta T., Hossain ATMS, Mahabub M.E., Hossain Md. Sayem, Khatun M., Haque M.E., Imam H., Jafin S.J., Khan, P.A., Bokik R., Hossain M.	Department of Geological Sciences, Jahangirnagar University, Savar, Dhaka-1342.	Dhaka	Mr. T. Datta	dattatanmoy@gmail.com	Bangladesh	Oral
1044	1. Safe and sustainable infrastructure development	Construction stage geotechnical problems of earth dam of Basavapur Balansara Reservoir, Kaleswaram Project, Package-16, Basavapur (V), Bhongir (M), Yadadri Bhiranagar District, Telangana	B. Ajaya Kumar, Bhushan D Kothe, B. Venu Gopala Krishna	Engineering Geology Division, GSI, SR, Hyderabad.	Hyderabad	Mr. B. Ajaya Kumar	b.kumar@gsi.gov.in	India	Poster
1045	1. Safe and sustainable infrastructure development	Construction stage geotechnical problems of the tunnel from Ramappa tank to Dharmasimhan tank, I. Chikka Ran Devalahalli Lift Irrigation Scheme, Phase-III, Package-III, Warangal District, Telangana	Shalendra Kumar Singh, B. Venu Gopala Krishna, B. Ajaya Kumar, S.K. Tipathi	GSI, SR, Hyderabad.	Hyderabad	Mr. Shalendra Kumar Singh	shalendra.singh@gsi.gov.in	India	Poster

1046	1. Safe and sustainable infrastructure development	Problems faced during the construction stage in parts of cut off trench of earth dam of Sri Komaravelli Mallikarjuna Sagar Reservoir, Kaleswaram Project, Siddipet District, Telangana	B. Ajaya Kumar, Bhushan D. Kuthe, S.K. Tripathi	Engineering Geology Division, GSI, SR, Hyderabad.	Hyderabad	Mr. B. Ajaya Kumar	b.kumar@gsi.gov.in	India	Oral
1047	1. Safe and sustainable infrastructure development	Construction stage geotechnical assessment of Rock Mass Quality of Irrigation Tunnel, Package-03, Polavaram Irrigation Project East Godavari District, Andhra Pradesh	B. Ajaya Kumar, Bhushan D. Kuthe, B. Veni Gopala Krishna, S.K. Tripathi	Engineering Geology Division, GSI, SR, Hyderabad.	Hyderabad	Mr. B. Ajaya Kumar	b.kumar@gsi.gov.in	India	Poster
1048	1. Safe and sustainable infrastructure development	Geotechnical assessment of part of cut off trench of earth dam of Utladupur Reservoir near Utladupur village, Jajalcherla Mandal, Mahabubnagar District, Telangana	B. Veni Gopala Krishna, Bhushan Dadaji Kuthe, B. Ajaya Kumar, S.K. Tripathi	Engineering Geology Division, GSI, SR, Hyderabad	Hyderabad	Mr. B. Veni Gopala Krishna	venikrishna@gsi.gov.in	India	Poster
1049	1. Safe and sustainable infrastructure development	Problems faced during Construction Stage Geotechnical Investigation of Pappaloni Baking Reservoir Under Lower Penangala Project, Bhimpenur Mandal, Adilabad District, Telangana	Shaileendra Kumar Singh, B. Veni Gopala Krishna, S.K. Tripathi	GSI, SR, Hyderabad	Hyderabad	Mr. Shaileendra Kumar Singh	shaileendra.singh1@gsi.gov.in	India	Poster
1050	1. Safe and sustainable infrastructure development	Strength improvement of expansive soil treated with site fiber reinforcement.	Devagya Ramani, Abhishek S. Maurya, Anusum Mital	National Institute of Technology Kurukshetra, Kurukshetra Haryana 136118, India	Kurukshetra	Mr. Devagya Ramani	devagya2010@gmail.com	India	Poster
1051	1. Safe and sustainable infrastructure development	Load settlement behaviour of bamboo MAT reinforced sand bed.	Abhishek Singh Maury, Devagya Ramani, Anusum Jain	National Institute of Technology Kurukshetra, Kurukshetra Haryana 136118, India	Kurukshetra	Mr. Abhishek Singh Maury	anusum2896@gmail.com	India	Poster
1052	1. Safe and sustainable infrastructure development	Comparative study of investigations of two mega dams of the sub-continent Tehri Dam, India and the proposed Karti Ganga HEP, Bhutan.	D. P. Dangwal, Ravi S. Chaubey	Geological Survey of India		Mr. D. P. Dangwal	devi.dangwal@gsi.gov.in	India	Oral
1053	1. Safe and sustainable infrastructure development	Ascertaining probable Hazard Scenarios under high cover during excavation of HRTs with TBM in Himalayas Geology at Pakal Dai HE Project (100MW), J&K, India	Sharma Vivek, Gaur S. J.	NHPC Limited, Faridabad	Faridabad	Mr. Vivek Sharma	bhastaryas04@gmail.com sun2001nhpc@gmail.com	India	Oral
1054	1. Safe and sustainable infrastructure development	Geological assessment on the failure of part backlope of the powerhouse, Vysoi HEP, Uttarakhand.	Dharmendra Kumar, Vinay, Neeetu Chauhan	DGCO, GSI, New Delhi	New Delhi	Mr. Dharmendra Kumar	dmandey025@gmail.com	India	Oral
1055	1. Safe and sustainable infrastructure development	Geological and geotechnical evaluation of the proposed site of Song Dam Drinking Water Project, Dehradun, Uttarakhand -A case study	Vinay, Neeetu Chauhan, Dharmendra Kumar	DGCO, GSI, New Delhi	New Delhi	Ms. Vinay	vinay@gsi.gov.in	India	Poster
1056	1. Safe and sustainable infrastructure development	Reservoir rim stability assessment of Vysoi Hydroelectric Project, Dehradun district, Uttarakhand	Neeetu Chauhan, Vinay	DGCO, GSI, New Delhi	New Delhi	Ms. Neeetu Chauhan	neetu.chauhan@gsi.gov.in	India	Poster
1057	1. Safe and sustainable infrastructure development	Seismic site response study in portblair town, Andaman Nicobar Islands, India. A way for risk resiliency of infrastructure.	Bahadur Ram, Rajni, S. Dasgupta, L. H. Moringachia	Eastern Region, GSI Kolkata	Kolkata	Mr. Bahadur Ram	bahadur.ram1@gsi.gov.in	India	Oral
1058	1. Safe and sustainable infrastructure development	Post construction foundation treatment at Bhimsagar dam, district Bilawal, Rajasthan	V K Kasliwal		Jaipur	Mr. V K Kasliwal	vkksliwal@hotmail.com	India	Oral
1059	1. Safe and sustainable infrastructure development	Construction stage Geotechnical investigations for the design of Weirs and appurtenant structures, Kollimahi HEP, Namakkal District, Tamil Nadu	Asrar Ahmed, A. Gaurav Chand, Vivek Kumar Singh, Navind, K	GSI, SU/INP, SR, Chennai	Chennai	Mr. Asrar Ahmed	asrar.ahmed@gsi.gov.in	India	Poster
