**1st AFRICA/MIDDLE-EAST EXPERT MEETING AND**

**WORKSHOP ON THE HEALTH IMPACT OF AIRBORNE DUST**

**AMMAN, JORDAN, 2-5 NOVEMBER 2015**

**PROGRAMME**

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| **MONDAY, 2 NOVEMBER 2015** |
| 08:30 – 09:00 | Registration and Networking |  |
|  | **Opening Session and Remarks** |  |
| 09:00 – 09:10 | Message from World Health Organization /Regional Centre for Environmental Health Activities | *Dr Ahmad Basel Al-Yousfi, Director, WHO/CEHA* |
| 09:10 – 09:20 | Message from United Nation Environment Programme / Regional Office for West Asia | *Dr Abdul-Majeid Haddad, Regional Climate Change Coordinator, UNEP/ROWA* |
| 09:20 – 09:30 | Message from State Metrological Agency of Spain (AEMET) | *Dr Enric Terradellas, Technical Director, WMOSDS-WAS Regional Center for Northern Africa, Middle East and Europe* |
| 09:30 – 09:40 | Message from European Organization for the Exploitation of Meteorological Satellites (EUMETSAT) | *Mr Jose Prieto* |
| 09:40 – 09:50 | Message from World Meteorological Organization (WMO) | *Prof. Alexander Baklanov, World Meteorological Organization (WMO)* |
| 09:50 – 10:00 | Message from H.E. Minister of Environment | *H.E. Dr Taher Shakhshir* |
| 10:00 – 10:10 | Objectives and expected outcome of the consultation  | *Mr Mazen Malkawi, Environmental Health Exposure, WHO/CEHA* |
| 10:10 – 10:30 | Introduction of participants, adoption of the programme, and election of consultation officers |  |
|  | Group Photo |  |
| 10:30 – 10:45  | Coffee Break |  |
|  | **Airborne Dust Cycle and Monitoring** |  |
| 10:45 – 11:30 | The dust cycle and impacts | *Dr Enric Terradellas* |
| 11:30 – 11:45 | Sand and Dust Storm Warning Advisory and Assessment System | *Prof. Alexander Baklanov* |
| 11:45 – 12:30 | Ground Observation of Airborne Dust | *Mr Sergio Roriguez* |
| 12:30 – 13:15 | Satellite Observation of Airborne Dust | *Mr Jose Prieto* |

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| 13:15 – 14:15 | Lunch and Prayers Break |  |
|  | **Air Borne Dust Modelling And Forecast** |  |
| 14:15 – 15:00 | Dust Modelling and Prediction  | *Ms Sara Basart* |
| 15:00 – 15:30  | Dust Forecast Services  | *Mr Francesco Benincasa* |
| 15:30 – 15:45  | Coffee Break |  |
| 15:45 – 17:15 | Country Presentations: Meteorological  |  |
| **TUESDAY, 3 NOVEMBER 2015** |
|  | **Health Impact of Air Pollution with Focus on Particulate Matter** |  |
| 09:00 – 09:30 | Health Impact of Outdoor Air Pollution in the Eastern Mediterranean Region | *Mr Mazen Malkawi* |
| 09:30 – 10:00 | WHO Air Quality Guidelines | *Ms Marie-Eve Heroux* |
| 10:00 – 10:30 | Particulate Matter and Health: Update on WHO’s View on its impact on health with focus on mineral dust | *Mr Michal Krzyzanowski* |
| 10:30 – 10:45  | Coffee Break |  |
|  | **Environmental and other Impacts of Sand and Dust** |  |
| 10:45 – 11:15 | The Environmental Dimension of Sand and Dust | *Dr Abdul Majeid Haddad* |
| 11:15 – 12:00 | Dust Impact in Urban Areas: An Overview | *Mr Sergio Rodriguez* |
| 12:00 – 12:30 | Dust and Meningitis in Africa | *Mr Carlos Perez* |
| 12:30 – 12:45 | HEALTHMET, A project on climate and health in West Africa | *Ms Delia Gutiérrez* |
| 12:45 – 13:00 | The need for an aerosol data base to be utilized for the health effects assessment in Jordan | *Dr Tareq Hussein*  |
| 13:00 – 14:00 | Lunch and Prayers Break |  |
|  | **Environmental and Health Interventions to Mitigate Airborne Dust Impacts** |  |
| 14:00 – 14:30 | Source Apportionment: Experience from the Region | *Dr James Schauer* |
| 14:30 – 14:45 | Environmental Interventions – National and Regional Approaches | *Dr Abdul Majeid Haddad* |
| 14:45 – 15:00 | Health Interventions | *Mr Mazen Malkawi* |
| 15:00 – 15:15 | Coffee Break |  |
| 15:15 – 17:00 | **Country Presentations: Health and Environment** |  |
| 17:00 – 17:30 | IHME Global Burden of Disease 2013 | *Mr Aaron Cohen* |
| 17:30 – 18:00 | Review of Evidence on Dust and Health and Dust Coverage in the GBD 2013 | *Mr Michael Brauer* |
| **WEDNESDAY, 4 NOVEMBER 2015** |
| 09:00 – 09:45 | Literature Review: Air Quality and Health in the Eastern Mediterranean Region |  |
| 09:45 – 13:00 | Research on Air Quality and Health in the Middle East and North Africa |  |
| 13:00 – 14:00 | Lunch Break |  |
| 14:00 – 16:00 | Group Work on Interventions |  |
| 16:00 – 17:00 | Presentation of Group Work |  |
| **THURSDAY, 5 NOVEMBER 2015** |
| 09:00 – 12:00 | Group work for identifying gaps and needed action in the three sectors: Meteorological, Environment and Health |  |
| 12:00 – 12:45 | Presentation of Group work |  |
| 12:45 – 13:00 | Closing Remarks |  |
| 13:00 – 14:00 | Lunch and Prayers Break |  |