



21st International Congress on Irrigation and Drainage, 8th International Micro Irrigation Congress & 62nd ICID IEC Meeting

15-23 October 2011, Tehran, Iran

Schedule of Paper Presentation

Organizers: _____



International Commission
on Irrigation and Drainage



Iranian National Committee
on Irrigation and Drainage

Co-Organizers: _____



Ministry of Energy



Ministry of Jihad-e-Agriculture



Iran Water Resources
Management Company

Sponsors: _____



Padyab

**GENERAL REPORT
PRESENTATION OF Q.56
(13:30 -13:50)**

By Dr. S. Nairizi

(Hall #1)

Q. 56.1-Water and Land Productivity: Concepts, Indices and Targets (Session-I) (13:50-17:00)

Wednesday, Oct 19, 2011

Time	Program
13:50 - 15:15	<ul style="list-style-type: none">● EXPANSION OF IRRIGATION EFFICIENCY CONCEPT FOR PADDY RICE <i>Hajime Tanji, Japan</i>
	<ul style="list-style-type: none">● WHY IMPROVING IRRIGATION EFFICIENCY INCREASES CONSUMPTIVE USE <i>Bryce A. Contor, USA</i>
	<ul style="list-style-type: none">● WATER PRODUCTIVITY IN AGRICULTURE: CHALLENGES IN CONCEPTS, INDICES, AND THE VALUES <i>Nader Heydari, Iran</i>
	<ul style="list-style-type: none">● IMPACT OF PLANT DENSITY ON THE IRRIGATION WATER PRODUCTIVITY OF DURUM WHEAT IN A MEDITERRANEAN CLIMATE <i>Mailhol, Jean-Claude, France</i>

Time	Program
15:45 - 17:00	<ul style="list-style-type: none"> ● THE ASSESSMENT OF IRRIGATION WATER USAGE CONSIDERING WATER PRODUCTIVITY INDICATORS, ECONOMIC VALUE OF WATER AND ECONOMIC EFFICIENCY – CASE STUDY: KERMAN PROVINCE, IRAN <i>Farimah Omid, Iran</i>
	<ul style="list-style-type: none"> ● PERFORMANCE ASSESSMENT OF LARGE IRRIGATION SYSTEMS USING SATELLITE DATA: THE CASE OF THE GEZIRA SCHEME, SUDAN <i>Yasir A. Mohamed, Sudan</i>
	<ul style="list-style-type: none"> ● MAPPING CROP WATER PRODUCTIVITY IN THE NILE BASIN THROUGH COMBINED USE OF REMOTE SENSING AND CENSUS DATA <i>Poolad Karimi, Sri Lanka</i>
	<ul style="list-style-type: none"> ● FROM IMPROVED WATER ACCOUNTING TO INCREASED WATER PRODUCTIVITY IN THE FERGANA VALLEY <i>Akmal Karimov, Uzbekistan</i>

Q. 56.2-Innovations, Technologies and Best Practices for Sustaining and/or Increasing Water and Land Productivity (Session-I) (13:50-17:00)

Wednesday, Oct 19, 2011

Time	Program
13:50 - 15:15	<ul style="list-style-type: none">● OPTIMIZATION OF SOIL SURFACE TO SAVE WATER IN SURFACE IRRIGATION <i>César González-Cebollada, Spain</i>
	<ul style="list-style-type: none">● CONSTRUCTION AND EVALUATION OF PID AUTOMATIC CONTROL SYSTEM FOR IRRIGATION CANALS AT LABORATORY SCALE <i>Kazem Shahverdi, Iran</i>
	<ul style="list-style-type: none">● YIELD PRODUCTION AND WATER USE EFFICIENCY UNDER CONVENTIONAL AND ALTERNATE FURROW FERTIGATIONS <i>Hamed Ebrahimian, Iran</i>
	<ul style="list-style-type: none">● THE EFFECT OF SOIL STRUCTURE ON WATER USE EFFICIENCY <i>Anahita Taherkhani, Iran</i>

