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## **Second Steering Committee Meeting (SCM 2) of the Black Sea and Middle East Flash Flood Guidance (BSMEFFG) System and FFG Training for the Jordan Meteorological Department (JMD)**

Amman, Jordan, 11-13 April 2017

### **Workshop Agenda**

#### **Day 1**

- 09:00-09:15 Registration of participants  
 09:15-09:45 Opening of the workshop (JMD, WMO, HRC)  
 09:45-10:15 Introduction of participants (*All*)  
 10:15-10:30 Overview and Purpose of the Workshop (WMO)

#### **10:30-11:00 Tea Break**

- 11:00-11:30 Overview of BSMEFFGS Forecaster Console and Dashboard (WMO)

- 11:30–12:30 Overview of BSMEFFGS Products: Precipitation (HRC)

- Satellite/Radar Precipitation Estimation
- Bias adjustments
- Merged Mean Areal Precipitation (merged MAP)
- Multi model NWP Precipitation Ingestion
- Forecast Mean Areal Precipitation (FMAP)

#### **12:30-14:00 Lunch Break**

- 14:00-14:30 Overview of BSMEFFGS Products (Continued) (HRC, WMO)

- Average Soil Moisture (ASM)
- Flash Flood Guidance (FFG)
- Flash Flood Threats (IFFFT, PFFT, FFFT)

- 14:30-15:00 Overview of BSMEFFGS Products (Continued): Snow Products (HRC)

- Snow Water Equivalent (SWE)
- MELT

- Snow Coverage

15:00-15:30 BSMEFFGS System Operational Concept (WMO)

**15:30-16:00 Tea Break**

16:00-16:30 Guidance for Preparation of flood warnings (WMO)

- Interpretation of weather analysis and forecasts
- Mesoscale and Nowcasting Analysis
- Weather RADAR and Satellite images
- Interpretation of BSMEFFG Products

16:30-17:00 A case Study: Flash Floods Caused by Frontal System (WMO)

16:00-17:30 A Case Study: Flash Floods Caused by Convective System (WMO)

**Day 2**

09:00-09:30 Review of Day 1

09:30-11:00 FFGS Simulator (Petra Mutic)

**11:00-11:30 Tea Break**

11:30-12:30 A Flash Flood Case Study for Jordan (Dafi Alryalat)

**12:30-14:00 Lunch Break**

14:00-15:30 Hands-on Exercise for Past Events in the region (Guided by WMO, All)  
(example “daily operations”)

- Daily Weather Briefing
- Hydrologic Output
- BSMEFFG Product Analysis
- Flash Flood Threats
- Discussion

**15:30-16:00 Tea Break**

16:00-17:30 Hands-on Exercise for Past Events in the region (Guided by WMO, All)  
(example “daily operations”)

- Daily Weather Briefing
- Hydrologic Output
- BSMEFFG Product Analysis
- Flash Flood Threats
- Discussion

19:00 *Welcome Dinner hosted by Jordan Meteorological Department*

### **Day 3**

09:00-09:30 Review of Day 2

09:30-11:00 Hands-on Exercise for Past Events in the region (Guided by WMO, All)  
(example “daily operations”)

- Daily Weather Briefing
- Hydrologic Output
- BSMEFFG Product Analysis
- Flash Flood Threats
- Discussion

**11:00-11:30 Tea Break**

**11:30-13:00** Hands-on Exercise for Past Events in the region (Guided by WMO, All)  
(example “daily operations”)

- Daily Weather Briefing
- Hydrologic Output
- BSMEFFG Product Analysis
- Flash Flood Threats
- Discussion

**12:30-14:00 Lunch Break**

14:00-14:30 A Flash Flood Case Study and Discussions (Ertan Turgu, Turkey)

14:30-15:00 Preparations of Operational Flash Flood Bulletins and Warnings (TSMS)

15:00-16:00 An overview of the BSMEFFG system operations and recommendations for further applications (All)

**16:00-16:30 Tea Break**

16:30-17:00 Dissemination of flash flood Warnings and Emergency Management Agency (EMA) Needs and How to Improve Service Delivery of Flash Flood Warnings to EMA and Public (All)

17:00-17:30 Forecasters Expectations and Recommendations (All)

17:30-18:00 Final Discussions and Closure (All)

**-End of Workshop-**