



**INTERNATIONAL SYMPOSIUM ON
DAMS FOR A CHANGING WORLD**
-Need for Knowledge Transfer across the Generations & the World
Kyoto, Japan June 5, 2012



List of accepted abstracts as of Nov. 24, 2011

Total number of papers : 352

Countries : 43

1 Sessions

Session		Number of papers
(1)	Impacts of Climate Change on Dams and the Benefits from Dams	36
(2)	Dams for Meeting Increasing Demand of Growing World Population	87
(3)	Knowledge & Technology Transfer in Dam Engineering	17
(4)	Advanced Technologies for Construction of Dams	58
(5)	New Techniques to Prevent and Manage Incidents & Accidents	66
(6)	Earthquakes	49
(7)	Geotechnical Aspects of Dam Foundations	39
Total		352

2 Countries

Country	Number of papers
Angola	2
Argentina	1
Australia	6
Austria	1
Belgium	2
Brazil	4
Burkina Faso	3
Canada	2
China	15
Czech Republic	1
Dominican Republic	1
France	8
Germany	2
Indonesia	16
Iran	146
Italy	1
Japan	68

Korea	11
Lesotho	1
Mexico	3
Mozambique	1
Netherlands	2
New Zealand	1
Norway	1
Pakistan	7
Poland	2
Portugal	1
Romania	2
Russian Federation	10
Serbia	1
Slovakia	1
Slovenia	1
Spain	2
Sri Lanka	2
Sweden	2
Switzerland	7
Thailand	2
The former Yugoslav Republic of Macedonia	2
Turkey	1
UK	5
USA	3
Venezuela	1
Viet Nam	1
43 countries	352 papers

Session (1) Impacts of Climate Change on Dams and the Benefits from Dams

Number of papers: 36

Paper No.	Representative author	Country	Title of paper
16	Andy Hughes	UK	Planning for Dams - Change or Fail
33	Cees-Jan Van Westen	Netherlands	A new dutch delta programme
45	Adama NOMBRE	Burkina Faso	Hydrologic safety of small dams under climate change
58	Hossein Jalaly	Iran	Instruction of Operation Planning for Glevard Dam Based on variable Demand
70	Kaoru HAGA	Japan	PARAMETER DETERMINATION OF A DISTRIBUTED RUNOFF MODEL CONSIDERING THE ACTUALLY OBSERVED GROUND SURFACE CONDITIONS
92	Haregewoin Chernet	Norway	Assessment of changes in design flood due to climate change for Sysen dam in Norway
101	Maria Bartsch	Sweden	Climate Change and Dam Safety in Sweden
114	Hiroshi Yoshida	Japan	The way of the future based on the dam due to global warming, climate changes
125	Young Do Kim	Korea	Application the watershed model to assess water environment in dams and reservoirs from climate change
126	Young Do Kim	Korea	Construction of the Integrated Management System in Dam and reservoir from Climate Change
127	Cristina Lobera	Spain	ROLE OF DAMS IN THE ADAPTATION TO CLIMATE CHANGE OF DEVELOPING COUNTRIES
133	Zoran Micovic	Canada	Analysis of Uncertainty Associated with Probable Maximum Precipitation Estimates
136	Homayoon Sabbaghzadeh	Iran	IMPROVING FLOOD FORECASTING AND EARLY WARNING SYSTEM USING A METEO-HYDROLOGICAL PREDICTION MODEL (CASE STUDY: KARKHE RIVER RESERVOIR SYSTEM, IRAN)
155	Hassan Samadyar	Iran	CLIMATE CHANGE IMPACTS ON HYDROELECTRIC POWER
159	Masayuki Nagao	Japan	Preliminary study of recent water temperature trends of dam reservoirs in Japan
173	Hideo Oshikawa	Japan	CASCADE TYPE FLOOD CONTROL USING PLURAL DAMS
176	Sae jin Kim	Korea	New dam construction policies to adapt to changing environments and Korean type Dam model in the future
181	Rr. Vicky Ariyanti	Indonesia	GARUNG DAM ON MENJER LAKE; PLANED TO LAST 650 YEARS
192	George Annandale	USA	Climate Change and Water Supply Reliability: Practical Guidelines for Dealing with Uncertainty
194	Agus PP Brotodihardjo	Indonesia	OVERTOPPING OF RESERVOIR WATER OVER THE TOP OF THE DAM AS ONE OF THE DOMINANT CAUSE OF THE HUGE FLOOD
212	reza kanani	Iran	IMPACTS OF CLIMATE CHANGE ON WATER RESOURCES PROGRAMMING OF VANYAR DAM
217	Dibi MILLOGO	Burkina Faso	LOCALWATER COMMITTEES FOR DAM WATER MANAGEMENT: DYNAMICS OF AN EXPERIENCE ON LOCAL WATER RESOURCES MANAGEMENT AS A STRATEGY FOR ADAPTATION TO CLIMATE CHANGE IN THE NAKANB? BASIN

221	arash baghalnejad	Iran	THE EXAMINATION ALONG WITH THE PRESENTATION OF FLOOD-FORECASTING SYSTEM IN REAL TIME IN THE MAROON RIVER RESERVOIR DAM THROUGH USING WMS (SOFTWARE(WATERSHEAD MODELING SYSTEM
241	naser niknia	Iran	Assessment of Climate Change Impact on Surface Water Resources of Ardak Earth Dam
273	mekka dinah	Indonesia	SUB DAM AND FIELD SCHOOL FOR THE FARMER NEAR THE RIVER AS CLIMATE CHANGE MITIGATION FOR THE DAM
277	mohammad yakhkeshi	Iran	Flood- Dam interactions, an experience on Golestan Dam in Gorgan River Basin - Iran
288	Andrej Sirca	Slovenia	Thermal load of the Sava River ? Revision of results after partial completion of the HPP chain
293	zaniar zamiran	Iran	The necessity of revising and improving the monitoring and design studies of the climate changes
296	AMIR PURIA RUHI	Iran	Construction of Shahr-e-Bijar CFRD Dam
305	Chaochao Qian	Japan	STUDY ON A NEW TECHNIQUE OF DAM SLUICE OPERATION FOR FLOOD CONTROL
326	Massimo Meghella	Italy	Assessing the residual hydropower storage capacity in Italy. A new challenge toward the achievement of 2020 European energy targets
342	G?nter Meon	Germany	Minimization of adverse climate change impacts on multi-dam schemes by optimized operation
344	Eva Fenrich	Germany	MModelling tidal renewable energy schemes as building blocks in a low carbon society
361	Badra Kamaladasa	Sri Lanka	A Review on Extreme rainfall events in 2010/2011 and Damage Caused to Reservoirs and Irrigation infrastructure by Floods
364	Fransisca Mulyantari	Indonesia	IMPACTS OF CLIMATE CHANGE ON SPILLWAY: A CASE STUDY SITU GINTUNG DAM, INDONESIA
368	Hazrat Umer	Pakistan	The Role of Tarbela Dam in Mitigation of 2010 Flood