1060	1. Safe and sustainable infrastructure development	Geo investigation/ Tunneling Through Clay Rock Formation in middle upper Sivajik group of rocks at outer boundary of Himalayas Region. A case history of 2.79 km long road transport tunnel, Located in Jammu and Kashmir, India	Sweetsh Singh, D.C. Tripathi, Kaitwara Rao-Kasumuri	M/s ALITNOR India Ltd, New Delhi	New Delhi	Mr. D. C. Tripathi	tripathi.dc@gmail.com	India	Oral
2001	2. Technological advancements in investigation and monitoring	Seismic Tomography between exploratory drifts for dam projects.	Sanjay Rana, Ashutosh Kashik, Bhaskar Chendhoor	PARSAN Overseas (Pvt) Limited		Mr. Sanjay Rana	sanjay@parsan.biz	India	Oral
2002	2. Technological advancements in investigation and monitoring	Comparative study of factor of safety of tunnel segment by adding macro synthetic fibre using sensors.	Prajakta N Kenjale	School of Civil Engineering, MIT world Peace University	Pune	Mr. Prajakta N Kenjale	kenjaleprajakta95@gmail.com	India	Oral
2003	2. Technological advancements in investigation and monitoring	Inflatable (Rubber) dam across Phalga River, near Vishnupad temple, District Gaya, Bihar. A Geotechnical perspective.	V.K.Sharma	Water Resources Department, Jabansudhan Bhawan, A-Block, Room No.-14, Anisabad, Patna, Bihar.	Patna	Dr. V.K.Sharma	vksharma_gsi@yahoo.co.in	India	Oral
2004	2. Technological advancements in investigation and monitoring	Stability assessment, material analysis and design of hydropower tunnel – a case study.	Pranali Sanjay Sahaske, Rahul Joshi, Rajib Sthirapar	PG student, School of Civil Engineering, MIT world Peace University, Pune	Pune	Ms. Pranali Sanjay Sahaske	sahaskepranali1998@gmail.com	India	Poster
2005	2. Technological advancements in investigation and monitoring	A comprehensive review on the recent development of non-destructive empirical techniques in estimating geo-mechanical properties of shales	Driyanshoo Singh, Hemant Kumar Singh	Department of Petroleum Engineering and Geoprocessing, Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi-229304, U.P., India	Amethi	Mr. Driyanshoo Singh	driyanshoo@ript.ac.in	India	Oral
2006	2. Technological advancements in investigation and monitoring	Numerical stability analysis of a jointed rock slope in the Sikka Himalaya	Shubham Chaudhary, Sumit Das, Anindya Pan, Shantanu Sarkar	Geotechnical Engineering Group, CSIR-Central Building Research Institute (CBRI), Roorkee, India; Academy of Scientific and Innovative Research (AcSIR), Ghaziabad- 201 002, India	Ghaziabad	Mr. Shubham Chaudhary	shubhamsge7@gmail.com	India	Oral
2007	2. Technological advancements in investigation and monitoring	The role of Geophysical techniques in enhancing mine planning decision making for open cast quarry in basaltic terrain.	S.N.Patil, B.D.Patil, A.K.Kadun, N.S.Patil	School of Environmental and Earth Sciences, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, Maharashtra (India) 425001	Jalgaon	Mr. B.D.Patil	bhavedipatil143143@gmail.com	India	Oral
2008	2. Technological advancements in investigation and monitoring	Reduce Time & Cost Overrun using Geotechnical Investigation during Survey & Investigation Stage of Hydro Power Projects, Lohri Stage - II (172MW), SJVN Ltd., Himachal Pradesh	Sushil Sharma, Akshay Acharya, A.K. Pandey, Naveen Kumar Kanyan	Geology Department, SJVN Limited, Shimla	Shimla	Mr. Naveen Kumar Kanyan	corporategology@sjvn.nic.in, naveenkanyan@gmail.com	India	Oral
2009	2. Technological advancements in investigation and monitoring	Shear Strength Behaviour of Weak Rock Mass	D.V. Sarwade, Senthil P., K.K. Mishra, Pankaj Kumar and Hari Dev	Central soil and Materials Research Station, New Delhi	New Delhi	Mr. D.V. Sarwade	sarwade77@gmail.com	India	Poster
2010	2. Technological advancements in investigation and monitoring	Evaluation of Unray Block Punch Index Model Efficacy in Predicting Uniaxial Compressive Strength of Anisotropic Rocks	Kumar Nilankar, Hemant Kumar Singh	Department of Petroleum Engineering & Geoprocessing, Rajiv Gandhi Institute of Petroleum Technology Jais, 229304, Amethi, U.P., India	Amethi	Mr. Kumar Nilankar	kumarni@ript.ac.in	India	Poster
2011	2. Technological advancements in investigation and monitoring	Utilization of Geotechnical studies and Electrical Resistivity Tomography for Soil characterization and Foundation Engineering	Abul Aas, Satish Kumar Sinha	Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi, India	Amethi	Mr. Abul Aas	abulaa@space@gmail.com, satish@ript.ac.in	India	Oral
2012	2. Technological advancements in investigation and monitoring	Seismic activities in Pagar area of Maharashtra in the western part of Deccan Volcanic Province	S. K. Bhattacharyya, A. K. Joshi, O. P. Singh	Central Head Quarter, Geological Survey of India	Kolkata	Dr. S. K. Bhattacharyya	sanjeevkr.bhattacharyya@gsi.gov.in	India	Oral
2013	2. Technological advancements in investigation and monitoring	Assessment of sub surface water storage potential zone using geophysical and AHP technique in alluvial plain, North Maharashtra Region, India.	Ajaykumar K. Kadam, S. N. Patil, V. M. Wagh, Bhawesh D. Patil, Nikhil S. Patil	School of Environmental and Earth Sciences, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, Maharashtra, India-425001	Jalgaon	Mr. Ajaykumar K. Kadam	kadamajaykumar1@gmail.com	India	Poster
2014	2. Technological advancements in investigation and monitoring	Evaluation of Bond Strength between Rock surface and Sprayed Concrete	Narendra Kumar Singh Tomar, Nitesh Kumar Rai	Larsen & Toubro Limited (L&T)		Mr. Narendra Kumar Singh Tomar	tomar.nks@gmail.com	India	Oral