Time	Program
15:45 - 17:00	<ul style="list-style-type: none"><li data-bbox="576 297 1382 465">● EFFECT OF POLYETHYLENE MULCH AND PLANT DENSITY ON QUANTITY AND QUALITY OF TOMATO, WEED CONTROL AND WATER PRODUCTIVITY <i>Amir Nourjou and Sepeedeh Hatami, Iran</i><li data-bbox="576 510 1382 642">● PRACTICES FOR CONSTRUCTION OF SUSTAINING HARD CANAL LININGS ON DEFORMABLE GRADES <i>Mahan Lamei, Iran</i>

Q. 56.3-Productivity of Poor Quality Waters for Irrigation Uses (Session-I) (13:50-17:00)

Wednesday, Oct 19, 2011

Time	Program
13:50 - 15:15	<ul style="list-style-type: none">● THE RESEARCHES AND APPLICATION OF BRACKISH WATER FOR IRRIGATION IN CHINA <i>Zhanyi Gao, China</i>
	<ul style="list-style-type: none">● EFFECT OF CONTROLLED DRAINAGE AND QUALITY OF IRRIGATION WATER ON CROP YIELD, WATER USE EFFICIENCY AND REDUCTION OF DRAINAGE WATER <i>Negar Sharifi Mood, Iran</i>
	<ul style="list-style-type: none">● A SURVEY ON SOCIAL ISSUES IN REPLACING EFFLUENT WITH AGRICULTURAL WATER RIGHTS (CASE STUDY : REPLACING MASHHAD EFFLUENT WITH WATER RIGHTS FROM KARDEH RIVER) <i>Mohammad Hossein Papoli Yazdi, Iran</i>
	<ul style="list-style-type: none">● INTERMITTENT IRRIGATION: A PROCEDURE TO USE SALINE WATER IN RICE CULTIVATION <i>Mojtaba Rezaei, Iran</i>
	<ul style="list-style-type: none">● SIMULATION OF QUINOA (CHENOPODIUM QUINOA WILLD.) RESPONSE TO SOIL SALINITY USING THE SALTMED MODEL <i>Fatemeh Razzaghi, Denmark</i>

Time	Program
15:45 - 17:00	<ul style="list-style-type: none"> ● THE SALT TOLERANCE OF QUINOA MEASURED UNDER FIELD CONDITIONS <i>Fatemeh Razzaghi, Denmark</i>
	<ul style="list-style-type: none"> ● IRRIGATION WITH SALINE WATER IN FARS PROVINCE, IRAN <i>S.A.M. Cheraghi, Iran</i>
	<ul style="list-style-type: none"> ● WATER RECYCLING IN MASHHAD PLAIN (EFFLUENT MANAGEMENT: OPPORTUNITIES AND THREATS) <i>Mohamad Alaei, Iran</i>
	<ul style="list-style-type: none"> ● SUSTAINABLE USE OF BRACKISH WATER FOR BETTER CROP PRODUCTION IN DIFFERENT TEXTURED SOILS <i>Zulfiqar Ahmad Saqib, Pakistan</i>
	<ul style="list-style-type: none"> ● WETTING PATTERN INSPECTION ON STEEP LANDS OF FATH-ALI PLAIN IN, MOQAN <i>Morteza Yazdekhasti, Iran</i>

Q. 56.5-Irrigation and Drainage Management Improvements (Session-I) (13:50-17:00)

Wednesday, Oct 19, 2011

Time	Program
13:50 - 15:15	<ul style="list-style-type: none">● CHANGES IN INTENSITY OF HEAVY RAINFALL AND ITS IMPACT ON DRAINAGE SYSTEMS <i>Hiroki Minakawa, Japan</i>
	<ul style="list-style-type: none">● TOWARD IRRIGATION MANAGEMENT IMPROVEMENT <i>S.A. Heydarian, Iran</i>
	<ul style="list-style-type: none">● IMPROVING THE OPERATION AND MAINTENANCE FOR BETTER SEDIMENT AND WATER MANAGEMENT IN GEZIRA SCHEME, SUDAN <i>Ishraga Sir Elkhatim Osman, Sudan</i>
	<ul style="list-style-type: none">● NITROGEN AND BACTERIA LEACHING IN AGRICULTURAL DRAINAGE WATER <i>Ali Madani, Canada</i>