Session (2) Dams for Meeting Increasing Demand of Growing World Population

Number of papers: 87

Paper No.	Representative author	Country	Title of paper
10	Yousef Khalaj Amirhosseini	Iran	Numerical simulation of Turbidity Currents Movement in Sefid-Rud Dam Reservoir
14	Hirofumi OKUMURA	Japan	Reservoir sedimentation management in hydropower plant against flood risk and loss of energy production
24	ALI BEMANI-YAZDI	Iran	MULTIPURPOSE SHATOOT STORAGE DAM PROJECT
25	Mal Halwala	Australia	DECISION MAKING BY DAM OWNERS IN A RISK ENVIRONMENT
28	Kohji Michioku	Japan	An In-Situ Experiment on Oxygen Solubility of Micro-Bubble Aeration in A Eutrophic
38	domingo fernandez	Brazil	Monitoring and evaluation of the invading mollusc, <i>L. fortunei</i> , at Itaipu Binacional, city of Foz do Iguaçu, State of Paraná, Brazil
43	Yuji Nakamura	Japan	A Method of Sediment Transportation by Special Ejector in the Dam Reservoir
44	CATHERINE FREISSINET	France	FIRST REAL-TIME MONITORING SYSTEM OF FRESH-WATER PHYTOPLANKTONIC MICROORGANISMS
46	Yoko Yamamoto	Japan	Study on Comprehensive Evaluation Method for Reorganizing Water Use System
47	Slavko Milevski	The former Yugoslav Republic of Macedonia	IMPACTS OF THE CONSTRUCTION OF RESERVOIRS "GLOBOCICA" AND "SPILJE" ON THE ENVIRONMENT AND PLANNED MEASURES TO REDUCE THEM
49	Leon Tromp	Lesotho	TRACKING CONSTRUCTION PROGRESS, COSTS and RISKS USING AN INTEGRATED ACCOUNTING SYSTEMS
57	Fong Zuo Lee	Taiwan	Sediment replenishment on floodplain downstream of a reservoir
60	Natsuki Morinaga	Japan	Mitigation of low-frequency noise caused by discharge of the Amagase dam
69	Svetlana Stevovic	Serbia	DAMS AND HPPs CONSTRUCTION AS OPTIMAL COEXISTENCE SOLUTION BETWEEN ENERGY DEMANDS AND ENVIRONMENT
71	Syuhei Minami	Japan	Coordinated Sediment Flushing and Effect Verification of Fine Sediment Discharge Operation in Kurobe River
76	Kenichi Sasaki	Japan	Sediment Management through Tandem Operation of Dams in Kurobe River
78	Mohammad Nikfal	Iran	SIMAB: A Spatial Decision Support System for Integrated Water Resources Management
79	Massoud Daliry	Iran	SURVAYING PUMPED STORAGE POWER PLANT NEAR TO THE DOOSTI DAM IN IRAN
81	Saied Yousefi	Iran	Negotiations for Conflict Management during Impoundment of Large Dams Projects
82	Saied Yousefi	Iran	The Use of Genetic Algorithms in Determining Optimum Capacity of Hydropower Plants for Participating in Electricity Market

88	Yosuke Sawai	Japan	Improvement of the habitat of sweetfish by using silica-supplemented concrete in river structures
96	keiko Muraoka	Japan	Translocation of white-spotted charr ? Identification of hybrid population from its molecular record.
99	masamichi kiyohara	Japan	Study on reservoir sediment management considering sediment supply required for rivers downstream
105	Dimitry ZNAMENSKY	Brazil	SEDIMENT AND DEBRIS-FLOW TRAPPING AND RETAINING STRUCTURES UTILIZED TO EXTEND RESERVOIRS USEFUL LIFETIME
108	YUYA YAMAGAMI	Japan	Approaches for Integrated Sediment Flow Management at Dams in the Mimikawa River Basin
109	Fahmi Hidayat	Indonesia	SEDIMENT MANAGEMENT IN HEAVILY SEDIMENTED RESERVOIR AFFECTED BY VOLCANIC ERUPTION, CASE STUDY OF WLINGI RESERVOIR, INDONESIA
110	Fahmi Hidayat	Indonesia	MANAGEMENT OF RESERVOIR SEDIMENTATION IN THE BRANTAS RIVER BASIN, INDONESIA
112	TAKASHI HOSODA	Japan	PEOPLE'S AWARENESS TO RIVER IMPROVEMENT PROJECTS WITH PLANNING OF DAM CONSTRUCTION FOR THE KITAGAWA RIVER, FUKUI PREFECTURE
113	KUNIHIRO TOMITA	Japan	PROJECT EVALUATION OF RIVER MANAGEMENT BY SEDIMENT BYPASSING AND SEDIMENT MANAGEMENT
115	Yu-Jun Huang	Taiwan	Real-time ultrasonic measurement technique for monitoring suspended sediment concentration in reservoirs
116	Jeongkon Kim	Korea	Decision Support for Effective Water Resources and Dam Management in Developing Nations-Citarum River Basin Case Study
117	Hiroshi Yoshida	Japan	Development of a selective water intake facility with bellows
118	Hiroshi Yoshida	Japan	The conservation measures of Noguchigera on Taiho Dam Project in Okinawa Island, Japan
120	Wan-Hee CHO	Korea	Operation of Forecasting System for Advanced Water Quality Management in Reservoir
122	Byeong-Yong Shon	Korea	Design and Operation Guideline Standardization for Reservoir Circulation System to improve Water Quality of Reservoir in Korea
124	Urszula Dmitruk	Poland	Anthropogenic pollution of bottom sediments of Polish reservoirs
137	Homayoon Sabbaghzadeh	Iran	A REAL TIME METHOD FOR OPTIMAL WATER ALLOCATION IN DAM IRRIGATION NETWORKS
138	Mohammad Riahi	Iran	EFFECTIVE OPERATION OF RESERVOIRS USING ON-LINE WATER QUALITY AND QUANTITY MONITORING SYSTEMS (CASE STUDY: KHUZESTAN PROVIDENCE, IRAN)
139	Mohammad Riahi	Iran	DAM-BREAK FLOOD RISK MANAGEMENT CONSIDERING ECONOMIC AND SOCIAL ANALYSIS
142	Tomoo Fukuda	Japan	STUDY ON FLUSHING MECHANISM OF DAM RESERVOIR SEDIMENTATION AND RECOVERY OF RIFFLE-POOL IN DOWNSTREAM REACH BY A FLUSHING BYPASS TUNNEL
149	Naeeme Abolvaset	Iran	WEAP APPLICATION FOR AGRICULTURAL WATER MANAGEMENT
152	Shinichiro Yano	Japan	IN SITU MEASUREMENT OF RELATIONS BETWEEN FLOW REGIEM AND STREAM ECOSYSTEM IN DOWNSTREAM FROM OHYAMAGAWA DAM, JAPAN

