



Program 27, September 2016, Royton Sapporo

Time	Paper Title, Authors, Country
8:30	<u>Opening ceremony & Plenary session</u>
9:10	Major disasters and the role of dams -Recent flood disasters in Japan <i>Prof. Tadashi Yamada, Chuo University, Japan</i>
9:40	The development of the Ishikari River basin and the role of its dam reservoirs <i>Prof. Yasuyuki Shimizu, Hokkaido University, Japan</i>
10:10-10:40	Coffee break
	<u>Session (1) Innovative Technologies of Dams</u>
	Facilitators: Yoshikazu Yamaguchi (<i>Japan</i>), Dong-Hoon Shin (<i>Korea</i>), Aries Feizal Firman (<i>Indonesia</i>)
10:40	Opening remarks
10:45	S1-1 Large-scale Dam Body Drilling by Tsuruda Dam Redevelopment Project <i>K. Kaji, K. Oobayashi, K. Miyahara, T. Fujisawa, H. Yoshida & N. Yasuda, Japan</i>
11:05	S1-2 Main Challenges and Innovations in Design and Construction of Chitgar Artificial Lake in the City of Tehran, Iran, <i>A. Emam, M. Zolfagharian, V. Tabesh, A.A Efatmanesh & H. Alavi Deilami, Iran</i>
11:25	S1-3 Construction of Apporo Trapezoidal CSG Dam <i>S. Yoshimura, S. Takasugi, M. Konno, T. Fujisawa, H. Yoshida & N. Yasuda, Japan</i>
11:45	S1-4 Construction of a Coastal Levee at Hamamatsu City Coastline using Trapezoidal CSG Dam Technology, <i>N. Itoh, T. Suzuki, S. Terada, T. Fujisawa, Y. Kinouchi & N. Yasuda, Japan</i>
12:05-13:00	Lunch
13:00	S1-5 Study on Rapid Construction Technology for Surface Cover Board Joint of the Slab Joint of CFRD <i>M. Li & Z. H. Sun, China</i>
13:20	S1-6 The Underwater Excavation By The Shaft-Style Underwater Excavator T-iROBO UW <i>N. Yachi, H. Miura & A. Ueyama, Japan</i>
13:40	S1-7 Development of Embankment Material Grading Control Continuous Management System Using Three-dimensional Image Processor, <i>M. Fujiwara, W. Nakane, & I. Miyairi, M. Omata, T. Otake, I. Kobayashi, T. Hashizume & A. Nakamura, Japan</i>
14:00	S1-8 Seismic Evaluation of an Inclined Cored Rockfill Dam using Innovative Centrifuge Modeling <i>D.S. Park & N.R. Kim, Korea</i>
14:20	S1-9 Reduction of Ground Water Flow by Promoting Clogging Effect of Soil Particles <i>T. Tamai, T. Shiono, N. Sorimachi, T. Tsukada & F. Kawashima, Japan</i>
14:40	Conclusions
14:50-15:20	<u>Poster session</u> & Coffee break
	<u>Session (2) Extending Service Life of Dams</u>
	Facilitators: Dong-soon Park (<i>Korea</i>), Junya Takimoto (<i>Japan</i>)
15:20	Opening remarks
15:25	S2-1 Extending Service Life of Dams by Improvement of Operation Regularity (IOR) (IRAN dams policy review), <i>S.M. Noorbakhsh, Iran</i>
15:45	S2-2 Decision Support System Development To Optimize Djuanda Dam Operation <i>A. Mardiyono, H.M. Sungguh & R. Mayasari, Indonesia</i>
16:05	S2-3 Investigation and Repair on Deteriorated Transverse joint of Kasabori Dam <i>H. Kawasaki & S. Iwasaki, Japan</i>
16:25	S2-4 The Upper-Pond Remedial Project of Lam Ta Khong Hydropower Plant for Reducing Long Term Deformation, <i>N. Chaowalittrakul, S. Thongjaeneng & N. Raphitphan, Thailand</i>
16:45	S2-5 Vertical Multi-Holed Double-Pipe System: A New Sediment Suction Method Utilizing a Natural Head <i>A. Hisano, S. Oota & K. Maeda, Japan</i>
17:05	S2-6 Abrasion and Corrective Measures of a Sediment Bypass System at Asahi Dam <i>T. Nishikawa, Y. Yamane & Y. Omoto, Japan</i>
17:25	Conclusions