Time	Program
15:45 - 17:00	<ul style="list-style-type: none"> ● PRIVATE SECTOR SERVICES IN OPERATION AND MAINTENANCE OF SUFI CHAI IRRIGATION AND DRAINAGE NETWORKS <i>Yousef Toutakhaneh, Iran</i>
	<ul style="list-style-type: none"> ● IRRIGATION PERFORMANCE IN COMMUNITY-MANAGED SCHEMES: ASSESSMENT USING COMPARATIVE INDICATORS AND UTILITY ANALYSIS <i>Dejen A. Zeleke, Ethiopia</i>
	<ul style="list-style-type: none"> ● COOPERATION OF USERS AND IMPLEMENTING AGENCIES IN IRRIGATION AND DRAINAGE NETWORK PLANNING AND OPERATION <i>Seyed Alireza Hosseinzadeh Tabrizi, Iran</i>
	<ul style="list-style-type: none"> ● THE ROLE OF DEVELOPMENT AND ENHANCEMENT OF HUMAN FORCES IN WATER RESOURCES MANAGEMENT <i>Yousef Toutakhaneh, Iran</i>

**GENERAL REPORT
PRESENTATION OF Q.57
(13:30-13:50)**

By Dr. Theib Oweis

(Hall #5)

Q.57-Drainage and Flood Management in Rainfed Farming, Water Harvesting and Conservation, Rainfed Farm Management (13:50-17:30)

Wednesday, Oct 19, 2011

Time	Program
13:50-15:15	<ul style="list-style-type: none">● GREEN WATER IMPACTS ON FORAGE PRODUCTION IN IRAN <i>Ghasem Zarei, Iran</i>
	<ul style="list-style-type: none">● ON-FARM RAINWATER MANAGEMENT BY THE FARMERS IN THE VIDARBHA REGION, INDIA – A CASE STUDY <i>Venkat Manohar Mayande, India</i>
	<ul style="list-style-type: none">● WATER HARVESTING FROM FOG AND AIR HUMIDITY IN THE WARM AND COASTAL REGIONS IN THE SOUTH OF IRAN <i>Rahman Davtalab, Iran</i>
	<ul style="list-style-type: none">● INVESTIGATION OF AOGCM MODELS AND SRES-SCENARIOS UNCERTAINTY IMPACT ON THE GHARANGHU BASIN RUNOFF <i>Parisa Sadat Ashofteh, Iran</i>
	<ul style="list-style-type: none">● USING AQUACROP MODEL FOR SUPPLEMENTARY AND RAIN FED IRRIGATION IN NORTH IRAQ <i>Esam M. Mohammed, Iraq</i>
	<ul style="list-style-type: none">● ALGORITHM TO LOCATE POTENTIAL WATER HARVESTING SITES IN NON-URBAN AREAS <i>Bagher Ghermezcheshmeh, Iran</i>

Time	Program
15:45-17:00	<ul style="list-style-type: none"> ● DEVELOPMENT OF SMALL DAMS IN POTHOWAR PLATEAU OF PUNJAB (PAKISTAN) <i>Qazi Tallat Mahmood Siddiqui, Pakistan</i>
	<ul style="list-style-type: none"> ● FUNCTIONING OF GARKAZ EARTH DAM, GORGAN WALL AND ITS CHANNEL AS AN ANCIENT FLOOD DIVERSION PROJECT <i>Mohsen Masoudian, Iran</i>
	<ul style="list-style-type: none"> ● RAINWATER HARVESTING FOR SUPPLEMENTARY IRRIGATION TO RAINFED CROPS <i>Javad Tabatabaee Yazdi, Iran</i>
	<ul style="list-style-type: none"> ● IMPROVING RAIN WATER PRODUCTIVITY BY MICRO CATCHMENTS WATER HARVESTING (MCWH) SYSTEMS AT NORTHWEST OF IRAN <i>Ali Reza Tavakoli, Iran</i>
	<ul style="list-style-type: none"> ● RAINFALL WATER USE EFFICIENCY OF WINTER WHEAT IN A SEMI-ARID REGION IN NW IRAN <i>Ali Reza Vaezi, Iran</i>