153	Seyed Mehdi Mousavi	Iran	Investigation of the effect of erection of Shahrbijar Dam (Guilan Province- Iran) on water supply and agricultural status of the area
156	Yu Nagata	Japan	Conservation measure for an endangered fresh water goby, <i>Rhinogobius</i> sp. BB, in the upper stream of Taiho dam on Okinawa Island, Japan.
163	Sohei Kobayashi	Japan	PROBLEMS OF BEDROCK EXPOSURE AND A TRIAL TO RECOVER GRAVEL-BEDS BELOW A DAM IN MOUNTAIN RIVERS
169	Morteza Gharouni Nik	Iran	FUTURE DEVELOPMENT OF POWER SYSTEM IN IRAN FROM HYDROPOWER POINT OF VIEW
170	Morteza Gharouni Nik	Iran	OPTIMIZATION OF UPPER POND VOLUME IN RUDBAR PUMP STORAGE POWER PLANT
177	Mun Hyun Ryu	Korea	Valuation of Recreational and environmental Water by Dam Redevelopment in Korea
184	Hitoshi UMINO	Japan	A COMPARATIVE STUDY ON GRAIN SIZE ANALYSIS FOR SEDIMENTS FLOWING INTO RESERVOIRS
186	ANDRZEJ WITA	Poland	Study of sedimentation of reservoirs in Poland
187	suroto matkasan	Indonesia	NUMERICAL STUDY OF VISUALIZATION AND OPTIMIZATION SABO DAM FOR DEBRIS FLOW CONTROL SOLUTIONS-BASED COMPUTATIONAL FLUID DYNAMICS
195	Satoshi YAMAGUCHI	Japan	OUTLINE OF TENRYU RIVER DAM SYSTEM REORGANIZATION PROJECT
199	Noor Ali Damough	Iran	INFLUENCE OF GACHSARAN FORMATION SALT LAYERS ON RESERVOIR QUALITY OF UPPER GOTVAND DAM
202	Fong-Zuo Lee	Taiwan	Simulation of river bed degradation with bed rock erosion downstream of the reservoir
203	Ali Hadizadeh	Iran	Reservoir Sedimentation Management with Turbidity Currents in MARUN Dam
207	Ali Hadizadeh	Iran	Sediment Management and Rehabilitation in DEZ Dam
210	Davood Zare	Iran	optimizing and increasing the useful volume of dam's reservoirs by converting the stable free board to dynamic free board.
219	CARLA CANZI	Brazil	THE POTENTIAL OF BRAZILIAN HYDROELECTRIC POWER PLANT RESERVOIRS TO IMPROVE FISH PRODUCTION USING CAGES ? PROSPECTS AND CHALLENGES
220	arash baghalnejad	Iran	The Simulation Of The Great Karoon River Watershed Areas Reservoir Dams Conditions & Reservoirs on-time Monitoring in Daily , 10-Day and Monthly Time Span
223	Mandana Ardeshiri	Iran	To Establish a Pattern For Resettlement Plans in Dam Construction Projects
224	S?bastien Cajot	Switzerland	Reservoir sediment management using replenishment: a numerical study of Nunome Dam
230	Iding Adiwinata	Indonesia	THE SEDIMENTATION STUDY OF IR.H.DJUANDA RESERVOIR, JATILUHUR, WEST JAVA, INDONESIA
231	Eddy Djajadiredja	Indonesia	EFFECT OF THE EXISTENCE OF FLOATING NET CAGES AQUACULTURE ON THE STRUCTURE OF THE DAM AND HYDROELECTRIC EQUIPMENT CORROSION OF IR. H. DJUANDA DAM

243	Morteza Monshizadeh	Iran	INTRODUCTION AND GENERAL SPECIFICATIONS OF RODBAR LORESTAN PUMPED STORAGE HYDROELECTRIC PLANT
250	Yasumitsu Kato	Japan	IMPROVEMENT AND EFFECT OF SEDIMENT REPLENISHMENT DOWNSTREAM OF DAM
251	Mahmoud Hajishah	Iran	Monitoring and management of drainage water in downward land of Dez and Karkheh dams Khuzestan province, Iran
262	Andrey Mirzaev	Russian Federation	Removal of lignose during construction and operation of reservoirs in the Siberia and Far East in Russia, influence of wood on water quality
268	Albert Veksler	Russian Federation	Lowering of water level in a downstream as a result of riverbed transformation and riverbed quarrying
271	Bhre Susantini Rusli	Indonesia	Sustainable Management on Sempor Dam
274	Saqib Chaudhary	Pakistan	Food, energy and water ? needs for dams in developed and developing countries
279	Hisashi Nakayama	Japan	EVALUATION OF ECOLOGICAL FUNCTION OF CHIWA WETLAND, HAIZUKA DAM
281	Toshiyuki Sakurai	Japan	HYDRAULIC CHARACTERISTICS OF THE BURROWING TYPE SEDIMENT REMOVAL SUCTION PIPE
282	Toshiyuki Sakurai	Japan	NUMERICAL SIMULATION OF SEDIMENT SUPPLY FROM DAM RESERVOIRS TO DOWNSTREAM BY THE PLACED SEDIMENTS
283	NOZOMU YONEYAMA	Japan	DEVELOPMENT OF NUMERICAL ANALYSIS CODE FOR PREDICTING BEHAVIOR OF REMOVAL SEDIMENT FROM RESEVER BED BY USING DISCHARGE PIPE BASED ON SIPHON PRINCIPAL
301	Hikaru Sakaida	Japan	Control of freshwater red tide outbreak by a vertical fence in a reservoir
304	Badruddin Machbub	Indonesia	Conservation Model of Lake and Reservoir
310	Jose Armenteros Rius	Dominican Republic	Food, Energy and Water from the Nizao River Water Projects
319	Koichi Ota	Japan	Study on reservoir sediment management according to river properties categorization
321	Mohammad Ebrahim Meshkati shahmirzadi	Japan	Sediment Management Issues for Large Dams in Iran
331	David Leong	New Zealand	THE RUATANIWHA PLAINS WATER STORAGE PROJECT: SUSTAINABLE IRRIGATION FOR CENTRAL HAWKE'S BAY, NEW ZEALAND
333	Amir Reza Mansoori	Japan	The three-dimensional numerical simulation of flushing of the reservoir of the dam
345	Nicola-V. Bretz	Switzerland	Sediment management at Grande Dixence Dam
353	Francis FRUCHART	France	RESERVOIR FLUSHING ? ISSUES - PHYSICAL PHENOMENA - DATA COLLECTION -POSSIBLE MATHEMATICAL MODELLING
363	Azadeh Ahmadi	Iran	Development of a multi-objective reservoir operation model for water quality and quantity management, A case study