2015	2. Technological advancements in investigation and monitoring	Measurement of hoop stress on Wye section during internal hydrostatic loading. Case history	B. K. Gupta	SJVNL, Shimla	Shimla	Mr. B. K. Gupta	bkgp@retidffmail.com	India	Oral
2016	2. Technological advancements in investigation and monitoring	Vegetation as a constrain in landslide change detection using multi-temporal LiDAR data	Megostheo Chaste, P.K. Theophilus, A.K. Mishra	Geohazards Research & Management Centre, Geological Survey of India, Kolkata-700091.	Kolkata	Mr. Megostheo Chaste	megochaste@gmail.com	India	Poster
2017	2. Technological advancements in investigation and monitoring	Strategizing Hydropower Generation in Meghalaya-evaluation of neotectonic decreasers	K. Nath, D. Gogoi, B. N. Mahanta, S. Hazret, T. K. Gowami, R. K. Sarma	Geological Survey of India, North Eastern Region, Shillong-793003, Meghalaya	Shillong	Mr. K. Nath	krishnam.nath@gsi.gov.in	India	Poster
2018	2. Technological advancements in investigation and monitoring	Prognosis and management of water ingress hazard in mined rock caverns for hydrocarbon storage	Saikant Pal, Abul Umani, Debashish Bhawan, Payan Chakravorty	Engineers India Limited.	New Delhi	Mr. Saikant Pal	sandyshpc@gmail.com	India	Oral
2019	2. Technological advancements in investigation and monitoring	Assessment of in-situ rockmass properties utilizing cross-hole seismic tomography.	S. L. Kapil Vipul Nagar	NHPC Limited, Sector-33, Faridabad - 121003, Haryana (India)	Faridabad	Mr. S. L. Kapil	shyamkapil@gmail.com	India	Oral
2020	2. Technological advancements in investigation and monitoring	Underground Hydraulic conductivity measurements in underground structures importance and new developments.	Sweetsh Singh D.C. Tripathi Koteswara Rao-Kasumuri	CSC construction PVT.LTD, Himalayan Geology projects	New Delhi	Mr. Koteswara Rao-Kasumuri	loteskh14@gmail.com	India	Oral
2021	2. Technological advancements in investigation and monitoring	Resistivity imaging technology for delineation of different structural geological features.	Shweta, Vipul Nagar, Naveen Pandey	NHPC Limited, Sector-33, Faridabad - 121003, Haryana (India)	Faridabad	Ms. Shweta	shweta@nhpc.nic.in	India	Poster
2022	2. Technological advancements in investigation and monitoring	Assessment of health parameters for underground structures to evaluate the rockmass behavior	Narendra Kumar Singh Tomar			Mr. Narendra Kumar Singh Tomar	tomar.nks@gmail.com	India	Poster
2023	2. Technological advancements in investigation and monitoring	GeoTools-3DLog- An App for estimating weak rock spans along tunnels and for much more.	Yogendra Deva, Gurpal Dhawan, Megha Patwardhan	DDAG Private Limited		Mr. Yogendra Deva	yogendra@ddag.com	India	Oral
2024	2. Technological advancements in investigation and monitoring	High-accuracy long-range seismic prediction during tunnel construction phase using TSP and correlation with geotechnical/geomechanical calculations using I-System. A recommended prediction technique in (I)-TM	Kripal Choudhary, H Bineshan	Amberg Engineering AG		Mr. Kripal Choudhary	kchoudhary@ambergindia.com	India	Oral
2025	2. Technological advancements in investigation and monitoring	Normal and Shear Stiffness from Field Direct Shear Test	Senthil P, D.V. Sarwade; K.K. Mishra, Hari Dev	Central soil and Materials Research Station, New Delhi	New Delhi	Mr. Senthil P	senthil.senrv@gmail.com	India	Oral
2026	2. Technological advancements in investigation and monitoring	Geotechnical Instrumentation and Monitoring of Excavation of Underground Power House Caverns of Manjula Hydro-Electric Project	Mishra, A.K., Panetha, P.	MHPA	Bhutan	Mr. A.K. Mishra	nd.mishra@gmail.com	India	Oral
2027	2. Technological advancements in investigation and monitoring	Mechanical Behaviour of Carbonaceous Rocks from Lesser Himalayan Region	P.S.K.Murthy, Dharendra Kumar, Mahabir Dutt	CSMRS	New Delhi	Mr. P.S.K.Murthy	psmukh@nic.in	India	Poster
2028	2. Technological advancements in investigation and monitoring	An Overview of the Success in Resolving the Years-Long Problem of USBR/LP-T01 Tunnel in Himalayas' MBT within the RT Zone by Employing I-System and (I)-TM	S.Mahi, H. Bineshan, S. Gupta, R.K Hegde	Amberg Engineering AG		Mr. H. Bineshan	D@Bineshan@outlook.com	India	Oral

3.001	3. Geohazards and disaster risk reduction	Catastrophic rockslides in the upper reaches of the Bhadrachal River valley: their past and future	Alexander Strom	Geodynamics Research Center - branch of JSC "Hydroproject Institute", Moscow, Russia	Moscow	Mr. Alexander Strom	strom.alexandr@yandex.ru	Russia	Oral
3.002	3. Geohazards and disaster risk reduction	6 th July 1988 Nims Peak Landslide, Nainital, Uttarakhand: Reminiscences	Girish Chandra Kundpal	12/124 Vikas Nagar, Lucknow, PIN 226022	Lucknow	Dr. Girish Chandra Kundpal	gckundpal9@gmail.com	India	Oral
3.003	3. Geohazards and disaster risk reduction	Assessment of the various slope stabilization initiatives undertaken along the pathways of Shi Mata Vaishno Devi of Jammu and Kashmir Himalaya, India	A.K. Naithani, P.C. Nawani	National Institute of Rock Mechanics, Bengaluru - 560 070, India	Bangalore	Dr. A.K. Naithani	anaithani@gmail.com	India	Oral
3.004	3. Geohazards and disaster risk reduction	Geological ones from frequent earth tremors in Dakshin Kannada: Kodaga border areas of Southern Karnataka, India.	R. Sajeve, Rahul V	Engineering Geology & Landslide Division, State Unit: Karataka & Goa, GSI, Bengaluru-560 111.	Bengaluru	Mr. R. Sajeve	rsajeve.gsi@gmail.com	India	Poster
