

Workshop Evaluation

M.V.K. Sivakumar

World Meteorological Organization
7bis Avenue de la Paix, 1211 Geneva 2, Switzerland

Introduction

The Inter-Regional Workshop on Strengthening Operational Agrometeorological Services was co-sponsored by the World Meteorological Organization (WMO), the Food and Agriculture Organization (FAO), and the Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA).

The Thirteenth Session of the Commission for Agricultural Meteorology (CAgM-XIII) of WMO held in October 2002 in Slovenia considered the need to improve agrometeorological services to increase agricultural production and to conserve the environment and identified this aspect as one of three priority areas to be addressed during 2004-2007. This Inter-Regional Workshop was organized in response to the recommendation of CAgM-XIII with the objective of evaluating how the National Meteorological and Hydrological Services (NMHSs) provide operational agrometeorological services to the various user communities at the national levels, identifying shortcomings and limitations, assessing how the organizational structures of the National Services and their links with other government agencies can be adopted in the most cost-effective manner to serve the needs of the customers, and formulating an effective strategy to build the capacity of the NMHSs in the different WMO regions to strengthen their operational agrometeorological services.

Twenty eight participants from 19 countries, including 4 from the Philippines, attended the workshop.

Format for the Inter-Regional Workshop

The workshop programme consisted of eight technical sessions. The first three sessions presented perspectives on operational agrometeorological services currently being provided at the national and regional levels and the international perspectives. This was followed by two sessions focusing on a critical review of strengthening operational agrometeorological services and needs from the agricultural sector.

The final three sessions of the workshop were devoted to three brainstorming sessions involving all the participants in a target-oriented interactive session format. In the first session, the critical issues in strengthening operational agrometeorological services were identified. This was followed by an interactive session in prioritizing the issues. Finally, recommendations were drawn on addressing the priority issues.

Workshop evaluation

In order to facilitate the evaluation of the workshop and help obtain feedback from the participants, an evaluation form was circulated on the final day. A summary of participant evaluation of the workshop is shown in the following table. About 90 percent of the participants felt that the program met the expressed objectives of the workshop. The quality of the workshop program was rated by 100 percent of the participants as being very good to good. Forty-five percent of the participants rated the workshop as excellent, while 50 percent rated it as very successful.

Summary of Workshop Evaluation
(Responses given in percentage of the total participants (20)
responding to the evaluation form)

QUESTION	Very well met/very relevant/very good/excellent	Fully met/relevant/good/very successful	Nearly met/adequate/successful	Yes/fair	No/not met/inadequate/poor	No response
1. Did the programme meet the expressed objectives?	70	20	10	-	0	0
2. Will the knowledge acquired help you contribute more effectively to your Service?	-	-	-	100	0	0
3. How relevant was the programme to your work?	65	35	0	-	0	0
4. Did you receive advice relevant to your work?	-	-	-	90	10	0
5. Did you have any language difficulties?	-	-	-	30	70	0
6. Quality of pre-workshop information?	50	50	0	-	0	0
7. Quality of service received from UNDP/WMO regarding the travel arrangements?	60	20	15	-	5	0
8. Quality of WMO assistance?	75	25	0	-	0	0
9. Quality of assistance received on arrival in Manila	65	25	10	-	0	0
10. Quality of workshop programme?	85	15	0	-	0	0
11. Was duration of programme adequate?	-	-	-	95	5	0
12. Do you have any suggestions for future workshops of this nature?	-	-	-	35	60	5
13. How would you rate the overall events?	45	50	5	-	0	0
14. Did you encounter any problems with regard to travel arrangements, stipend payments, accommodation arrangements, etc.?	-	-	-	30	70	0

LIST OF PARTICIPANTS
Inter-Regional Workshop on Strengthening Operational
Agrometeorological Services at the National Level
Manila, Philippines
March 22-26, 2004

Haroun Abdalla

General Director,
Meteorological Authority
P.O. Box 574
Khartoum, Sudan
Tel: 249 11 778837
Fax: 249 11 771693
E-mail:ersad@sudanmail.net
haroun_abdalla@hotmail.com

Constantino Alarcon Velazco

Director-General de Agrometeorological
Servicio Nacional de Meteorologia
E Hidrologia (Senamhi)
Jr. Cahuide 785
11 Lima, Peru
Tel: 511 6141414
Fax: 511 4717287
E-mail:calarcon@senamhi.gob.pe