370	Kunihiko Amano	Japan	An attempt to assess the environmental change in downstream river of dams by benthic macroinvertebrate community
382	Rahim Avarand	Iran	STUDY ON THE LOAD CURVES OF THE NATIONAL GRID AND METHODS OF IMPROVING IT
395	Giang PHAM	Viet Nam	Dam Development and Water Management in Central Vietnam. Case Study of the Vu_Gia - Thu_Bon River Basin

Session (3) Knowledge & Technology Transfer in Dam Engineering

Number of papers: 17

Paper No.	Representative author	Country	Title of paper
17	Andy Hughes	UK	Knowledge Transfer to Succession Planning - The Problems are Coming
31	Bijan Farhangi	Iran	Knowledge transfer & succession planning
50	Francis JOSEMARIA	France	HOW TO TRANSFORM THE CATASTROPHIC MALPASSET DAM FAILURE IMPACT TO A NEW DAM IMPLEMENTATION BY DEVELOPING A GLOBAL WATER USE AWARENESS AND EDUCATION
51	Yosuke Sawai	Japan	Transfer of knowledge and technology on the examination and inspection of dams for the Lao People's Democratic Republic (Lao PDR)
55	Patrice Jean DROZ	Switzerland	Dam Safety Enhancement Program: a cooperation project between Switzerland and China
86	David Stewart	Australia	Training Dam Safety Operators ? Your Most Important Risk Management Tool
90	Sameh Ahmad Kantoush	Japan	Strategy for Integrated Flash Flood Management and Preventive Measures by Flood Mitigation Dams in Egypt
100	Aries Feizal Firman	Indonesia	Case study on knowledge transfer to the next generation in Indonesia
103	Ian Hope	UK	The development and implementation of Severn Trent Water's People Plan to achieve "the best in class for managing dams and reservoirs"
160	Zeinab Ghannad	Iran	Implementation of Knowledge Management in Design and Construction of Dams
167	Jean-Jacques FRY	France	THE DAM DAY
189	Iulian Dan Asman	Romania	Knowledge transfer in the dam monitoring practice within Romanian Water Authority
242	Amit P. Chanan	Australia	TURNING UNKNOWN UNKNOWNNS INTO COMMON KNOWLEDGE: A DAM OWNERS CHALLENGE
272	Jose Polimon	Spain	dam engineering movig towards sustainability
290	Takashi Ikeda	Japan	Survey and Reserch Activities and Publicity work of the Japan Society of Dam Engineers
367	Shinji Utsuki	Japan	Manual of borehole survey and evaluation technology about rockmass for next generation's dam engineer.
386	Gomes António	Angola	Dam surveillance techniques and methodologies

Session (4) Advanced Technologies for Construction of Dams

Number of papers: 58

Paper No.	Representative author	Country	Title of paper
6	Toshiyuki Temmyo	Japan	Recent RCC Construction Technology in Sg. Kinta Dam Project in Malaysia
13	Richard Herweynen	Australia	Unique challenges Influencing the Design and Construction of Three Recent Australian RCC Dams
20	weibiao wang	China	THE ASPHALT CORE EMBANKMENT DAM: AN ATTRACTIVE ALTERNATIVE
21	Alireza Farivar	Iran	BACK ANALYSIS OF TABARAK ABAD EMBANKMENT DAM DURING CONSTRUCTION
35	Hiroki SAKAMOTO	Japan	RAPID SATURATED PERMEABILITY EVALUATION METHOD OF UNSATURATED DAM FOUNDATIONS
37	MORTEZA SALARI	Iran	A back-analysis of Bidvaz Dam, Located In a Narrow U-shaped Valley
40	Dali Bondar	Iran	GEOPOLYMER CONCRETE AS A NEW TYPE OF CONCRETE FOR RCC DAMS AND HYDRAULIC STRUCTURES CONSTRUCTION MATERIALS
48	Nariman Mahabadi Mahabad	Iran	Effects of construction joints on the behavior of face slabs of concrete face rockfill dams
54	GABRIELLA VASCHETTI	Switzerland	Innovative geomembrane system at Vait? embankment dam
64	Makoto IMAI	Japan	The new measure to prevent core zone from freezing in snowy cold region
73	Reza Noorzad	Iran	Search for the critical slip surface with Modified Harmony Search algorithm
74	Reza Noorzad	Iran	Minimization of Earth Dam Cross Section Using Modified Harmony Search algorithm
75	Nima Tavakoli Shirazi	Iran	Hydrostatic Analysis of the Effects of Changing Internal Pressure in Inflatable Dams
85	Behnam Salehi	Iran	Predicted and Measured Pore Pressure of Maroon Dam
106	Slavcho Mihajlovski	The former Yugoslav Republic of Macedonia	ROCK FILL DAM KNEZEVO - THE FIRST DAM IN THE REPUBLIC OF MACEDONIA CONSTRUCTED WITH AN ASPHALT-CONCRETE CORE
119	Masashi Kusaka	Japan	Introduction of Information and Communication Technology to main body construction of Tono dam
128	Gontran Herrier	Belgium	Lime treated materials for embankment and hardfill dam
140	Hiroshi Katahira	Japan	Study on indexes of aggregate quality to evaluate freeze-thaw resistance of concrete produced
143	Saeid Ghafoori	Iran	Advised Approaches To Control Alkali-Carbonate Reactivity Of Khersan III Concrete Dam
151	Ali Masoudian	Iran	An Experimental Investigation of Dilative Behavior of Rockfill Materials using Large Scale Shear Box
161	Lotfali Modarres	Iran	Concrete Face of Siah bishe project CFRDs