3.005	3. Geohazards and disaster risk reduction	Relationship between Structural Damage zone and Rock mass Classification for Natural slope stability-Hardya Nala Landslide, Inner Kumaon Lesser Himalaya, Uttarakhand, India	Priya Joshi, Mohit Kumar Panuja, Plumber Datt Pant, Rajeev Upthayya	Department of Geology, Kumaun University Nainital, Uttarakhand India (263002)	Uttarakhand	Ms. Priya Joshi	joshi.2priya@gmail.com	India	Poster
3.006	3. Geohazards and disaster risk reduction	Hysteretic Dumping of Sands under Cyclic Loading and Its relation to Shear Modulus by Cyclic Simple Shear Test	Uday Bhanu Chakraborty, Suresh Maurya, N. P. Honkandavara	Central Soil and Materials Station, New Delhi-110022		Mr. Uday Bhanu Chakraborty	ubchakraborty3@gmail.com	India	Poster
3.007	3. Geohazards and disaster risk reduction	Stability analysis of laterite soil-slopes exposed near Rajapuri village, Mahabulnagar, Maharashtra, India using limit equilibrium approach	Bhushan D Kathe, Saikat Roy, Prakash K. Gajbhiye	Geological Survey of India, State Unit: Maharashtra, Pune	Pune	Mr. Bhushan D Kathe	bhushan.kathe@gsi.gov.in	India	Poster
3.008	3. Geohazards and disaster risk reduction	Understanding the effect of discontinuities on the slope instability along NH-03, Himachal Pradesh, India	Prateek Sharma, Rajesh Singh, Rahul Kumar Verma, Kumar Pranshu Mishra	Rock Science and Rock Engineering Laboratory, Department of Geology, University of Lucknow, Lucknow - 226007	Lucknow	Mr. Prateek Sharma	prateeksharmarishi@gmail.com	India	Poster
3.009	3. Geohazards and disaster risk reduction	Effect of water content, initial volume, and grain size distribution on debris flow runoff and deposition: an experimental study.	Rajesh Kumar Dash, Manoj Samanta, Debi Prasanna Kumanan	Geo Hazard Risk Reduction Group (GHRG), CSIR-Central Building Research Institute, Roorkee - 247 667, Uttarakhand, India	Ghaziabad	Mr. Rajesh Kumar Dash	rajesh.gbr2@gmail.com	India	Oral
3.010	3. Geohazards and disaster risk reduction	Terrain Specific Conditions Factors for Landslides in Western Maharashtra	Prakash K. Gajbhiye	Geological Survey of India, Pune	Pune	Mr. Prakash K. Gajbhiye	pk-gajbhiye@vsnl.com	India	Oral
3.011	3. Geohazards and disaster risk reduction	Preliminary Slope Stability Appraisal of landslides in Amalgam Hill, Jaipur, Rajasthan- a serious concern for the adjacent densely populated area	P.K. Sharma, Mohd. Ahmad, Debasish Bhattacharya	Geological Survey of India, Western Region, Jaipur, Rajasthan,	Jaipur	Mr. Mohd. Ahmad	mohammad.ahmad@gsi.gov.in	India	Poster
3.012	3. Geohazards and disaster risk reduction	Landslides and slope stability assessment on Tarku-Tan mountains (Eastern Caucasus, Russia)	O.V. Zerkal, I.V. Averin, I.K. Fomenko, D.D. Shubina	Department of Geology, Moscow State University, Russia	Moscow	Mr. O.V. Zerkal	ifolga@gmail.com	Moscow	Oral
3.013	3. Geohazards and disaster risk reduction	Landslide evaluation on the Planetary Bodies with special reference to the Earth	Pranshu Mishra, Rajesh Singh	Department of Geology, University of Lucknow, Lucknow-226007, Uttar Pradesh, India	Lucknow	Mr. Pranshu Mishra	mishrapranshu152@gmail.com	India	Poster
3.014	3. Geohazards and disaster risk reduction	Slope Mass Rating (SMR) of the vulnerable slopes near Khama, Uttarakhand, India	Rahul Kumar Verma, Rajesh Singh, Prateek Sharma, Pranshu Mishra	Department of Geology, University of Lucknow, Lucknow-226007, Uttar Pradesh, India	Lucknow	Mr. Rahul Kumar Verma	grrahul9@gmail.com	India	Poster
3.015	3. Geohazards and disaster risk reduction	Assessment of Road-cut slope stability as a function of geo-mechanical slope mass category, rock microstructure and geomorphic indices of ongoing tectonic activity. An example from Dhruva-Uttarakhand roadway (NH-100) section, Uttarakhand, Northern India.	Minral Kanti Mukherjee	Department of Applied Geology, Indian Institute of Technology (Indian School of Mines), Dhanbad-826004, INDIA	Dhanbad	Dr. Minral Kanti Mukherjee	minral_km7@yahoo.co.in	India	Oral
3.016	3. Geohazards and disaster risk reduction	Seismic hazard microzonation study in and around Kalyan, Dahanu and Badliar area, Maharashtra.	Bhupesh B. Urkude, Harshraj L. Wankhade, D. Chakraborty	EGO Division GSI, CR, Nagpur	Nagpur	Mr. Bhupesh B. Urkude	bhupesh.arkude@gsi.gov.in	India	Poster
3.017	3. Geohazards and disaster risk reduction	Review of trigger thresholds for landslides in tropical residual soil	Nikhil Nedunpallie Vasu, Vanessa Banks, Christian Archibald, Madi Munson, Audrey Ongler-Simonin	British Geological Survey, Keyworth, UK	Keyworth	Mr. Nikhil Nedunpallie Vasu	nkedn@bgs.ac.uk	United Kingdom	Oral
3.018	3. Geohazards and disaster risk reduction	Mapping Earthquake Induced Ground Rupture through Interferometric Synthetic Aperture Radar (InSAR): A case study of the 22nd June 2012 Alghoian earthquake (Mw 5.9)	Snehasis Bhattacharya, Mrinmoy Kumar Das and Soumitra Dasgupta	Geological Survey of India Central Headquarters, Geohazards Research & Management (GHRM) Centre, Kolkata	Kolkata	Mr. Snehasis Bhattacharya	snehasis.bhattacharya@gsi.gov.in	India	Poster
3.019	3. Geohazards and disaster risk reduction	Classification of slope forming mass along the proposed cut between Gollera and Pirota, Chakradharpur Division, SI Raibary, Jharkhand.	Debasish Bhattacharya, Sudipto Nath and N.R. Bhattacharjee	Geological Survey of India, CHQ, Kolkata	Kolkata	Mr. Debasish Bhattacharya	67bhata@gmail.com	India	Oral
3.020	3. Geohazards and disaster risk reduction	Stability analysis of rock slopes along Manali Marhi road corridor using Kinematic Analysis and Rock Mass Classification	Jim Mandai, Kundan D. Rangari, Prashant T. Bankar	Engineering Geology Division, GSI Chandigarh	Chandigarh	Ms. Jima Mandai	jima.mandai@gsi.gov.in	India	Poster
