



International Workshop on
Drought Management and Desertification Control

Ferdowsi University of Mashhad
22-24 May 2017 - Mashhad, Iran



**CENTRE FOR SCIENCE AND TECHNOLOGY
OF THE NON-ALIGNED AND OTHER DEVELOPING
COUNTRIES (NAM S&T CENTRE)**

AND

FERDOWSI UNIVERSITY OF MASHHAD, IRAN

**INTERNATIONAL WORKSHOP ON
DROUGHT MANAGEMENT AND DESERTIFICATION CONTROL
MASHHAD, IRAN, 22-24 MAY 2017**

WORKSHOP PROGRAMME

<u>SUNDAY, 21ST MAY 2017</u>	
Arrival of Participants	
<u>MONDAY, 22ND MAY 2017</u>	
<u>INAUGURAL SESSION</u>	
TIME	PROGRAMME
08:30 hrs – 09:00 hrs	REGISTRATION
09:00 hrs – 09:05 hrs	Welcome Address by local organizing committee
09:05 hrs – 09:20 hrs	Remarks by Prof. Mohammad Kafi, President FUM and Professor, Department of Agronomy, Faculty of Agriculture, Ferdowsi University of Mashhad (FUM), Mashhad, Iran
09:20 hrs – 09:30 hrs	Remarks by Mr. Rashidian, Governor of Khorasan-Razavi Province, Mashhad, Iran
09:30 hrs – 09:45 hrs	Remarks by Mr. M. Bandyopadhyay, Senior Expert & Administrative Officer, NAM S&T Centre
09:45 hrs – 10:00 hrs	Address by Chief Guest: Dr. Zand, Ministry of Agriculture, Tehran, Iran
10:00 hrs – 10:05 hrs	Vote of Thanks by local organizing committee
10:05 hrs – 10:15 hrs	GROUP PHOTO SESSION
10:15 hrs – 10:45 hrs	TEA/COFFEE



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TECHNICAL SESSION – I		
Chair: Prof. Rguibi Idrissi Hamid (MOROCCO)		
Co-chair: Prof. Amin Alizadeh (IRAN)		
TIME	PAPER TITLE	SPEAKER
10:45 hrs – 11:00 hrs	Problem of Desertification in Developing Countries- A Case Study of the Indian	Dr. Ram Paul Dhir (INDIA)
11:00 hrs – 11:15 hrs	Climate Change and Adaptation Strategies for Water Scarcity in Iran	Prof. Ali Hassanli (IRAN - AUSTRALIA)
11:15 hrs – 11:30 hrs	Water Loss during Recent Droughts in India-Satellite based Estimates	Dr. V.M. Tiwari (INDIA)
11:30 hrs – 11:45 hrs	Diagnosis of Degradation and Vulnerability of Desertification Incubantlands, using Teledetection and Geographical Information Systems. Climate Change Future Scenarios	Dr. Reino Orlay Cruz Diaz (CUBA)
11:45 hrs – 12:00 hrs	Drought Management and Water Harvesting in Sri Lanka	Prof. Prathiba Aruni Weerasinghe (SRI LANKA)
12:00 hrs – 12:15 hrs	Land Degradation and SLM Technologies to combat Degradation and Drought in Bhutan	Mr. Chenga Tshering, (BHUTAN)
12:15 hrs - 12:30 hrs	Water Management and Infrastructure Planning to cope with Water Scarcity in Drought Prone Areas in India	Ms. Geeta (INDIA)
12:30 hrs – 13:00 hrs	DISCUSSION	
13:00 hrs – 14:00 hrs	LUNCH	
TECHNICAL SESSION – II		
Chair: Dr. Buddhi Ratna Khadge (NEPAL)		
Co-chair: Dr. Adel Sepehr (IRAN)		
TIME	PAPER TITLE	SPEAKER
14:00 hrs – 14:15 hrs	Capacity Building and Criticality of People's Participation in Drought Management and Desertification Control in Uganda, East Africa	Dr. Kisamba Mugerwa (UGANDA)
14:15 hrs – 14:30 hrs	Desertification, Wind Erosion and Dust Emission in Iran	Dr. Hamidreza Abbasi (IRAN)



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14:30 hrs – 14:45 hrs	What Strategy to Fight Desertification in Morocco	Prof. Rguibi Idrissi Hamid (MOROCCO)
14:45 hrs – 15:00 hrs	Drought Management and Desertification Control in Northern Nigeria	Mr. Abubakar Shehu Kollere (NIGERIA)
15:00 hrs – 15:15 hrs	Sudan Efforts to combat Desertification (D R I Experience)	Dr. Maha Ali Abd EL-Latif (SUDAN)
15:15 hrs – 15:40 hrs	TEA/COFFEE	

TECHNICAL SESSION – III

Chair: Prof. Prathiba Aruni Weerasinghe (SRI LANKA)

Co-chair: Prof. Abolfazl Mosaedi (IRAN)