165	atefe rahmani	Iran	Effect of unsaturated zone on the seepage problem in earth dams
175	Mohammad Reza Babatabar	Iran	Restore the initial storage capacity of Voshmgir dam's reservoir with Install rubber dam on the platform with truss structure
180	Morteza SALARI	Iran	Back-Analysis model of Ardak Dam in During Construction
205	Houshang Korkorian	Iran	Method Statement and Design for DEZ II HEPP, Power Intake Excavation up to
226	MOHAMMAD GHAMARI HABASHI	Iran	Construction of Consequent dams over Karun River.
233	Dariush Belashi	Iran	Deformation Modulus of Embankment Materials for Narmashir Dam
238	Mohammad Ghiasian	Iran	Effective Model for Dynamic Vertical Joint Opening of Concrete Arch Dam
239	Yoshiyuki Matsumoto	Japan	Design and Construction of the Kasegawa secondary dam
246	Ali Akhtarpour	Iran	Evaluation of Hydraulic Fracturing Potential in the Inclined Clay Core Dams Constructed in Narrow Valleys
252	Farid Farzi	Iran	USAGE OF POST-TENSIONING SYSTEM IN SPILLWAY OF SEYMAREH DAM
259	MOHAMMAD GHAMARI HABASHI	Iran	Reduction of cement content of concrete mix designs of Karun 4 dam, Economical, Technical and environmental aspects.
269	Farhad Honarmand Ebrahimi	Iran	THE EFFECT OF MAGNETIC WATER ON HYDRATION CONVENTIONAL VIBRATED CONCRETE (CVC)
291	Katsumi Oyabu	Japan	Optimizing Placing Speed of Cobcrete at Concrete Gravity Dams
297	Moghimi Mahdi	Iran	Study of the bottom outlet channel geometry on the amount of aeration ? Koucheri case study
306	Hamed Sarkardeh	Iran	HYDRAULIC MODEL OF KHERSAN III DAM AND HYDROPOWER PLANT
313	Farhad Honarmand Ebrahimi	Iran	THE EFFECT OF MAGNETIC WATER ON STRENGTH PARAMETERS OF ROLLER COMPACTED CONCRETE (RCC)
314	Mohamad Moghadaripour	Iran	Probability evaluation of an earth dam with determining minimum reliability index based on Monte Carlo simulation technique
316	Mohamad Moghadaripour	Iran	Evaluating the reliability of an earth dam in different loading conditions
317	Ardalan Akbari Hamed	Iran	Uncertainty and reliability analysis applied to different types of Embankment dams
324	nasser talebbeydokhti	Iran	NUMERICAL ANALYSIS OF HYDRODYNAMIC PRESSURE ON FLIP BUCKETS
328	Ahmad Dolatkahi	Iran	Practical experiences for construction of recent RCC dams in IRAN considering advanced technologies
336	Mohammad Hossein Eftekhar	Iran	Study on Permeability of Roller Compacted Concrete (RCC) dams considering the Permeability of joints

348	Mojtaba Abbasi	Iran	OPTIMUM WATER CEMENT RATIO DETERMINATION FOR ROLLER COMPACTED CONCRETE OF GHADROUNI DAM USING DENSITY AND VEBE CONSISTENCY TIME MEASUREMENTS
350	Fu-liang Yang	China	Experimental study on modified PVA fiber and its application in Xiluodu hydropower project
351	Fu-liang Yang	China	Study on the optimization of concrete proportion for Xiluodu hydropower dam
354	Sajjad Abdolalizadeh	Iran	The interaction of drainage blanket and cut-off wall on the downstream slope cover in homogeneous earth dams
356	iman mehdipour	Iran	Effect of the horizontal drainage length on the downstream slope cover in homogeneous earth dams
357	Hamed Farshbaf Aghajani	Iran	A Comprehensive Investigation Of Effect Of Clay Core Shape On The Behavior Of Earthfill Dam
358	Tongchun Li	China	Study of reasonable cooling water scheme for temperature controlling of RCC dams
359	Xiaoqing Liu	China	Study on influence factors of nonlinear finite element analysis for high arch dams
365	ali mobini	Iran	Impervious blanket at reservoir with underground water pressure
366	bin wang	China	Statistic analysis and practice on the tendency of mechanical property of long-age hydraulic concrete
369	Bin Duan	China	Rheological Character and 3D Finite Element Analysis of 300m High Rockfill Dams Material
373	Morteza Salari	Iran	Back-Analysis model of Ardak Dam in During Construction
374	Haijun Zhang	China	Design and Construction of Erping CFRD
381	Farhad Honarmand Ebrahimi	Iran	THE EFFECT OF MAGNETIC WATER ON FEATURES OF LIGHTWEIGHT CONCRETE (LWC)
389	Yuguang CHEN	France	Numerical analysis of high CFRD by using an elastoplastic constitutive model L&K-Enroch

Session (5) New Techniques to Prevent and Manage Incidents & Accidents

Number of papers: 66

Paper No.	Representative author	Country	Title of paper
5	mahdi moharrampour	Iran	An Evaluation and comparison of embankment Behavior with Instrumentation Data and software PLAXIS
15	Andy Hughes	UK	The Willowstick Process and its use in Asset Management and to Prevent Incidents and Accidents
22	Lohrasb Faramarzi	Iran	Structural Monitoring of a Zayandeh-Rud Concrete Arch Dam in Iran
26	Rob Keogh	Australia	Emergency Action Planning
27	Dan Stematiu	Romania	INVESTIGATION TECHNIQUES AND REMADIAL WORKS TO CONTROL SEEPAGE THROUGH AN EARTHFILL DAM
42	Majid Galoie	Austria	Two dimensional dam break flow modeling by The Beam and Warming Implicit method (gradually dam failure is included)
52	SUNGJUN LEE	Korea	Improvement methods to ensure hydraulic and structural stability of existing concrete gravity dam with overflow experience
66	Eliane Portela	Portugal	AN INTELLIGENT DECISION SUPPORT SYSTEMS FRAMEWORK FOR DAM SAFETY CONTROL
68	FOUNEME MILLOGO	Burkina Faso	Failure of small dams by internal erosion in Burkina Faso Cases studies
84	Tahereh Ahmadi	Iran	Failure Analysis of Concrete Arch Dam under Unexpected Loading
91	Gensheng Zhao	Netherlands	Hydraulics of Dam-breaching Flow
97	Nobuyuki Okuma	Japan	Structural Damage Detection Test for Aged Large Arch Dams based on Ambient Vibration
98	Shuji Umesaki	Japan	Discussion on Evaluation Method for Defect Probability based on Maintenance History Data of Spillway Gate Components
104	Brenner R. Peter	Switzerland	The Challenge of Dam Heightening
111	Minlee Chae	Korea	A Study on a Field Application about Concrete Face Surface Inspection of C.F.R.D(Concrete Faced Rock-fill Dam) Using the Impact Echo Method.
123	THIBAUT BALOUIN	France	RISK ASSESSMENT REQUIRED IN THE FRAMEWORK OF NEW FRENCH REGULATION ON DAMS - METHODOLOGY DEVELOPPED BY INERIS
134	Jungju Bea	Korea	IRON BACTERIA AT THE DRAIN PIPES IN GRAVITY DAMS AND THEIR TREATMENTS
141	Saeid Ghafoori	Iran	Study of Effects of Dam Break In Khersan III Catchment Area
144	Atosa Mihandoost	Iran	FLOW ANALYSIS AND INVESTIGATION OF CAVITATION OCCURRENCE IN SABALAN DAM SPILLWAY
166	Surasit Intarapracha	Thailand	Rehabilitation of Lampao Dam
168	Jean-Jacques FRY	France	HOW TO PREVENT INTERNAL EROSION INCIDENT?
182	Claudio Rocco	Argentina	DETERMINATION OF THE MODE I STRESS INTENSITY FACTOR IN CONCRETE GRAVITY DAMS
183	mohammad safi	Iran	1st SCORE BASED DAM CLASSIFICATION SYSTEM FOR THE 1st IRANIAN DAM SAFETY GUIDELINE