3.021	3. Geohazards and disaster risk reduction	Bank Erosion in the largest inhabited river island Majuli: Neotectonic factors for protection strategies	Asmita, Manmohan P. Kashyap, Bab	North Eastern Region, Geological Survey of India, Shillong-6	Shillong	Mr. Babshab N. Mahanta	bn.mahanta@gsi.gov.in	India	Oral
3.022	3. Geohazards and disaster risk reduction	Study on Implementable Remedial Measure for Landslide due to Climate Change and Anthropogenic Activities	Joyita Golder, Koushik Shankhary & Capinath Bhandari	Department of Civil Engineering, Jadavpur University, Kolkata	Kolkata	Ms. Joyita Golder	joyitag.civil.20@jadavpuruniversity.in	India	Oral
3.023	3. Geohazards and disaster risk reduction	A simple, quasi-quantitative approach for rapid landslide risk assessment to support regional landslide forecast in India	Gargi Singh, Sumit Kumar	Landslide studies Division, GHRM Centre, Geological Survey of India, Kolkata	Kolkata	Ms. Gargi Singh	gargi.singh@gsi.gov.in	India	Oral
3.024	3. Geohazards and disaster risk reduction	Assessing the Landslide susceptibility of the Shi Amarnath Yatra route corridor along Pahalgam-Poshpuri track, Anantnag District, Jammu and Kashmir	Mohd. Ibrahim, Abhil Q. Paul, Harish Bahuguna	Geological Survey of India, UT, J&K, UT: Ladakh, Jammu	Jammu	Mr. Mohd. Ibrahim	mohd.ibrahim@gsi.gov.in	India	Oral
3.025	3. Geohazards and disaster risk reduction	Domain based meso-scale landslide susceptibility zonation with special emphasis on landslide management map: A case study from Darjeeling Himalaya.	Sumandan Basu, Saman Saha, Prithwiraj Maht, Timir Baran Ghoshal	Geological Survey of India, Eastern Region, Kolkata	Kolkata	Mr. Sumandan Basu	sumandan.basu@gsi.gov.in	India	Oral
3.026	3. Geohazards and disaster risk reduction	Site-specific geological and geotechnical investigation of Landslide incidences along road cut slopes from Dobras to Peera road section, Jammu-Stragpur National Highway, District Ramban, Jammu and Kashmir	Varun Mandotra, Parveen Kumar	Geological Survey of India, NER, Shillong, India	Shillong	Mr. Varun Mandotra	varun.mandotra@gsi.gov.in	India	Poster
3.027	3. Geohazards and disaster risk reduction	Slope instability Management around Batote town, District Ramban, Jammu and Kashmir	Abhil Qayoom Paul, Pankaj Kumar, Ajay Kumar	Geological Survey of India, UT, J&K, UT: Ladakh, Jammu	Jammu	Mr. Abhil Qayoom Paul	abhil.paul@gsi.gov.in	India	Poster
3.028	3. Geohazards and disaster risk reduction	Impact of rock mass characteristics in inducing slope instability/subsidence along Namoi to Dhani road, Block Panchber, District Udhampur, Jammu and Kashmir.	Parveen Kumar, Intran Khan, Harish Bahuguna	Geological Survey of India, SI: Jammu Kashmir (UT) and Ladakh (UT), Jammu -180006, India	Jammu	Mr. Parveen Kumar	parveen.kumar@gsi.gov.in	India	Poster
3.029									
3.030	3. Geohazards and disaster risk reduction	Influence of topography on landslide occurrence in and around Kodikandali hills, Dindigul District, Tamil Nadu	Sovvik Acharya, Balaj B	GHRM Centre, Central Headquarters, Geological Survey of India, Kolkata - 700091	Kolkata	Mr. Sovvik Acharya	sovik.acharya@gsi.gov.in	India	Poster
3.031	3. Geohazards and disaster risk reduction	Post-disaster Assessment of Catastrophic Karicholamudi Landslide in Kerala, India	Suhil, N.I., Vishnu, C.S., Archana, K.G., Praveen, K.R., Theekap Kumar, N.	Geological Survey of India, State Unit Chattisgarh, Raipur	Raipur	Mr. Vishnu, C.S	vishnuvisal@gmail.com	India	Poster
3.032	3. Geohazards and disaster risk reduction	Stress studies with special reference to coal mine planning	D.N.Sharma	Exploration Divn., The Singareni Collieries Company Ltd. Kothagudem-507101	Kothagudem	Mr. D.N.Sharma	dsh_sharma@yahoo.co.in	India	Oral
3.033	3. Geohazards and disaster risk reduction	A Qualitative approach in landslide susceptibility along Gaucha-Nandprayag road, Chamoli district, Uttarakhand	Ritu Chauhan, Sandeep Sharma, M.K. Kaistha	Geological Survey of India	Dehradun	Ms. Ritu Chauhan	chauhanritu29@gmail.com	India	Poster
3.034	3. Geohazards and disaster risk reduction	Factors influencing the design seismic coefficient of Shalpurkandi Dam Project, district Panchthar, Punjab, India	Prashant Tukaram Bamkar, Jim Mandai	Engineering Geology Division, GSI, SU, P, H & HP, Chandigarh	Chandigarh	Mr. Prashant Tukaram Bamkar	p.bamkar1@gmail.com	India	Poster
3.035	3. Geohazards and disaster risk reduction	Reactivation of an Old Landslide Zone at Pyskul in the Higher Himalayan Zone of Jammu and Kashmir: Caveat for the Future Planning	Intran Khan, Harish Bahuguna	Geological Survey of India, SI: Jammu Kashmir (UT) and Ladakh (UT), Jammu -180006, India	Jammu	Mr. Intran Khan	intran.khan@gsi.gov.in	India	Oral
3.036	3. Geohazards and disaster risk reduction	Geological and geotechnical of Kullgarh-Dhabhala Landslide, Kishtwar district, UT: Jammu and Kashmir, Jammu.	Tarsum Kumar, Harish Bahuguna,	SU: Arunachal Pradesh, Itanagar	Itanagar	Mr. Tarsum Kumar	tarsumkumar@gmail.com	India	Poster
3.037	3. Geohazards and disaster risk reduction	Landslide hazard studies using biostatistical method in the Geocretions of Chambs Township, Northwestern Himalayas.	Wangshirala Orankum, Manisha Biswal, Anil Kohli	Geological Survey of India, Chandigarh-160020 (U.T.), India	Chandigarh	Mr. Wangshirala Orankum	wangshirala14@gmail.com	India	Poster
3.038	3. Geohazards and disaster risk reduction	Reappraisal of landslides catastrophe and mitigation with special emphasis on geotechnical inputs for restoration of the distressed sites, Nilgiris district, TamilNadu	K. Jayabalan, P. Jeevanantham	Geological Survey of India	Chennai	Dr. K. Jayabalan	kjayalngsi@gmail.com	India	Oral