Special Session: Modernization of Water Management Schemes (13:30-17:00)

Wednesday, Oct 19, 2011

Time	Program
13:30-13:50	GENERAL REPORT ON MODERNIZATION OF WATER MANAGEMENT <i>By Karim Shiati, Iran</i>
13:50-15:15	● PERFORMANCE ASSESSMENT OF IRRIGATION SYSTEM IN RICE-WHEAT CROPPING ZONE USING MODERN TECHNIQUES <i>Muhammad Arshad, Pakistan</i>
	● CONSTRUCTION AND EVALUATION OF AUTOMATICPIVOT WEIR CONTROL SYSTEM <i>Zeinab Hosseinzadeh, Iran</i>
	● MULTI-SECTOR WATER SHARING IN THE WESTERN UNITED STATES: CAN ENGINEERS ENGAGE SOCIAL SCIENCE FOR SUCCESSFUL SOLUTIONS? <i>MarryLou Smith, USA</i>
	● ESTABLISHMENT AND DISSEMINATION OF PARTICIPATORY WATER MANAGEMENT <i>Tomohiko Taminato, Japan</i>

Time	Program
15:45-17:00	<ul style="list-style-type: none"> ● POLICY AND INSTITUTIONAL REFORMS IN WATER RESOURCES SECTOR IN MAHARASHTRA STATE, INDIA <i>Sanjay Belsare, India</i>
	<ul style="list-style-type: none"> ● A CASE STUDY ON APPLICATION OF GEOSYNTHETIC CLAY LINER IN CANAL LINING IN HETAO IRRIGATION AREA, INNER MONGOLIA <i>Jian Yu, China</i>
	<ul style="list-style-type: none"> ● FARMERS' PERCEPTIONS AND ENGINEERING APPROACH IN THE MODERNIZATION OF A COMMUNITY-MANAGED IRRIGATION SCHEME <i>Vafa Ghazouani, Tunisia</i>

Poster Presentation for 21st Congress

Q56.1 & 56.4 (9:00-17:30)

Q56.2 & 56.3 (13:30-17:00)

Thursday, Oct 20, 2011

Q. 56.1-Water and Land Productivity: Concepts, Indices and Targets (Session-II) (9:00-12:30)

Thursday, Oct 20, 2011

Time	Program
9:00-11:00	<ul style="list-style-type: none">● FROM IMPROVED WATER ACCOUNTING TO INCREASED WATER PRODUCTIVITY IN THE FERGANA VALLEY <i>Akmal Karimov, Uzbekistan</i>
	<ul style="list-style-type: none">● ECONOMIC RESPONSE OF INDUSTRIAL CROPS TO DRIP AND HOSE-REEL IRRIGATION: ON-FARM COMPARISONS IN CENTRAL AND NORTHERN ITALY <i>Graziano Ghinassi, Italy</i>
	<ul style="list-style-type: none">● IMPROVED EFFICIENCY OF IRRIGATION WATER USE: A SOUTH AFRICAN FRAMEWORK <i>Felix B. Reinders, South Africa</i>
	<ul style="list-style-type: none">● EFFECTIVENESS OF THE INTEGRATED WATER RESOURCE MANAGEMENT (IWRM) IN IMPROVING WATER AND LAND PRODUCTIVITY IN THE FERGHANA VALLEY <i>Victor Dukhovny, Uzbekistan</i>