200	ROOHOLLAH Amini	Iran	HEIGHTENING OF DEZ DAM: MODIFICATION OF SPILLWAYS
204	Houshang Korkorian	Iran	Repairing Design for MES Extension HEPP Draft Tube Flap Gate Support
209	Najaf Pahlavani	Iran	Rehabilitation and Heightening main problems in concrete dams
211	Olivier Machiels	Belgium	Influence of the relative alveoli widths on Piano Key Weirs efficiency for varied weir heights
214	Mohammad Javad Rezaei	Iran	Numerical Investigation of Energy Dissipation over Various Stepped Spillway
215	Toshihide KOBORI	Japan	Application of Advanced Displacement Measurement System Using GPS to Concrete Gravity Dam
225	Yoshio Nakamura	Japan	Performance of Highly Ductile Modified Asphalt for Use in Impervious Facing Zone
227	Amirreza Mohammadnezhad Ardeshiri	Iran	COMPARING COMPUTATION IN DOWNSTREAM STILLING BASIN SCOURING IN DAMS USING SOFTWARE AND MANUAL METHOD AND NEURAL NETWORK
228	Majid Tadbiri	Iran	flood discharge estimation of rivers without statistical data and informations through classified method
232	Abbas Akbarzadeh	Iran	Determination of Flood Discharge and Control Structures Impacts on Environment by Usage of Developed Environmental Assessment Models and Comparing them in ASTOR DAM
234	Hee Man Lee	Korea	A Case Study on the Design of Unmun Dam Emergency Spillway Considering PMF in South Korea
236	Mardjuki Surachmat	Indonesia	INCREASING FLOOD CONTROL ABILITY AT JATILUHUR DOWNSTREAM BY HEIGHTENING THE CREST OF MORNING GLORY SPILLWAY OF JATILUHUR DAM
244	Ehsan Emami	Iran	To estimate flow velocity and depth at the inception points and to form an uniform flow at the stepped chute of spillway in Javeh Dam using the relations presented by various researchers and to compare that with the results of physical model
245	Mehdi Joorabloo	Iran	CAVITATION STUDY ON SIPHON SPILLWAYS AT DAMS
257	Vladimir Sherbina	Russian Federation	Experience of rockfill dam repair and further operation
260	Vera Durcheva	Russian Federation	Concrete hydroengineering structures ? the object of biosphere influence
261	Anatoliy Khrapkov	Russian Federation	Assessment of concrete dam state by comparison of the in-situ data with the results of numerical research using mathematical models
265	Timofey Ivanov	Russian Federation	Forecast of flooded zones during flood passing on the base of multi-layer hydrodynamic model using HPP technologies
266	Vladimir Prokofyev	Russian Federation	Application of the unified 3D hydrothermal model of a reservoir to assess the influence of HPP construction on environment
267	maryam asadifard	Iran	Monitoring of earth dam behavior during construction using instrumentation data
270	Ezequiel Carvalho	Mozambique	ON-LINE DYNAMIC MONITORING OF CAHORA BASSA DAM

275	GUSTAVO ADOLFO PAZ SOLDAN CORDOVA	Mexico	RISK CRITERIA FOR DETERMINING DESIGN STORMS
276	Maryam Abdolahpour	Iran	Cavitation Probability Between Gates in Dam Bottom Outlet (Case Study of Siazakh Dam Bottom Outlet, Iran)
280	Shinichiro Nakashima	Japan	Behavior Monitoring of Fill Dams using GPS-based Displacement Measurement System
285	Michio Matsumoto	Japan	The Development and Management of the ICT System for Dam Construction at Okukubi Dam
286	Tatsushi Sakai	Japan	STUDY OF EFFICIENT MAINTENANCE AND SERVICE LIFE EXTENSION OF DAMS
294	zaniar zamiran	Iran	Revising the monitoring systems of dams due to changes in design criteria
295	zaniar zamiran	Iran	information and communications technology uses in the operation & monitoring of dams in Iran
298	Fazel Fardinpur	Iran	Inverted Pendulum Borehole drilling, in Karun 4 dam Method for control and preventing deviation
299	seyed mohammadreza heidari	Iran	FLOOD MANAGEMENT AND FLOOD ZONE CLASSIFICATION OF DAM FAILURES TO PREVENT THE LOSE OF LIFE IN DOWNSTREAM DAM ? SHAHRCHAY DAM
309	Chinoros Thongthamchart	Thailand	MONITORING OF LEAKAGE THROUGH FACE SLAB OF NAM NGUM 2 CFRD
335	Carlos H. De A. C. MEDEIROS	Brazil	A STRUCTURAL FRAMEWORK FOR DAM SAFETY PLAN ? DSP BASED UPON THE BRAZILIAN FEDERAL LAW No. 12,334 ? NATIONAL DAM SAFETY POLICE: PINDOBA?? DAM AS A CASE STUDY
337	Alireza Asaddokht	Iran	Lessons learned from flood management practice and implementation them in emergency planning ; Case study : Latyan Dam , Iran
341	Peter Panenka	Slovakia	Operating system of collection, transmission and processing of data for purposes of dam safety supervision
343	William Walker	USA	Development of the Wolf Creek Dam Joint Instrumentation Monitoring Plan (JIMP): A Controlled Communication Response Plan
360	LAKSIRI LOKU BAHITHIGE	Sri Lanka	CONFIRMATION OF RESERVOIR LEAKAGE MECHANISM BY USE OF ISOTOPE TECHNIQUES
372	Guangming Bai	China	Establishment of emergency response plan for dam emergency accidents
377	May-Britt Thman	Sweden	Human Bodies and the Forces of Nature: Regulated Rivers, Safety and Embodied Knowledge
378	Afshin Turk	Iran	MARUN RESERVOIR EARTH DAM STUDY TO VERIFY DAMAGE OF CELL PRESSURES IN VERTICAL DIRECTION THROUGH SSM
379	Jaromir Riha	Czech Republic	The proposal of the technique for the repair of defects in waterstops at the concrete gravity dam
380	Guillermo Cardoso-Landa	Mexico	FAILURE OF A DAM IN MEXICO
384	Ronald Haselsteiner	Turkey	EVALUATION OF THE HYDROLOGICAL RISK DURING THE CONSTRUCTION PHASE OF KAVSAKBENDI DAM AND HEPP

387	Ant?nio Gomes	Angola	First rehabilitation measures at Bi?pio dam, Angola
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Session (6) Earthquakes