3.039	3. Geohazards and disaster risk reduction	Geological Assessment and Geotechnical Approval of the proposed National Institute of Technology at Simriti in Stragpur, Gathwal, Uttarakhand	Sebrata Das, Harshraj L. Wankhade, Niran Chauhan, Vinay	Geological Survey of India	Dehradun	Mr. Sebrata Das	sebrata.das@gsi.gov.in	India	Oral
3.040	3. Geohazards and disaster risk reduction	Surface deformation monitoring in and around Mangal area, North Sikkim, Sikkim with coherent point target interferometry	Mrinmoy Kr Das, Dhananjai Verma, P. K. Theophilus, M. Chaise, S. K. Das, A. K. Mishra	Geohazards Research & Management Centre, Geological Survey of India, Kolkata - 700091	Kolkata	Mr. Mrinmoy Kr Das	mrinmoy.das1@gsi.gov.in	India	Oral
3.041	3. Geohazards and disaster risk reduction	Detailed geological investigation of Palinda Landslide, Pauri Garhwal, Uttarakhand.	Ravi Negi, Sebrata Das	Geological Survey of India, State Unit: Uttar Pradesh, Northern Region, Lucknow	Lucknow	Mr. Ravi Negi	ravinegi@gsi.gov.in	India	Poster

3.042	3. Geohazards and disaster risk reduction	Three Dimensional Numerical Simulation using Strength Reduction Technique of Anbhang landslide, Mangal, North Sikkim district, Sikkim, India	Verma D, Chauri M, Rajkumar M, Kumar M. D., Theophilus P. K., Mishra A., K.	Geo-hazards Research & Management Centre, Geological Survey of India, CHQ, Kolkata	Kolkata	Mr. Dhanraj Verma	dhanraj.verma@gsi.gov.in	India	Oral
3.043	3. Geohazards and disaster risk reduction	Geological investigation of Bahulana landslide: An altered perspective and engineering-geological solution.	Mridul Srivastava, Sebrata Das, Adrij Chatterjee	Geotechnical Laboratory, GSI, NR, Lucknow	Lucknow	Dr. Mridul Srivastava	mridul.srivastava@gsi.gov.in	India	Oral
3.044	3. Geohazards and disaster risk reduction	Remote sensing and GIS based landslide mapping for the assessment of the impact of hydro-power projects on landslides in Himalayas	Anish Mohan, Vipul Nagre, Navroz Kumar Pandey	NHPC Limited, Sector-33, Faridabad-121003, Haryana, India	Faridabad	Mr. Anish Mohan	anishmohan@nhpc.nic.in	India	Poster
3.045	3. Geohazards and disaster risk reduction	Geological problems encountered in Diversin tunnel of Arun-3 HEP Nepal (900MW) During excavation in Himalayan Geology	Arun Dhiman, (CEO), Rakesh Sehgal R. K Chaudhan	SAPDCO Limited, Nepal,		Mr. Rakesh Sehgal	rakeshsg@gmail.com	Nepal	Oral
3.046	3. Geohazards and disaster risk reduction	Seismic Hazard Microzonation in and around Kozhikode, Kerala, India - An integrated approach	Rahul Dhiman, Animesh Thakur, Ab Aggar, Susmita Naik, Dr. Kamal Kumar Singh, A. B. Ekka, B. P. Rawat, D. Lingsom, R. Balaji, S. K. Tripathi	Geological Survey of India, Southern Region, Hyderabad	Hyderabad	Mr. Rahul Dhiman	eggies@gsi.gov.in	India	Poster
3.047	3. Geohazards and disaster risk reduction	Factors affecting slope stability for triggering rainfall induced landslide: A case study of Bhakra Dam, India	Arpita Pankaj, Pankaj Kumar	GSI, NR, Lucknow	Lucknow	Ms. Arpita Pankaj	arpita.sarkar@gsi.gov.in	India	Poster
3.048	3. Geohazards and disaster risk reduction	Morpho-tectonics of Chambh Basin: A relation with Landslide occurrences.	Pankaj Kumar, Arpita Pankaj, Ajai Mishra	Geological Survey of India, Northern Region, Lucknow	Lucknow	Mr. Pankaj Kumar	pankaj.kumar@gsi.gov.in	India	Oral
3.049	3. Geohazards and disaster risk reduction	Assessment of Landslide Susceptibility and event based rock fall modelling in parts of Shimla and adjoining area. An Earth Observation Initiative	Mohi Singh, Shovan L. Chatterji, Suresh Kamunjiya	Indian Institute of Remote Sensing, Dehradun, (248001) India	Dehradun	Mr. Shovan L. Chatterji	shovan.in@gsi.gov.in	India	Oral
3.050	3. Geohazards and disaster risk reduction	Identification of river bank failures in the erosion vulnerable areas of world's largest river island, Majuli.	Mansum P. Kashyap, Baha Mrujanjy Mahapatra, Bhabu N.Mishra	Geological Survey of India, SU: Assam, Gauhati, Assam, India.	Gauhati	Mr. Mansum P. Kashyap	mansum.kashyap@gsi.gov.in	India	Poster
3.051	3. Geohazards and disaster risk reduction	Impact Assessment of 2016 Pakistan Earthquake (Mw 5.5) Around Gilgitan Region	Shivam Saxena, Sandeep Kumar Mondal, Rishikesh Bharti	Earth System Science and Engineering Division, Department of Civil Engineering, IIT Guwahati, Assam-781039	Gauhati	Mr. Sandeep Kumar Mondal	sandeepkumar@iitg.ac.in	India	Oral
3.052	3. Geohazards and disaster risk reduction	Drained Triaxial Experimental Behavior of Some Landslide Hazard Site Soils of Ukhya, Cox's Bazar, Bangladesh	Khan, PA, Hossain, ATMS, Sayem, HM, Haque, ME, Mahabub, MS, Khan, M, Islam, MI, Jafri, SI, Datta, T, Bakali, R, Hasan, M			Mr. P. A Khan	purbahad2016@gmail.com	Bangladesh	Oral
3.053	3. Geohazards and disaster risk reduction	A Geotechnical Appraisal on the Stability of slopes along the Road Section from Kailash to Khandak, District Reasi, Jammu	Parveen Kumar, Harish Babugana	Geological Survey of India, SU: Jammu Kashmir (UT) and Ladakh (UT), Jammu - 180006, India	Jammu	Mr. Parveen Kumar	parveen.kumar@gsi.gov.in	India	Poster
3.054	3. Geohazards and disaster risk reduction	Predicting landslide susceptibility zones and its controlling factors along NH44of UT: JK, a northeast Himalayan region.	Riyaaz Ahmad Mir, Zahid Habib, Ajay Kumar	Geological Survey of India, UT: Jammu and Kashmir, UT: Ladakh, Srinagar	Srinagar	Mr. Riyaaz Ahmad Mir	riyaaz.mir@gsi.gov.in	India	Oral
3.055	3. Geohazards and disaster risk reduction	Influence of Microclima on the Geotechnical properties of some soil samples of the Rohingya Refugee Camps of Ukhya-Teknaf, Cox's Bazar, Bangladesh	Bakali R., Hossain Md. Sayem, Hossain ATMS, Imam H., Haque ME, Khan M, Datta T, Jafri S.I., Khan P.A., Mahabub M.S., Hasan M	Department of Geological Sciences, Jahangirnagar University, Savar, Dhaka-1342	Dhaka	Mr. Bakali R	bakaliruma@gmail.com	Bangladesh	Poster