TIME	PAPER TITLE	SPEAKER
15:40 hrs – 16:00 hrs	Application of Standardized Precipitation Index (SPI) Computation for Drought Monitoring and Management in Bukit Merah Dam, Malaysia	Mrs. Nurazlina Binti Mohd Zaid (MALAYSIA)
16:00 hrs – 16:15 hrs	Sulphuric Acid as a Chemical Amendment for increasing Efficiency of Reclamation Process of Salt Affected Soils of Iraq	Dr. Baydaa Hassan Alwan, (IRAQ)
16:15 hrs – 16:30 hrs	Drought Monitoring and Forecasting in Iran	Dr. Javad Bodagh Jamali (IRAN)
16:30 hrs – 16:45 hrs	Facing Drought Problems in Indonesia	Dr. Nora Herdiana Pandjaitan (INDONESIA)
16:45 hrs – 17:00 hrs	DISCUSSION	
17:00 hrs >>>>>>>>>>	Sight Seeing followed by Conference Dinner hosted by Prof. Mohammad Kafi, President FUM	





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TUESDAY, 23RD MAY 2017

TECHNICAL SESSION – IV

Chair: Dr. Ram Paul Dhir (INDIA)

Co-chair: Prof. M.T Dastoorani (IRAN)

TIME	PAPER TITLE	SPEAKER
08:30 hrs – 08:45 hrs	Drought Management and Desertification Control in Africa: Issues and Mitigation Strategies with Possible Short and Long Term Solutions	Mr. Oseni Adedayo Olusegun (NIGERIA)
08:45 hrs – 09:00 hrs	Agricultural Drought: Monitoring and Mapping in Iran	Dr. Sanai Nejad (IRAN)
09:00 hrs – 09:15 hrs	Improving Drought Management and Desertification Control in Pakistan - The Perspective and Way Forward	Mr. Muhammad Tahir Saleem (PAKISTAN)
09:15 hrs – 09:30 hrs	Drought Management through the Application of Water Harvesting Techniques in Soumarah Watershed- South West Bank	Mr. Fadel A. A. Almahariq (PALESTINE)
09:30 hrs – 09:45 hrs	Drought Management and Desertification Control	Mr. Tumusiime Collins (UGANDA)
09:45 hrs – 10:00 hrs	Drought Management Strategies in Zimbabwe: Indigenous Practices, Community Approaches and Government Role	Ms. Ruvimbo Nazare (ZIMBABWE)
10:00 hrs – 10:15 hrs	The Role of Local Community in desertification Control Program (Sudan Experience)	Ms. Ola Elias Ahmed Mohamed (SUDAN)
10:15 hrs – 10:40 hrs	DISCUSSION	
10:40 hrs – 11:00 hrs	TEA/COFFEE	

TECHNICAL SESSION – V

Chair: Prof. Ali Hassanli (IRAN)

Co-chair: Dr. Maha Ali Abd EL-Latif (SUDAN)

TIME	PAPER TITLE	SPEAKER
11:00 hrs – 11:10 hrs	Drought Assessment using Remote Sensing and GIS under Climate Change in the Mandalay Region, Myanmar	Mr. Aung Myint (MYANMAR)



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11:10 hrs – 11:30 hrs	Drought Impacts on Water Resources in Iran	Prof. Abolfazl Mosaedi (IRAN)
11:30 hrs – 11:45 hrs	Effect of Drought and Its Management in Nepal	Dr. Buddhi Ratna Khadge (NEPAL)
11:45 hrs – 12:00 hrs	Is Groundwater Table depleting in Barind Tracts over Times	Mr. MD Shafiqul Islam (BANGLADESH)
12:00 hrs – 12:15 hrs	Strategic Plan for enhancing the Tree Cover in Mauritius	Mr. Jhumka Zayd (MAURITIUS)
12: 15 hrs – 12:30 hrs	Issues of Particular Conservation of Wildlife in Semi-Arid Regions: The Case of Burkina Faso	Dr. Ollo Théophile DIBLONI (BURKINA FASO)
12:30 hrs – 13:00 hrs	DISCUSSION	
13:00 hrs – 14:00 hrs	LUNCH	

TECHNICAL SESSION – VI
CONCLUDING SESSION

Chair: Prof. Alireza Kochaki (IRAN)

TIME	PAPER TITLE	SPEAKER
14:00 hrs – 14:20 hrs	Remarks by Mr. M. Bandyopadhyay, Senior Expert & Administrative Officer, NAM S&T Centre	Remarks by Mr. M. Bandyopadhyay, Senior Expert & Administrative Officer, NAM S&T Centre
14:20 hrs – 14:40 hrs	Discussion and Adoption of Mashhad Declaration on: Drought Management and Desertification Control	Discussion and Adoption of Mashhad Declaration on: Drought Management and Desertification Control
14:40 hrs – 15:00 hrs	Closing Remarks by Chairman: Prof. M. Kafi	Closing Remarks by Chairman: Prof. M. Kafi
15:00 hrs – 15:20 hrs	Distribution of Certificates	Distribution of Certificates
15:20 hrs – 15:40 hrs	Vote of Thanks by FUM	
15:40 hrs – 16:00 hrs	TEA/COFFEE	
16:00 hrs – 16:30 hrs	Visit to Mashhad University Campus	
	DINNER	



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WEDNESDAY, 24TH MAY 2016

Field Trip: Binaloud- Nishabour

8:30 - 14

Visit: Arid Landforms, Land Subsidence Features, Khayyam and Attar's Tomb.....

THURSDAY, 25TH MAY 2017

Departure of Foreign Participants

Local Organizing Committee:

President: Prof. Mohammad Kafi

Vice-President: Dr. Ali Akbar Moayedi

Scientific Secretary: Dr. Adel Sepehr

Executive Secretary: Dr. Jafar Nabati

Executive Coordinator: Dr. Reza Aghnoom

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