Istiqlal Amien

Senior Scientist & Program Coordinator
Agroclimate & Hydrology Research
Institute
Jalan Laladon 43
16610 Bogor, Indonesia
Tel: 62 25 1621067 and 62 25
1312760
Fax: 62 25 1312760
E-mail:i_amien@yahoo.com

Jeff Andresen

Geography Department
Michigan State University
417 Natural Science Building
East Lansing, Michigan 48824-1115
Tel: 1 517 355 0231
Fax: 1 517 432 1076
E-mail:Andresen@msu.edu

Michele Bernardi

Science Officer
Environment and Natural Resources
Service
Food and Agriculture Organization
of the United Nations
Viale delle Terme di Caracalla
00100 Rome, Italy
Tel: 39 0657052442
Fax: 39 0657053369
E-mail:Michele.Bernardi@fao.org

Enrique Cortes Betancourt

Ingeniero Meteorologo, M.Sc.
Cenicana, Calle 58N#3BN 110
Cali, Colombia
Tel: 57 2 260 66 11
Fax: 57 2 260 78 53
E-mail:ecortes@cenicana.org

Rizaldi Boer

Department of Geophysics and
Meteorology
FMIPA – Bogor Agricultural University
Jalan Raya Pajajaran
16144 Bogor, Indonesia
Tel: 62 251 313 384
Fax: 62 251 376 817
E-mail:rboer@fmipa.ipb.ac.id

Nathaniel A. Cruz

Chief, Farm Weather Forecasting Section
Philippine Atmospheric, Geophysical and
Astronomical Services Administration
Science Garden Complex,
Agham Road, Dilliman
1104 Quezon City, Philippines
Tel: 63 2 373 3420
Fax: 63 2 434 9026

Paul Doraiswamy

Hydrology and Remote Sensing Lab
Agriculture Research Service
U.S. Department of Agriculture
Bldg. 007, Rm. 104, BARC-W
Beltsville, Maryland 20705
Tel: 1 301 504 6576
Fax: 1 301 504 8931
E-mail:
pdoraiswamy@hydrolab.arsusda.gov

Zoltan Dunkel

Hungarian Meteorological Service
P.O. Box 38, H-1525
Budapest, Hungary
Tel: 36 1 3464664
Fax: 36 1 3464665
E-mail: dunkel.z@met.hu

Miguel Egana

Chief, Agrometeorological Studies
Direccion Meteorologica de Chile
Casilla 63, Aeropuerto Arturo Merino
Benitez
Santiago, Chile
Tel: 562 6763431
Fax: 562 6019590
E-mail: megana@meteorologos.cl

Flaviana D.L. Hilario

Chief, Climate Information Monitoring
and Prediction Services
Philippine Atmospheric, Geophysical and
Astronomical Services Administration
Science Garden Complex
Agham Road, Dilliman
1104 Quezon City, Philippines
Tel: 63 2 373 3420
Fax: 63 2 434 9026

Aida M. Jose

Chief, Climatology & Agrometeorology
Br.
Philippine Atmospheric, Geophysical and
Astronomical Services Administration
Science Garden Complex
Agham Road, Dilliman
1104 Quezon City, Philippines

G.A. Kamali

Islamic Republic of
Iran Meteorological Organization
P.O. Box 13158-461
Tehran, Islamic Republic of Iran
Tel: 98 21 600 47 99 (646 90 47)
Fax: 98 21 646 90 44 or 600 04 17)
E-mail: in.-affairs@irimet.net
Ali_kamali@yahoo.com
Kamali@irimet.net

Rabah Lekhal

FAO Agrometeorologist
Food Agriculture and Animal Husbandry
Information Management and Policy Unit
Ministry of Agriculture & Animal
Husbandry
FAO Representation in Afghanistan
UNDP compound, Foreign Ministry Road
Kabul, Afghanistan
Tel: 93 7028 7088
E-mail: lekhal_biometeo@yahoo.fr
Rabah.Lekhal@af.fao.org

Adriana Cornelia Marica

Chief of AgroMet Division,
Senior Researcher
National Institute of Meteorology
and Hydrology
Sos. Bucuresti-Ploiesti 97
Bucharest, Romania
Tel: 40 21 230 3116
Fax: 40 21 230 3143
E-mail: Adriana.marica@meteo.inmh.ro