3.056	3. Geohazards and disaster risk reduction	Evaluation of The Ground Response of the Rangamati Landslide Hazard Sites Bangladesh Using Field SPT & Grain Size Data	Mahmuda Khan, A.T. M. Shakawat Hossain, Hossain Md. Sayem	Department of Geological Sciences, Jahangirnagar University, Savar, Dhaka-1342	Dhaka	Mr. Mahmuda Khan	mahmuda@juiv.edu	Bangladesh	Oral
3.057	3. Geohazards and disaster risk reduction	Direct Shear Box Testing on Some Sand Samples of Bahakhal Rohingya Refugee Camp, Cox's Bazar, Bangladesh	Sheikh Jafra Jafri, Am Shakawat Hossain, Hossain Md. Sayem, Md. Hossain Imam, Md. Emdadul Haque, Mahmuda Khan, Rama Bakali, Tammyo den, Parva Anirita Khan, Md. Shakil Mahabub	Department of Geological Sciences, Jahangirnagar University, Savar, Dhaka-1342, Bangladesh	Dhaka	Mr. Sheikh Jafra Jafri	jafra.stn2015@juiv.edu	Bangladesh	Poster
3.058	3. Geohazards and disaster risk reduction	Mt. based Ensemble Spatial Landslide Initiation Forecasting in Darjeeling Himalayas, India	Sumit Kumar, Muro Ross, A.K.Mishra, Gerg Singh, Rabisankar Karmakar, Rajkumar M	Landslide studies Division, GHM Centre, Geological Survey of India	Kolkata	Mr. Sumit Kumar	sumit.kumar@gsi.gov.in	India, Italy	Oral
3.059	3. Geohazards and disaster risk reduction	Occurrences of creeping, sinking, and subsidence incidences in Himalach Himalaya Generalized geocritics and geomorphic causes.	Kundan Digambar Rangari, Jina Mandi, Prashant T. Bankar	Geological Survey of India, Nagpur-440006 Chandigarh-160020	Nagpur	Mr. Kundan Digambar Rangari	kundan.rangari@gsi.gov.in	India	Poster
3.060	3. Geohazards and disaster risk reduction	Regional rainfall threshold for shallow landslide forecast in Rudrapur district, Uttarakhand - a step towards disaster risk reduction	Rabisankar Karmakar, Sumit Kumar, Ankar Kumar Srivastava, Adrij Chatterjee	Landslide Studies Division, GHM Centre, GSI, Kolkata	Kolkata	Mr. Rabisankar Karmakar	rabisankar.karmakar@gsi.gov.in	India	Oral
3.061	3. Geohazards and disaster risk reduction	Establishing a pan-India network of GPS-Geodesy Observatories - An Overview, Objective and Perspective	Soumitra Bhargav Dasgupta, Shekha Bhattacharya, L.H. Morancho, A. K. Mishra	Geodynamic Studies Division (GSD), GHM Centre, Geological Survey of India, Central Headquarters, Kolkata - 700016, India	Kolkata	Mr. Soumitra Bhargav Dasgupta	dasgupta.bhargav@gsi.gov.in	India	Oral
3.062	3. Geohazards and disaster risk reduction	Slope stability assessment of rock slide using empirical method in Nigshah, District Kinnour, Himachal Pradesh, India	Tripti Baha Wangchimla Orulam Prashant T Bankar	Geological Survey of India, Chandigarh-160020 (U.T.), India	Chandigarh	Ms. Tripti Baha	triptibaha66@gmail.com	India	Poster
3.063	3. Geohazards and disaster risk reduction	Impacts of landslide hazards on society and sustainable development in Bangladesh.	Mohammad Feruj Alam, ATM Shakhawat Hossain, Mohammad Ashraful Kamal	Geological Survey of Bangladesh	Dhaka	Mr. Mohammad Feruj Alam	feruj@yaho.com	Bangladesh	Oral
3.064	3. Geohazards and disaster risk reduction	A comparison of landslide susceptibility map of Manuar area, Itanaki district, Kerala State developed from three different models on GIS platform	Rakhi Gopal R. Athira S.G., Rajanesh A.	GHM, CHQ, Geological Survey of India, Kolkata	Kolkata	Dr. Rakhi Gopal R	rakhi.remakumar@gsi.gov.in	India	Oral
4.001	4. Climate change and environmental impact assessment	Sustainability Assessment of Passive House Benefits of Residential Buildings in India - A Life Cycle Carbon Balance	Bhanu Sowmya Andraja	L&T Construction Heavy Civil Infrastructure IC: Visakhapatnam, Andhra Pradesh	Visakhapatnam	Mr. Bhanu Sowmya Andraja	andrajabhanusowmya@gmail.com	India	Oral
4.002	4. Climate change and environmental impact assessment	Utilization of GRSB And Quarry Sand for Application as A Partial Replacement to Natural Sand in Construction - A Case Study	S. B. Bhavsar, D. L. Chavan, N. S. Patil, S. N. Patil	Department of Applied Geology, School of Environment and Earth Sciences, North Maharashtra University, Jalgon-425001, India	Jalgon	Mr. S. B. Bhavsar	sumi1991b@gmail.com	India	Poster
4.003	4. Climate change and environmental impact assessment	Understanding Climate Change impact on sustainable development of environmental resources in lower parts of Mandakini River valley, Rudrapur district, Uttarakhand, India	Fernanda Inada de Lima, Sudesh Kumar Wadhawan	School of Sustainable Development, Aurita Vishva Vidyapeetham, Kollam, Kerala	Kollam	Mr. Sudesh Kumar Wadhawan	wadhawan.ks@gmail.com	India	Oral
4.004	4. Climate change and environmental impact assessment	Decoding the recurrence of extreme weather events and their consequences via-a-vicarious process from Amarnath Ji Cave area, Kashmir Himalaya	Abdul Qayyum Paul, Inam Khan, Harish Babugana	Geological Survey of India, UT: J&K, UT: Ladakh, Jammu	Jammu	Mr. Abdul Qayyum Paul	abdul.paul@gsi.gov.in	India	Poster
4.005	4. Climate change and environmental impact assessment	Potential of Flow Irrigation Scheme and Small Hydro-power in South-Eastern part of Mikr-mousif, Assam, India	Manash Prodim Baruah, D. Bezbaruah, T. K. Goswami	Geological Survey of India, Central Region, SU: Chhattisgarh, Raipur	Raipur	Mr. Manash Prodim Baruah	manashprodim.baruah@gsi.gov.in	India	Poster