Number of papers: 49

Paper No.	Representative author	Country	Title of paper
2	houman saedi	Iran	Evaluation of Seismic Energy Reduction methods and the 8.9 Richter Earthquakes in Japan
7	ali zohoorian vahid baghban	Iran	Evaluation of Dynamic Response of Embankment Dam Using Newmark Approach (Case study: Sangerd dam)
8	ali zohoorian vahid baghban	Iran	Investigation the Behavior of Embankment Dams after first Impounding (Case Study: Sangerd dam)
9	ali zohoorian vahid baghban	Iran	Effects of Longitudinal Cracks on the Dynamic Displacements of a Dam using Newmark Method (Case study: Sangerd dam)
11	Jalal Akbari	Iran	Concrete Arch Dam Shape Optimization Against Earthquake
18	Tatsuo Ohmachi	Japan	MISSING WATER AT A ROCKFILL DAM DUE TO THE 2008 IWATE-MIYAGI NAIRIKU EARTHQUAKE (M7.2), JAPAN
19	Aissa MELLAL	Switzerland	Seismic behaviour of an arch-gravity dam featuring a pre-existing crack
23	Herb Hawson	Canada	Inherent Seismic Risk Design and Construction for Flood Control Dykes , Vedder River, BC
29	Yosep Purnama	Indonesia	DYNAMIC ANALYSIS OF DUMPING MATERIAL IN ABOVE OF SOFT SOIL
36	Noorzad Ali	Iran	NONLINEAR DYNAMIC ANALYSIS OF LEAN RCC DAMS
53	Takafumi TOMIYAMA	Japan	Investigation of Ground Motion Waveforms at a Dam Site of the 2011 Off the Pacific Coast of Tohoku Earthquake.
56	Francisco Lopez	Australia	RESPONSE-HISTORY ANALYSIS OF AN INTAKE TOWER IN AUSTRALIA: A NOVEL APPROACH BASED ON NEW METHODOLOGIES AND PERFORMANCE REQUIREMENTS
63	Hiroshi Asahara	Japan	Reproduction of Seismic Waveforms of the 2011 Off the Pacific Coast of Tohoku Earthquake at a Dam Site Using the Empirical Green's Function Method
65	Hasan Mirzabozorg	Iran	Hydrodynamic Isolation of Concrete Gravity Dams and Its Effects on Nonlinear seismic behavior
80	Massoud DALIRY	Iran	INVESTIGATION ON CRACKING EFFECTS IN DYNAMIC BEHAVIOR OF KARDEH ARCH DAM
83	Mohammad Amin Hariri Ardebili	Iran	SEISMIC PERFORMANCE EVALUATION OF ARCH DAMS USING STRESS-BASED AND STRAIN-BASED METHODS
87	TAKASHI SASAKI	Japan	Effects of The 2011 Tohoku Earthquake on Dams
89	Yoshiaki Ariga	Japan	Efficient confirmation method for seismic safety of dam and spillway by combining Earthquake Early Warning and 3D dynamic analysis
94	Mohammad Amin Hariri Ardebili	Iran	A SMEARED CRACK MODEL FOR DYNAMIC ANALYSIS OF GRAVITY DAM-RESERVOIR-FOUNDATION COUPLED SYSTEM
131	Mehdi Mirzayee	Iran	A hybrid distinct element-boundary element approach for seismic analysis of cracked concrete gravity dam-reservoir systems
146	Maryam Rezaifardi	Iran	PERFORMANCE OF EARTH DAMS LOCATED OVER FAULT DURING EARTHQUAKE (A CASE STUDY)
150	Arash Barjasteh	Iran	SALT TECTONISM IMPACT ON DAM CONSTRUCTION IN KHUZESTAN PROVINCE OF IRAN

178	beytollah taromi	Iran	Parametric study of concrete base isolated structure in the near-fault earthquakes
185	Pongwit Rungbanaphan	Japan	Preliminary study on earthquake-induced progressive failure of jointed rock foundation supporting arch dam
197	Seyed Mehdi Mousavi	Iran	The conditions and factors creating a crack all over Sefidroud Dam in the earthquake of the year 1990 and its effects on the dam's operation
216	Netto Mulyanto	Indonesia	PROPOSED REDESIGN AND ANALYSIS OF UPPER CISOKAN DAMS SUBJECTED TO MCE
218	Jonathan Hinks	UK	SEISMIC BEHAVIOUR OF DAMS
222	Reza Nasibifard	Iran	DESIGN OF SIAH BISHE PENSTOCKS TO RESIST EARTHQUAKES
229	arash mazloumi	Iran	NONLINEAR SEISMIC ANALYSIS OF RCC DAM CONSIDERING ORTHOTROPIC BEHAVIOR OF LAYERS
235	Masafumi Kondo	Japan	SEISMIC PERFORMANCE EVALUATION OF CONCRETE DAMS CONSIDERING ULTIMATE STABILITY OF DETACHED UPPER BLOCK
237	Ali Akhtarpour	Iran	2D & 3D Nonlinear Numerical Analysis of an Asphaltic Concrete Core Rockfill Dam (a Case Study)
240	Hamid Samari	Iran	The key role of master hidden faults, under Zagros folds on seismic hazard evaluation, Nargesi dam case study
253	Mohammad Aminpour	Iran	Behavior prediction of the rocky abutment of a rockfill dam under earthquakes
256	Gennady Mazhbits	Russian Federation	Results of seismic stability evaluation of dams in connection with change of seismic zonation of the Russian territory
278	Anil Chopra	USA	Earthquake Response Analysis Procedures for Evaluating and Upgrading Existing Arch Dams for Seismic Safety
289	Hideki Soda	Japan	Microearthquake observation at Tokuyama Dam and surrounding area
302	Mousa Hazrati	Iran	DYNAMIC ANALYSIS OF RIGHT ABUTMENT OF UPPER GOTVAND DAM
303	Samaneh Soleymani	Iran	SEISMIC HAZARD ANALYSIS FOR THE DARUNGAR DAM SITE
307	Syed Mehdi	Pakistan	WAPDA Micro Seismic Monitoring System For Large Dams And Hydropower Projects In The Seismically Active Northern Areas & Kashmir Hazara Regions Of Pakistan
308	Syed Mehdi	Pakistan	Characteristics Of October 08, 2005 Kashmir-Hazara Earthquake And Its Connection With Indus Kohistan Seismic Zone (IKSZ)
311	Syed Mehdi	Pakistan	Some Seismological Characteristics of May 12, 2008 Wenchuan Earthquake
312	Syed Mehdi	Pakistan	Characteristics Of Reservoir Induced Seismicity At Tarbela And Mangla Dams-II
318	Reza Esmaili	Iran	SEISMIC SAFETY EVALUATION OF CONCRETE GRAVITY DAMS BASED ON PERFORMANCE CRITERIA (A CASE STUDY OF HYGHER DAM)
320	Martin Wieland	Switzerland	SEISMIC ASPECTS OF BOTTOM OUTLETS, SPILLWAYS, INTAKE STRUCTURES AND PENSTOCKS OF LARGE STORAGE DAMS
325	AZADEH SALAJEGHEH	Iran	The effect of different permeability coefficient on seismic response of embankment dam- water- foundation system