Time	Program
9:00-11:00	<ul style="list-style-type: none"> ● VALIDATION OF INPUT DATA TO SUT-SEBAL ALGORITHM AND SENSIVITY ANALYSIS OF THE RESULTS WITH RESPECT TO THE MODIFIED INPUT PARAMETERS <i>Faezeh Khakbazan, Iran</i>
	<ul style="list-style-type: none"> ● EVALUATING IRRIGATION EFFICIENCY AND ISO-EFFICIENCY MAPS IN IRAN <i>Fariborz Abbasi, Iran</i>
11:30-12:30	<ul style="list-style-type: none"> ● IMPACT OF CLIMATE CHANGE ON WATER REQUIREMENT OF AIDOGHMOUSH IRRIGATION NETWORK <i>Parisa Sadat Ashofteh, Iran</i>
	<ul style="list-style-type: none"> ● WATER AND LAND PRODUCTIVITY IN PADDY CULTIVATION: CONCEPTS, INDICES, TARGETS AND CHALLENGES <i>Kim Mon Loh, Malaysia</i>
	<ul style="list-style-type: none"> ● VIRTUAL WATER VALUE ESTIMATION FOR CROPS AT TAIWAN <i>Ming Young Jan, Chinese Taipei</i>

Q. 56.2-Innovations, Technologies and Best Practices for Sustaining and/or Increasing Water and Land Productivity (Session-II) (9:00-12:30)

Thursday, Oct 20, 2011

Time	Program
9:00-11:00	<ul style="list-style-type: none">● EFFECT OF OPTIMUM WATER ALLOCATION TO AGRICULTURAL ACTIVITIES FOR INCREASE IN WATER PRODUCTIVITY (CASE STUDY: NARMAB RIVER DOWNSTREAM– GOLESTAN PROVINCE) <i>Hossein Talachi, Iran</i>
	<ul style="list-style-type: none">● INCREASING WATER PRODUCTIVITY BY USING LOW PRESSURE IRRIGATION SYSTEM <i>Farnaz Joulazadeh, Iran</i>
	<ul style="list-style-type: none">● USING PILOTE MODEL TO DETERMINE WATER USE EFFICIENCY OF DIRECT SEEDING INTO MULCH COMPARED WITH CONVENTIONAL TILLAGE <i>Mohammadreza Khaledian, Iran</i>

Time	Program
9:00-11:00	<ul style="list-style-type: none"> ● LINING OF IRRIGATION CANAL USING PREFABRICATED BITUMINOUS GEOMEMBRANE (PBG) (CASE STUDY: ARAYEZ IRRIGATION AND DRAINAGE PROJECT - KHUZESTAN- IRAN) <i>Omid Firouzi, Iran</i>
	<ul style="list-style-type: none"> ● PERFORMANCE REVIEW OF AQUACROP - THE FAO CROP-WATER PRODUCTIVITY MODEL <i>Pasquale Steduto, Italy</i>
11:30-12:00	<ul style="list-style-type: none"> ● MULTI-FUNCTIONALITY OF IRRIGATION WATER TO INCREASE THE WATER AND LAND PRODUCTIVITY <i>Vijay K. Labhsetwar, India</i>
	<ul style="list-style-type: none"> ● STUDY ON FEASIBILITY OF SYSTEM OF RICE INTENSIFICATION (SRI) IN SOUTH KOREA <i>Woon-Ji Park, Korea</i>
	<ul style="list-style-type: none"> ● OPTIMIZATION OF WATER USE IN DOWNSTREAM LANDS OF SALMAN FARSI DAM <i>Alireza Hakimelahi, Iran</i>

Q. 56.4-Improving Crop Water Productivity under Stressed Environment (Session-II) (9:00-12:30)

Thursday, Oct 20, 2011

Time	Program
9:00-12:30	<ul style="list-style-type: none">● IRRIGATION WATER MANAGEMENT TO PROTECT RICE GRAINS FROM HEAT DAMAGE DURING RIPENING <i>Motomu Uchimura, Japan</i>
	<ul style="list-style-type: none">● DETERMINATION OF WINTER WHEAT CROP COEFFICIENT USING MODIS-DERIVED VEGETATION INDICES: A CASE STUDY OF THE AZADEGAN PLAIN, IRAN <i>Mohammad Hassan Rahimian, Iran</i>
	<ul style="list-style-type: none">● EVALUATION OF SIMULATION BASED DEFICIT IRRIGATION AND FERTILIZATION STRATEGIES TO MAXIMIZE WATER PRODUCTIVITY AND NITROGEN USE EFFICIENCY <i>Sabine Walser, Germany</i>
	<ul style="list-style-type: none">● ASSESSMENT OF WHEAT WATER USE EFFICIENCY IN DIFFERENT DEFICIT IRRIGATION SENARIOS AND UNDER CLIMATE CHANGE CONDITION <i>Samira Ashaeri, Iran</i>