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Time	Paper Title, Authors, Country
Session (3)-1 Dam Safety, Risk Management and Climate Change	
Facilitators: Yi Liu (<i>China</i>), Hideaki Kawasaki (<i>Japan</i>)	
8:30	Opening remarks
8:35	S3-1 Experimental Study on Seismic Response Behavior of Fill Dams Influenced by Dam's Shapes and Input Wave's Directions, <i>Y. Hayashida, S. Mastukawa, I. Asano & H. Tagashira, Japan</i>
8:55	S3-2 Seismic Performance Evaluation of Embankment Dams by Physical Modeling toward Engineering Practice, <i>N.R. Kim, Korea</i>
9:15	S3-3 Seismic Fragility Evaluation of Imha Dam based on Deformation <i>D.H. Shin, C.K. Kang, K.Y. Kim & K.W. Kim, Korea</i>
9:35	S3-4 Dynamic Characteristics of Dams Evaluated Using Earthquake Monitoring Data for Safety Assessment <i>M. Kashiwayanagi, H. Onishi, N. Osada & S. Hayakawa, Japan</i>
9:55-10:25	Poster session & Coffee break
10:25	S3-5 Natural Disasters and Dam Safety Issues in Nepal <i>D. P. Sangroula, Nepal</i>
10:45	S3-6 Dam Safety Management In Indonesia <i>A. Zubaidi, H. A. Rahman & M. Anissa, Indonesia</i>
11:05	S3-7 Case Study on Extreme Flood Affected Minmyin Dam <i>U. Victor, Myanmar</i>
11:25	S3-8 Potential Impacts of Climate Change on Reservoir Flood Control in the Huong River Basin, Vietnam <i>D.V.Quan & K.Kuntiyawichai, Thailand</i>
11:45	Conclusions
11:55-13:00	Lunch
Session (3)-2 Dam Safety, Risk Management and Climate Change	
Facilitators: Mahdi Noorbakhsh (<i>Iran</i>), Jun Takano (<i>Japan</i>)	
13:00	Opening remarks
13:05	S3-9 Actual Working Performance Assessment of Super-high Arch Dams <i>Y. Liu, G. Zhang, B. Zhu, F. Shang, Y. Liu & G. Zhang, China</i>
13:25	S3-10 Research on Mechanism of Slab Horizontal Breakage of High Concrete Faced Rockfill Dam Using a Structural Mechanics Method, <i>G. Deng, Y. Zhang, X. Wang, Y. Wen & S. Yu & R. Chen, China</i>
13:45	S3-11 The Macro and Micro-Approaches for the Deformation Control of High Concrete Face Rockfill Dams <i>X.L. Chang, W. Zhou & G. Ma, China</i>
14:05	S3-12 Increasing the Safety of Rock Fill Dams by Reducing the Possibility of Hydraulic Fracturing <i>D. Djarwadi, K.B. Suryolelono, B. Suhendro & H.C. Hardiyatmo, Indonesia</i>
14:25	S3-13 Improvement of Deformation Prediction of Rock-fill Dam with GPS Measurement <i>H. Soda, S. Nigo & N. Sato, Japan</i>
14:45	S3-14 Application of Global Positioning System for Dam Deformation Monitoring <i>H. Arizono, H. Okumura, H. Onishi & N. Shimizu, Japan</i>
15:05	Conclusions
15:20	Closing ceremony