Raymond P. Motha

President CAgM
USDA Chief Meteorologist
U.S. Department of Agriculture
1400 Independence Avenue
Room 4441 South Building
Washington, D.C. 20250
Tel: 1 202 720-8651
Fax: 1 202 690-1805
E-mail: rmotha@oce.usda.gov

Thierry Negre

European Commission
Joint Research Center
Institute for the Protection and
Security of the Citizen (IPSC) - MARS
Unit
TP 266
21020 Ispra (VA), Italy
Tel: 39 332 786102
Fax: 39 332 789029
E-mail: Thierry.negre@irc.it

Nathaniel T. Servando

Deputy Director for Research
and Development
PAGASA, Science Garden Complex
Agham Road, Dilliman
1104 Quezon City, Philippines

Hayat Khan Shams

National Agrometeorologist
Food Agriculture and Animal Husbandry
Information Management and Policy Unit
Ministry of Agriculture and
Animal Husbandry
FAO Representation in Afghanistan
UNDP compound, Foreign Ministry Road
Opposite Turkish Embassy
Kabul, Afghanistan
Tel: 93 230 0760
E-mail: hayat-khan-shams@yahoo.com

M.V.K. Sivakumar

Chief, Agricultural Meteorology Division
World Climate Programme Department
World Meteorological Organization
7bis Avenue de la Paix
Case postale 2300
Ch-1211 Geneva 2, Switzerland
Tel: 41 22 730-8380
Fax: 41 22 730 8420
E-mail: msivakumar@wmo.int

Robert Stefanski

Agricultural Meteorology Division
World Climate Programme Department
World Meteorological Organization
7bis Avenue de la Paix
Case postale 2300
Ch-1211 Geneva 2, Switzerland
Tel: 41 22 730 8305
Fax: 41 22 730 8181
E-mail: Rstefanski@wmo.int

Oscar Solano

Instituto de Meteorologia
Apartado 17032, C.P. 11700
17 Habana, Cuba
Tel: 537 8670714/537 8670722/26
Ext. 258
Fax: 537 8668010 and 537 8670710
E-mail: osolano@met.inf.cu

Arjunapermal Subbiah

Senior Technical Adviser
to the Extreme Climate Programme
Asian Disaster preparedness Center
P.O. Box 4
Klong Luang, Pathumthani
Thailand 12120
Tel: 66 02 516 5900
Fax: 66 02 524 5350
E-mail: subbiahwater@yahoo.com
subbiah@ait.ac.th
subbiah@adpc.net

Seydou Traore

Agrometeorology Expert
Methods & Applications Unit
AGRHYMET Regional Centre
P.O. Box 11011
Niamey, Niger
Tel: 227 73.31.16 and 73.24.36
Fax: 227 72.24.35
E-mail: s.traore@agrhymet.ne

Isaac Tarakidzwa

The United Nations World Food Programme
15 Natal Road
Belgravia Harare, Zimbabwe
Tel: 263 4 799213/15/16
(263 11 412548)
Fax: 263 4 799214
E-mail: Isaac.tarakidzwa@wfp.org

Nguyen Van Viet

Director, Agrometeorological
Research Centre
Institute of Meteorology and Hydrology, Monre
18 Nguyen Chi Thanh Street
Lang Trung, Dong DA
Ha Noi, Socialist Republic of Viet Nam
Tel: 4 4 8358626
Fax: 84 4 8355993 and 84 4 8358626
E-mail: agromviet@hn.vnn.vn

Radha Krishna Murthy Vasiraju

Associate Professor
ANGR Agricultural University
College of Agriculture, Dept. of Agronomy
Rajendranagar, Hyderabad 500030
Andhra Pradesh, India
Tel: 91 40 40 150 11 (ext 362)
Fax: 91 40 40 150 31
E-mail: vrkmurthy11@hotmail.com

Sue Walker

Agrometeorology Division
Department of Soil, Crop and
Climate Sciences
University of Free State
P.O. Box 339 (internal 60)
9300 Bloemfontein, South Africa
Tel: 27 51 401 2222
Fax: 27 51 401 2212
E-mail: walkers.sci@mail.uovs.ac.za