Time	Program
9:00-11:00	<ul style="list-style-type: none"> ● DROUGHT MANAGEMENT IN AGRICULTURE: ISSUES, MEASURES AND EXPERIENCES IN KHORASAN RAZAVI PROVINCE, IRAN <i>N. Heydari, Iran</i>
	<ul style="list-style-type: none"> ● ASSESSING CROP WATER REQUIREMENT METHODS USING REMOTELY SENSED DATA FOR ANNUAL PLANNING OF WATER ALLOCATION IN IRRIGATED AGRICULTURE <i>F. Aghdasi, The Netherlands</i>
11:30-12:30	<ul style="list-style-type: none"> ● LINKED WATER ALLOCATION IN IRRIGATED AND RAINFED LANDS <i>Abdelmajid Liaghat, Iran</i>
	<ul style="list-style-type: none"> ● WATER PRODUCTIVITY OF FOUR EXPERIMENTAL FIELDS IN QAZVIN PLAIN IRRIGATION NETWORK <i>Mehdi Malekpour, Iran</i>
	<ul style="list-style-type: none"> ● WATER SCARCITY MANAGEMENT IN THE ARAB WORLD: OPTIONS AND TOOLS <i>Ragab Ragab, UK</i>

Q. 56.5-Irrigation and Drainage Management Improvements (Session-II) (9:00-12:30)

Thursday, Oct 20, 2011

Time	Program
9:00-12:30	<ul style="list-style-type: none">● DYNAMIC MODELING FOR REHABILITATION OF IRRIGATION NETWORKS (CASE STUDY: QAZVIN IRRIGATION NETWORK) <i>Mahsa Vaez Tehrani, Iran</i>
	<ul style="list-style-type: none">● PERFORMANCE ASSESSMENT OF IRRIGATION NETWORK CONSTRUCTIO (CASE STUDY: KACHURESTAGH COOPERATIVE) <i>Pantea Rahbari, Iran</i>
	<ul style="list-style-type: none">● INVESTIGATION ON EFFECTIVE FACTORS OF PARTICIPATION OF PEOPLE IN MANAGEMENT OF IRRIGATION NETWORKS <i>Roza Ebrahimian, Iran</i>

Time	Program
9:00-11:00	<ul style="list-style-type: none"> ● STUDY ON IRRIGATION MANAGEMENT STRATEGIES FOR DROUGHT IN TAIWAN <i>Gwo-Hsing Yu, Chinese Taipei</i>
	<ul style="list-style-type: none"> ● ASSESSMENT OF CLOGGING POTENTIAL OF SYNTHETIC ENVELOPES USED IN DRAINAGE OF SALINE SOIL <i>Shohreh Pedram, Iran</i>
11:00-12:30	<ul style="list-style-type: none"> ● PHYSICAL AND NUMERICAL STUDY OF INWARD TRAPEZOIDAL PROPORTIONAL LINEAR WEIRS <i>Fatemeh Sohrabi, Iran</i>
	<ul style="list-style-type: none"> ● IMPROVEMENT OF IRRIGATION & DRAINAGE MANAGEMENT THROUGH PARTICIPATORY IRRIGATION MANAGEMENT AT ALL STAGES IN BAND-AMIR AREA IN FARS PROVINCE <i>Enayatollah Farahani, Iran</i>

