



Turkish Ministry of Forestry
and Water



World
Meteorological
Organization
Weather • Climate • Water



Turkish State
Meteorological Service

International Conference on Promoting Weather and Climate Information for Agriculture and Food Security

Antalya, Turkey
7 to 9 April 2014

Programme

MONDAY, 7 APRIL 2014

08:00-09:30 hrs Registration

SESSION 1: OPENING OF THE WORKSHOP

- 09:30 hrs** **Welcome**
Mustafa Yildirim
Deputy Director-General, Turkish State Meteorological Service (TSMS)
- 09:35 hrs** **Address**
Byong-Lyol Lee
President, Commission for Agricultural Meteorology
World Meteorological Organization (WMO)
- 09:45 hrs** **Address**
Robert Stefanski
Chief, Agricultural Meteorology Programme
WMO, Switzerland
- 09:50 hrs** **Keynote Address**
Food security in a warmer world: Wheat, viticulture, livestock and fisheries
Jim Salinger
Visiting Research Scientist
IBIMET-CNR
Rome, Italy
- 10:20 hrs** **Vote of Thanks**
Enver Erbaş
TSMS
- 10:30 hrs** **Group Photograph and Tea/Coffee Break**

**SESSION 2: Weather and Climate Information for Agriculture and Food Security:
Regional Examples**
(Chairman: Robert Stefanski Rapporteur: Vernon Carr)

- 11:00 hrs** **Experience from West Africa**
Daouda Diarra
Mali Meteorological Service
- 11:30 hrs** **Case studies for Agrometeorological Services**
Nabansu Chattopadhyay
India Meteorological Department, India
- 12:00 hrs** **Experiences from Paraguay**
Edgar Mayeregger
Ministry of Agriculture, Paraguay
- 12:30 hrs** **Lunch**
- 14:00 hrs** **Caribbean Agrometeorological Initiative (CAMI)**
Adrian Trotman
Caribbean Institute for Meteorology and Hydrology, Barbados
- 14:30 hrs** **Climate Field School for Supporting Food Security Program in Indonesia**
Utomo Joko
Indonesian Meteorological and Geophysical Agency, Indonesia
- 15:00 hrs** **Climate changes and trends in phenology of fruit tree and field crop in Turkey**
Serhat Sensoy
Turkish State Meteorological Service
- 15:30 hrs** **Tea/Coffee Break**
- 16:00 hrs** **Agrometeorological Activities in Tanzania**
Issac Yonah
Tanzania Meteorological Agency, Tanzania
- 16:30** **Discussion**
- 17:00 hrs** **Adjournment**
- 18:00 hrs** **Workshop Reception**

TUESDAY, 8 APRIL 2014

SESSION 3: Weather and Climate Services and Tools for the Farming Community
(Chairman: Kazuhiko Kobayashi Rapporteur: James Adamu)

- 09:00 hrs** **The Agroclimate Impact Reporter: First-ever online application in Canada for reporting the impacts of severe weather and climate on agriculture**
Allan Howard
Agriculture and Agri-Food Canada
- 09:30 hrs** **Agromet Services for Sustainable Cropping Systems**
Sue Walker
Crops for the Future Research Centre, Malaysia & University of the Free State, South Africa
- 10:00 hrs** **US Drought Monitoring and Tools**
Harlan Shannon
USDA, USA

- 10:30 hrs** **Tea/Coffee Break**
- 11:00 hrs** **Agricultural drought monitoring: developments in Slovenia and in the framework of the DMCSEE**
Andreja Sušnik
Environmental Agency of Slovenia
- 11:30 hrs** **Crop Zoning - Weather and climate information for farmers**
Orivaldo Brunini
Agronomic Institute, Brazil
- 12.00hrs** **Discussion**
- 12:30 hrs** **Lunch**

SESSION 4: Provision of Weather and Climate Information for Sustainable Food Supplies
(*Chairman: Federico Spanna* *Rapporteur: John Prueger*)

- 14:00 hrs** **FAO's work related to weather and climate information services**
Selvaraju Ramaswamy
FAO, Rome, Italy
- 14:30 hrs** **Weather and Climate Information for West African Agriculture**
Seydou Traore
AGRHYMET Centre, Niger
- 15:00 hrs** **Climate forecasting advances and agricultural risk management in Australia**
Roger Stone
University of Southern Queensland, Australia
- 15:30 hrs** **Tea/Coffee Break**
- 16:00 hrs** **Impacts of air pollution on agriculture**
Gufran Beig
Indian Institute of Tropical Meteorology, India
- 16:30 hrs** **Experiences from West Africa**
Judith Sanfo
Meteorological Service of Burkina Faso
- 17:00 hrs** **Weather and Climate Information for Agriculture in Argentina**
Roberto Seiler
University of Rio Cuarto, Argentina
- 17:30 hrs** **Adjournment**
- 17:35 hrs** **Side Event: Agricultural Meteorology in Turkey**
Turkish State Meteorological Service and Ministry of Agriculture
- 19:00 hrs** **Side Meeting: Global Federation of Agricultural Meteorological Societies (GFAMS)**
Closed Meeting

POSTER SESSION: GLOBAL FEDERATION OF AGRICULTURAL METEOROLOGICAL SOCIETIES (GFAMS)
8 April (afternoon) to 11 April

WEDNESDAY, 9 APRIL 2014

SESSION 5: New Techniques for Better Use of Climate Information For Agricultural Decision Making

(Chairman: *Visnja Vucetic* Rapporteur: *Shontelle Stoute*)

- 09:00 hrs** **The carbon footprint of agricultural products: A measure of the impact of agricultural production on climate change**
Raymond Desjardins
Agriculture and Agri-Food Canada
- 09:30 hrs** **Integrating Multi-Sensor Remote Sensing and In-situ Measurements for Surface Soil Moisture Monitoring**
John Qu
George Mason University, Fairfax, USA
- 10:00 hrs** **Drought risk management scheme: a decision support system**
Elena Mateescu
Romania Meteorological Service, Romania
- 10:30 hrs** **Tea/Coffee Break**
- 11:00 hrs** **Chinese Agricultural Adaptation Strategies and Climate Information**
Guangsheng Zhou
China Meteorological Administration, China
- 11:30 hrs** **Decision Support System on Agriculture based on GIS tools**
Antonio Mestre
Spanish State Agency for Meteorology, Spain
- 12:00 hrs** **Ultra-high resolution seasonal temperature and precipitation prediction for agricultural region in the Korean peninsula and Greater Horn of Africa**
Jaiho Oh
Pukyong National University, Republic of Korea
- 12:30 hrs** **Lunch**

SESSION 6: Global Framework of Climate Services for Agriculture and Food Security

(Chairman: *Federica Rossi* Rapporteur: *Jose Camacho*)

- 14:00 hrs** **GFCS for Agriculture and Food Security**
Robert Stefanski
WMO
- 14:20 hrs** **Discussion**

SESSION 7: Workshop Recommendations

- 15:00 hrs** **Promoting Weather and Climate Information for Agriculture and Food Security: Workshop Summary and Recommendations**
Robert Stefanski
WMO
- 15:30 hrs** **Discussion**

SESSION 8: Workshop Closure

- 16:00 hrs** **Vote of Thanks on behalf of Co-Convenors**
Robert Stefanski
WMO
- 16:30 hrs** **Vote of Thanks from Host Country**
Hayreddin Bacanlı
Head of Research Department, TSMS
- 16:40 hrs** **Workshop closure**
Enver Erbaş
TSMS