4.006	4. Climate change and environmental impact assessment	Effect of ignorance on delta building process in the coastal areas of Bangladesh.	Md. Barlar Rashid, Mohammad Abdul Aziz Parwary, Arif Mahomed, Md. Kamrul Ahsan	Geological Survey of Bangladesh, 153, Pioneer Road, Segunbagicha, Dhaka-1000, Bangladesh	Dhaka	Mr. Md. Barlar Rashid	barlarrashid@yahoo.com	Bangladesh	Oral
4.007	4. Climate change and environmental impact assessment	Shear Strength of Unsaturated Granite Residual Soils under Multiple Drying/Wetting Cycles	Ling Wei Kong	Department of Geological Sciences, Jahangirnagar University, Dhaka 1342, Bangladesh	Dhaka	Mr. Hossain Md. Sayem	sayem@juiv.edu	Bangladesh, China	Oral
4.008	4. Climate change and environmental impact assessment	Arsenic - posing water security issue for urban infrastructure in Bihar	Akhouri Bishwarya, Shreya Singh, Divya	Geological Survey of India, State Unit Bihar, Patna	Patna	Mr. Akhouri Bishwarya	akhouri21@gmail.com	India	Oral
4.009	4. Climate change and environmental impact assessment	Fluoride contamination in groundwater in parts of Yaddi-Bhuvanagiri and Nagajda districts, Telangana - Causes & long term remedial measures.	Satish B Chavan, Ranish Gupthak, T. Vaidewaran, S.K.Tripathi	Geological Survey of India, Southern Region, Hyderabad	Hyderabad	Mr. Satish B Chavan	satish.chavan@gsi.gov.in	India	Poster
4.010	4. Climate change and environmental impact assessment	Shared Himalayan Geosystem & Research-Paradise for Safety, Peace and Affluence	Arun Deep Ahlawalia	Professor of Emittance (Honorary), School of Biological and Environmental Sciences, Shomvi University, Solan, Himachal Pradesh.		Mr. Arun Deep Ahlawalia	arundeep.ahlawalia@gmail.com	India	Oral
5.001	5. Emerging challenges in urban infrastructure	Dealing with saturated zone and ground water inflow in urban tunneling in rock with TBM.	Snehal Phadurekar, Ganesh Jagde, Kshijit Dhawale	School of Civil Engineering, MIT World Peace University	Pune	Ms. Snehal Phadurekar	snehalphadurekar19@gmail.com	India	Oral
5.002	5. Emerging challenges in urban infrastructure	Site Response Study Using HV Ratios in and around Sikhar City, Assam, India	K. K. Mukherjee, Piu Dibbar, Pankaj Kumar Das, M. S. Kumar	Geological Survey of India, North Eastern Region, Shillong	Shillong	Dr. K. K. Mukherjee	kajal.k.mukherjee@gmail.com	India	Oral
5.003	5. Emerging challenges in urban infrastructure	Micro-Earthquake investigation in and around Vellore District, Tamil Nadu, India: An approach to infer seismicity level	O. P. Singh, Praveen Allipelli, S. K. Bhattacharya	Geological Survey of India, Central Region, Nagpur-440006, India	Nagpur	Dr. O. P. Singh	o.singh@gsi.gov.in; ogingh1010@gmail.com	India	Oral
5.004	5. Emerging challenges in urban infrastructure	Applications of GIS Techniques in sustainable development of urban environment -An overview	N.S.Patil, S.N.Patil, A.K.Kadam, B.D.Patil, V.J.Patil	School of Environment and Earth Sciences, Kavayitri Bahinabai Chaudhari, North Maharashtra University, Jalgon, Maharashtra (India) 425001	Jalgon	Mr. N.S.Patil	patilnshd54@gmail.com	India	Poster
5.005	5. Emerging challenges in urban infrastructure	Integrated geo-environmental appraisal of Guwahati city to assess the causes and remedies of urban flood	Deeptjoti Gogoi, Suma C.S., Th. N.B. Saikia	Geological Survey of India, SU: Assam, Gauhati, Assam, India.	Gauhati	Mr. Deeptjoti Gogoi	deeptjoti.gogoi@gsi.gov.in	India	Poster
5.006	5. Emerging challenges in urban infrastructure	Restoration of Railway Embankment - A Case Study	Somnath Banerjee, Anindil Islam, Sudip Kumar Koley, Prothot Kumar Ray	Technical Services Department, FTD Consultant India Ltd, Kolkata	Kolkata	Mr. Sudip Kumar Koley	koley.sudip@fdcm.co.in	India	Oral
5.007	5. Emerging challenges in urban infrastructure	Route Optimization for Emergency Vehicles - A Review	Polwarupa Rasagna	PGET (NCEMAR), L&T Construction-Heavy Civil Infrastructure IC: Visakhapatnam, Andhra Pradesh, India	Visakhapatnam	Mr. Polwarupa Rasagna	polwaruparasagna@tntec.com	India	Poster
5.008	5. Emerging challenges in urban infrastructure	Cognitive of Green Building for Sustainable Construction in Smart Cities -Decision to Build Green	P Anupama	PGET, L&T Construction-Heavy Civil Infrastructure IC: Visakhapatnam, Andhra Pradesh, India	Visakhapatnam	Ms. P Anupama	pinjli.anupama@tntec.com	India	Oral
5.009	5. Emerging challenges in urban infrastructure	Urban Flooding Frequency Analysis - A Basis to Optimize Design Specification for Hydraulic Structures.	Yajjala Lakshmi Prasanna	L&T Construction-Heavy Civil Infrastructure IC: Visakhapatnam, Andhra Pradesh, India	Visakhapatnam	Ms. Yajjala Lakshmi Prasanna	yajjala.prasanna@tntec.com	India	Poster
5.010	5. Emerging challenges in urban infrastructure	Safe and Sustainable Design of Overhead Service Reservoir - Itize Tank for Water Supply	Paati Maneesha	L&T Construction-Heavy Civil Infrastructure IC: Visakhapatnam, Andhra Pradesh, India	Visakhapatnam	Mr. Paati Maneesha	paati.maneesha@tntec.com	India	Poster

5.011	5. Emerging challenges in urban infrastructure	Sustainable Design of Reinforced Concrete Chimney for Smart Cities to Isolate Pollutants to Higher Atmosphere	Mamava Yasawini	L&T Construction-Heavy Civil Infrastructure IC Visakhapatnam, Andhra Pradesh, India	Visakhapatnam	Mr. Mamava Yasawini	mamava.yasawini@lntec.com	India	Oral
5.012	5. Emerging challenges in urban infrastructure	Reappraisal of Urban Agglomerations and Prevention of Flood Inundations with Mitigations for Greater Chennai, Tamil Nadu, India	K. Jayabalan, K.Aravind, S.B. Vijay Kumar, A. Asrar Ahmed	GSI, SU, Chennai	Chennai	Dr. K. Jayabalan	kjayalangi@gmail.com	India	Oral
5.013	5. Emerging challenges in urban infrastructure	Geology of Bangalore City and the challenges during tunneling	Fareeduddin		Bengaluru	Mr. Fareeduddin	fareedromani@gmail.com	India	Oral