Q. 56.5-Irrigation and Drainage Management Improvements (Session-III) (13:30-17:00)

Thursday, Oct 20, 2011

Time	Program
13:30-15:15	<ul style="list-style-type: none">● ESTIMATION OF SCS RUNOFF CURVE NUMBER FOR AGRICULTURAL RESERVOIR WATERSHED BY ANALYSIS OF RESERVOIR OPERATION RECORD <i>Shin Gil Chai, Korea</i>
	<ul style="list-style-type: none">● IMPROVING WATER PRODUCTIVITY THROUGH BENCHMARKING AND REHABILITATION OF EXISTING SYSTEMS <i>AK Bajaj, India</i>
	<ul style="list-style-type: none">● WATER USERS ASSOCIATIONS IN MAHARASHTRA, INDIA -- LEARNING, CHALLENGES AND WAY AHEAD <i>Sanjay Belsane, India</i>
	<ul style="list-style-type: none">● PARTICIPATORY DIAGNOSIS OF THE IRRIGATION SCHEMES IN THE SAHEL: EXPERIENCES FROM BURKINA FASO AND NIGER <i>Moussa Amadou, Burkina Faso</i>

Time	Program
13:30-15:15	<ul style="list-style-type: none"> ● ASSESSMENT OF SPRINKLER IRRIGATION SYSTEMS OPERATION AT CHAHARMAHAL AND BAKHTIARI PROVINCE, IRAN <i>Behzad Ghorbani, Iran</i>
	<ul style="list-style-type: none"> ● ENCOURAGING FARMERS' PARTICIPATION IN PUBLIC IRRIGATION MANAGEMENT IN KOREA <i>Sung Hee, Lee, Korea</i>
15:45-17:00	<ul style="list-style-type: none"> ● COMPARISON OF WATER CHARGE WITH, OPERATION AND MAINTENANCE COSTS OF IRRIGATION AND DRAINAGE NETWORKS OF 11 REGIONAL WATER AUTHORITY IN IRAN <i>Sahar Malekzadeh, Iran</i>
	<ul style="list-style-type: none"> ● INVESTIGATION OF TRADITIONAL WATER CONVEYANCE AND DISTRIBUTION SYSTEMS IN THE ATRAK CATCHMENT <i>Mohammad Ali Gholami, Iran</i>
	<ul style="list-style-type: none"> ● FOUR YEARS OPERATION IN BILESAVAR SPRINKLER IRRIGATION SYSTEM: CHALLENGES & SOLUTIONS <i>Alireza Moridnejad, Iran</i>

Symposium-Climate Change Impacts on Soil and Water Resources (9:00-12:30)

Thursday, Oct 20, 2011

Time	Program
9:00-9:20	GENERAL REPORT PRESENTATION <i>Chandra A. Madramootoo, Canada</i>
9:20-11:00	● FEEDING A GROWING POPULATION: THE CHALLENGE FOR LAND AND WATER <i>Parviz Koohafkan, FAO</i>
	● CLIMATE CHANGE ADAPTATION STRATEGIES FOR AGRICULTURAL WATER MANAGEMENT IN TAIWAN <i>Ray-Shyan Wu, Chinese Taipei</i>
	● PROJECTING FUTURE PADDY IRRIGATION DEMANDS IN KOREA <i>Sang-Ok Chung, Korea</i>
	● ADAPTATION TO CLIMATE VARIABILITY IN SADC FARMING SYSTEMS <i>Sue Walker, South Africa</i>
● IMPACT OF CLIMATE CHANGE ON WATER RESOURCES AND ADAPTATION MEASURES IN THE CHAO PHRAYA RIVER BASIN <i>Katushiro Higuchi, Japan</i>	

Time	Program
11:30-12:30	<ul style="list-style-type: none">● RISK ANALYSIS AND INTEGRATED WATER RESOURCES MANAGEMENT BASED ADAPTATION STRATEGIES FOR ZAYANDEH RUD IRRIGATION SYSTEM, IRAN <p><i>Alireza Massah, Iran</i></p>
	<ul style="list-style-type: none">● IMPACTS OF CLIMATE CHANGE ON GROUNDWATER <p><i>Zhanyi Gao, China</i></p>
	<ul style="list-style-type: none">● CALSIMETAW AND WEAP MODELS FOR WATER DEMAND PLANNING <p><i>Mohammad Rayej, USA</i></p>

