



Kermanshah  
University



Razi University



Babylon University



The Academy Of Science  
Islamic Republic of Iran

**First International Forum On Natural Airborne Dust in Iran**  
Kermanshah, 23-25 May, 2012

## Schedule Program

### Invited Lecturers ( Shohaday-e-dolat Conference Hall)

Wednesday, May 23, 2012

#### Opening Session

Time	Speaker	Subject
8:00-8:20	-----	Reception/Registration
8:20-8:30	-----	Recitation of the Holy Quran, National Anthems
8:30-8:40	-----	Forum Outline
8:40-8:55	Chancellors of Kermanshah University of Medical Sciences, Razi university and Babylon University of Iraq	Welcome Speech
8:55-9:10	Dr. M. Pirsaeheb: Scientific Chair	Secretariat's Activities and Forum's Aims
9:10-9:15	<b>Video Clip</b>	
9:15-9:30	Dr. M.Vahid Dastjerdi Minister of Health and Medical Education (Iran)	Ministry's Measures Taken for Airborne Dust
9:30-9:45	Mr. Mohammad Javad Mohammadi zadeh President's Deputy and the Head of Iran Department of Environment	Department of Environment's Measures Taken for Airborne Dust
9: 45-10:00	Sayed Dadvash Hashemi The Governor of Kermanshah Province	The Province's Approach to Airborne Dust
10:00-10:30	<b>Tea/Coffee Break</b>	
<b>Lecture Session (1)</b>		
<b>Panel Members :Dr. Mesdaghinia, Dr. Shaeri, Dr. Nikbakht, Dr. Khodaei, Dr. Faris, Dr. Shaygan</b>		
10:30-10:50	Dr. Ali Darvishi Bolorani	The Investigation of Dust Storm Entering the West of Iran Using Remotely Sensed Data and Synoptic Analysis



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10:50-11:10	Dr. Manizheh GhahroudiTali	An Investigation on the Origins of Dust Storms and Their Development over Iran
11:10-11:30	Dr: Moustafa Sohrabpour	Elemental tale of two cities of Arak and Tehran under the presence of dust storm and comparison with clean conditions
11:30-11:35	<b>Video Clip</b>	
11:35-11:55	Dr. Koohsar Khaledi	Studying Economic Effects of Dust Storms on the Economy of Iran
11:55-12:15	Dr. Khosro Ashrafi	Dust storm Simulation over Iran Using Hysplitse studies: May and June 2010 Dust events
2:15-12:35	Dr. Abbas Ranjbar	Examine the Phenomenon of Dust in the West of Iran Meteorological Perspective (Short-term and Long-term Study)
12:35-14:20	<b>Prayer , Lunch</b>	
<b>Lecture Lesson (2)</b>		
<b>Panel members:</b> Dr. Naseri, Dr. Bodagh Jamali, Dr. Najafi, Dr. Jalali, Dr. Bahrami, Dr. Khalesifar		
14:20-14:40	Dr. Ata Amini	The Impacts of Integrated Water Resources Management on Dust Storms in Mesopotamia Marshlands
14:40-15:00	Dr. Farahnaz Taghavi	The Detection of Dust Events Based on Visible and Infrared RS Techniques
15:00-15:20	Dr. Abbas Mofidi	The Role of Low Level Jets in the Formation and Evolution of Summertime Dust Storms over Southeastern and Southwestern of Iran
15:20-15:25	<b>Video Clip</b>	



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15:25-15:45	Dr. Ali DarvishiBolorani	Automatic Determination of Dust Storm Using MODIS Satellite Images
15:45-16:05	Dr. Abbas Shamsavani	Elemental and Carbonaceous Characterization of TSP and PM10 During the Middle Eastern Dust (MED) Storms in Ahvaz, Southwestern Iran
16:05-16:25	Dr. Mozafar Sharifi	Effects of Dust on Productivity (Biomass, Chlorophyll <i>a</i> , <i>b</i> and Photosynthesis Yield) of Mums( <i>Chrysanthemum indicum</i> )
16:55-16:25	<b>Tea/Coffee Break</b>	
<b>Lecture Session (3)</b>		
<b>Panel members:</b> Dr. Nadafi, Dr. Taghavi, Dr. Sharifi, Dr. Sohrabpour Dr. Darvishi, Dr. Almasi		
16:55-17:15	Dr. Hazim Aziz Hamza AL-Robia	Plants as Bio-indicators of Particulate Pollution Produced by Fugitive Dust from Kufa and Najef Cement Factories:
17:15-17:35	Dr. GholamReza Goudarzi	Characteristics of Indoor Airborne Fungi During Normal and Dust Event Days in Ahvaz
17:35-17:55	Dr. Hamid Reza Khalesifard	Columnar Aerosol Size Distribution Function Obtained by Inversion of Spectral Optical Depth Measurements for the City of Zanjan in Iran
17:55-18:00	<b>Video Clip</b>	
18:00-18:20	Mr. Ali Moridnezhad	A Synergy of MODIS, MISR and AERONET Data for Assessing Temporal Changes of Aerosols over the Kermanshah Region From 2001 to 2011
18:20-18:40	Dr. Jalil Sahraei	A Statistic-synoptic Study of Dust Storm Phenomenon in Kermanshah



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18:40-19:00	Dr. Ali Farzi	The Use of Nano-structure Polymers in Dust Control
19:15-22:00	Visiting Taq-e Bostan Historical Complex, and Dinner	
<b>Second Day, Thursday, May 24, 2012</b>		
<b>Parallel Forums</b>		
Time	Coordinator	Subject
8:30-10:30	Dr. Jamshid Derayat	Dust sources, identification and generation (causes and control)
	Dr. Jalil Sahraee	Transmission and dispersion Patterns and its models
	Dr. Mozafar Sharifi	Quantitative and Qualitative assessment and environmental, economical and health impacts (Prevention and control requirements)
10:30-11:00	<b>Tea/Coffee Break</b>	
11:00-11:45	Continuation of Committees' Discussion	
11:45-12:30	Presenting the Results of Committees' Discussion	
12:30-14:30	<b>Prayer, lunch</b>	
14:30-15:00	Summing up, Preparing and Presenting the Concluding Resolution	
15:00-16:00	Appreciations, Closing program	
16:00-18:00	Visiting the Traditional Market	
<b>Friday, 25 May 2012</b>		
8:30-12:30	Visiting Bistun Inscription	
12:30-14:30	<b>Prayer, lunch</b>	