339	Jean-Christophe Girard	France	Earthquake Design of a Gated Spillway using the 3D Finite Element Method at Theun Hinboun Expansion Project (THXP) in Laos
347	songlin wen	China	Study on seismic damage phenomena and occurrence mechanisms for earth dams in Mianyang city during the Wenchuan earthquake
362	Hong Yang	China	Study on Earthquake Monitoring Technical System for Cascade Reservoirs on Yalong River Valley
399	Ali Noorzad	Iran	INFLUENCE OF SEISMIC ACCELERATION CHARACTERISTICS ON TRIGGERING SOIL LIQUEFACTION UTILIZING POROUS MEDIA MODELING

Session (7) Geotechnical Aspects of Dam Foundations

Number of papers: 39

Paper No.	Representative author	Country	Title of paper
30	fereidoun farhadi	Iran	Curtain grouting of Sharebajar storage dam from design to implementation
32	Ali Mohammad Hossein Nezhad	Iran	WATER TIGHTENING OF TANGAB DAM WITH WASHING OUT THE FINE SOIL PARTICLES OF THE ALLUVIUM
62	akbar kazemi Najaf Abadi	Iran	Stability analysis and design of initial support system in waterway tunnel (UP) at Upper Gotvand dam
72	Saeed Abrishami	Iran	Foundation Treatment of BAR Earth Dam for Decreasing the Water Loss
77	Ahmad Taufiq	Indonesia	FOUNDATION TREATMENT USING IMPERMEABLE DIAFRAGM WALL OF ALLUVIAL FOUNDATION, KEULILING DAM, INDONESIA
95	Atsushi Suzuki	Japan	Foundation Treatment Work in the Oyama Dam based on Hydrogeological Features
102	Mehdi Rahanjam	Iran	Reliability of Abutments Water Leakage at impoundment of SEYMARE Dam of Iran, Base on Groundwater Parameters Analysis to Approach the Best Efficiency of Grout Curtain
130	Ali Dadi givshad	Iran	APPLICATION OF FLEXIBLE NEURAL-FUZZY SYSTEM, REGRESSION TREE AND NONLINEAR MULTIPLE REGRESSION IN ESTIMATING THE RESULTS OF DILATOMETER TEST
132	sina fardmoradnia	Iran	Use Of DFN Method For Analysis Of Fractured rocks
145	Jamshid Sadrekarimi	Iran	ASSESSMENT OF VISCO ? ELASTIC PROPERTIES OF THE PLASTIC CONCRETE CUT-OFF WALL OF A LARGE DAM
147	Maryam Akbarzad Ghamari	Iran	ASSESSMENT OF SAFETY OF SABALAN DAM
148	Solmaz Ghorbany	Iran	EVALUATION OF THE SOFT SOIL CREEP MODEL IN SETTEMENT ESTIMATION OF ROCK-FILL DAMS (A CASE STUDY)
154	Mehdi Rahanjam	Iran	Simulation of Dissolutional Development Behavior in Connected Karstic Conduits to Dam Reservoir, Case Study: KOWSAR Dam, Iran
157	Jorge Antonio Lopez-Molina	Mexico	Design, construction and monitoring of grout curtains for Concrete Face Rockfill Dams in mexican volcanics rocks
162	Zeinab Ghannad	Iran	Coping with Difficult Foundation in Siah Bishe CFRDs
164	Saeid Ghafoori	Iran	Prevention Of Gypsum Material Dissolution In Gachsaran Formation (Case Study: Khersan III Concrete Storage Dam And HPP)
179	Mohammad ali Tajabadi Farahani	Iran	Evaluation of pore pressures in the dam and reservoir half-full mode Kamal Saleh
190	Hiroyuki SATOH	Japan	Rationalizations of Curtain Grouting of Dams based on the Revised Grouting Guidelines in 2003 in Japan and Evaluation
193	Gerardo Jose Uzcategui Eganez	Venezuela	Concrete Face Rockfill Dam of Tocoma Project

196	Seyed Mehdi Mousavi	Iran	Investigation of the effects of the sediments existing behind Sefidroud Dam on water seepage from the dam foundation, the results of numerical modeling
198	Ahad Bagherzadeh-Khal khali	Iran	MECHANICS OF PARTICLE BREAKAGE IN ROCKFILL USING COMBINED DEM AND FEM
201	ABBAS DAB	Iran	WATER TIGHTNESS OF SEYMAREH DAM FOUNDATION
206	Houshang Korkorian	Iran	Design of Repairing Works for Concrete Lining of Water Conveyance Tunnel, excavated by TBM, and Special Design of lining at the Faulted Zones
208	Kiyoshi Kishida	Japan	Theoretical approach of grouting treatment for fractured rock
247	Ali Dadi-Givshad	Iran	DIVERSION TUNNEL ROCK MASS ZONING, BASED ON GEOMECHANICAL DATA AND STATISTICAL ANALYSIS; THE CASE OF KHERSAN3 DAM, IRAN
248	Ali Dadi-Givshad	Iran	MULTIVARIATE NONLINEAR CORRELATION BETWEEN UNIAXIAL COMPRESSIVE STRENGTH AND OTHER EXPERIMENTAL PARAMETERS; CASE STUDY OF KHERSAN3 DAM, IRAN
249	Javad Ashjari	Iran	The Water Seepage Potential through the Constructed Grout Curtain in Metamorphic Layers of KAMAL-SALEH DAM, Iran
254	Faghihi Mohaddess Ali	Iran	Rock Treatment around morning glory spillway of Sefidroud Dam
255	Zaheer Muhammad Malik	Pakistan	SATPARA DAM PROJECT ON DIFFICULT FOUNDATIONS
258	Eduard Kalustian	Russian Federation	DAM CONSTRUCTION AND GEOMECHANICS
263	Stella Mogilevskaya	Russian Federation	Problems of management of rock foundation reliability of concrete dams and risk reduction during operation
284	Yasuo Nakamura	Japan	Techniques for obtaining high quality boing core of rock mass
300	Mohammad Ali Gholami Sefidkoohi	Iran	An Experience on Seepage Control of Dam Foundation, Case Study: Narmab Dam, Iran
327	Shigehisa Shimamoto	Japan	The adaptive management of the slope stability around the Reservoir in Takizawa Dam
329	hamid reza tadayon	Iran	landslide incident in the left abutment of maku dam reservoir
332	Teruyoshi Hatano	Japan	Application of precise digital photogrammetry to a measurement system for large retaining wall monitoring
340	Nima Akbari Paydar	Iran	Design, Implementation and Operation of Slurry-Cement Cut off Wall of the Kinevars Embankment Dam in Iran
346	Hamed Farshbaf Aghajani	Iran	Longterm Monitoring Of Seepage Behavior In An Earthfill Dam: A Case Study In Iran
355	Xuelin Jiang	China	Foundation Treatment at the Left Bank of Jingping-I Highest Arch Dam