**Poster Presentation For
Q56.5 & Q57 (9:00-12:30)
IMIC (13:30-17:00)**

Friday, Oct 21, 2011

8TH INTERNATIONAL MICRO-IRRIGATION CONGRESS

**KEYNOTE SPEECH
(9:00-9:20)**

By
President Chandra Madramootoo

(Hall #1)

8th International Micro Irrigation Congress (Session-I) (9:20-12:30)

Friday, Oct 21, 2011

Time	Program
9:20-11:00	● Application of Value Engineering in Irrigation and Drainage Projects <i>K. Emami, Iran</i>
	● Drip Irrigation Scheduling of Citrus Orchard in Tunisia <i>hafedh Jamil, Tunisia</i>
	● Effect of Negative Pressure Difference Irrigation on Soil Wetting Pattern <i>Teruyuki Fukunava, Japan</i>
	● Model of the Soil Wetting Shape under Drip Irrigation on Sloping Lands by Using Dimensional Analysis Technique <i>Farhad Mirzaei, Iran</i>
	● Drip and Filtration Equipment's Performance <i>Felix Reinders, South Africa</i>

Time	Program
11:30-12:30	<ul style="list-style-type: none"> ● Effects of Drip Irrigation and Fertigation Levels on the Yield and Quality of Muscat Grapes(<i>Vitis Vinifera</i>) <i>Natarajan Asokaraja, India</i>
	<ul style="list-style-type: none"> ● Optimization of Water and Nutrient Requirement for Yield Maximization in Hybrid Rice Under Drip Fertigation System <i>V. Kumar, India</i>
	<ul style="list-style-type: none"> ● Effect of Drip Irrigation and Plastic Mulch on Yield and Early Harvest of Muskmelon under Semi-Arid Climatic Conditions <i>Mehdi Akbari, Iran</i>
	<ul style="list-style-type: none"> ● Effect of Surface and Subsurface Drip Irrigation Methods and Irrigation Frequency on Cotton Yield and Water Use Efficiency <i>Mohammad Jolaini, Iran</i>

8th International Micro Irrigation Congress (Session-II) (13:30-17:00)

Friday, Oct 21, 2011

Time	Program
13:30-15:15	<ul style="list-style-type: none">● Micro Irrigation Technologies for Enhanced Crop And Water Productivity-Experiences of Andhra Pradesh, India <i>K. Yella Reddy, India</i>
	<ul style="list-style-type: none">● Challenges of Converting to Efficient Water Saving Irrigation in Syria <i>Awadis Arsalan and Bassam Al-Husein, Syria</i>
	<ul style="list-style-type: none">● Application of Brackish Water in Subsurface Drip Irrigation System on Pistachio Orchards <i>Amir Eslami, Iran</i>
	<ul style="list-style-type: none">● Nitrogen and Potassium Citrus Tree Uptake, Fruit Removal and Seasonal Distribution in the Root Zone under Improved Fertigation Management Program <i>Hammami Abdelkader, Tunisia</i>
	<ul style="list-style-type: none">● Stochastic Deficit Micro Irrigation Optimization <i>Hosein Alizadeh, Iran</i>
	<ul style="list-style-type: none">● Pressure Resistant Emitter Design for the Trickle Irrigation System <i>Momon Sodik Imanudin, Indonesia</i>

Time	Program
15:45-17:00	<ul style="list-style-type: none"> ● Impact Assessment of the Micro-Irrigation under Limited (Scarce) Water Availablability in Small And Marginal Farmers Holdings Of Karnataka, India <i>Patel Ramana Gowda, India</i>
	<ul style="list-style-type: none"> ● Study on The Influence of Irrigation Regimes and Fertigation Levels on Sugarcane Under Subsurface Drip Fertigation System <i>V. kumar, India</i>
	<ul style="list-style-type: none"> ● Micro Irrigation in Iran- Current Statues and Future Needs <i>Hossein Dehghanisani, Iran</i>
	<ul style="list-style-type: none"> ● Soil Evaporation in Surface and Subsurface Drip Irrigation in a Maize Field <i>Hanieh Kossari, Iran</i>