Expert Team 1.3 of the CAgM on
Agrometeorological Aspects of Sustainable
Agricultural Development

Antonio Mestre
CAgM Open Programme Area Groups (OPAGs)

At the 14th session of the Commission of Agricultural Meteorology in India in 2006, the Commission continued to use an Open Programme Area Group (OPAG) concept

OPAG 1: Agrometeorological Services for Agricultural Production

• 1.1 - ICT for Agrometeorological Services (ICAS)

• 1.2 - ET on the Content and Use of Agrometeorological Products by Farmers and Extension Services (ETCUAP)

• 1.3 - ET on Agrometeorological Aspects of Sustainable Agricultural Development (ETASAD)
Terms of reference of the Implementation/Coordination Team (ICT) on Agrometeorological Services (ICAS)

- a) To review and coordinate the activities of the OPAG, as well as additional related activities of priority to the Commission, in order to ensure their effective implementation and adoption within Member countries;

- b) To consider agrometeorological requirements for developing farm-level strategies and for making specific proposals for applications to agriculture, forestry and fisheries, based on the output of the ETs;

- c) To make recommendations on regional training needs to improve agrometeorological services to various sectors such as agriculture, forestry, fisheries, etc.;
d) To encourage accurate, reliable and systematic procedures for regionalized services to agriculture;

(e) To raise awareness of the work of the OPAG and to capture opportunities for promoting its work;

(f) To liaise with the coordinator for policy support in capacity building and the coordinator for bridging of the gaps between products/methods and producers of the CAgM MG, as appropriate, in the implementation of the activities of the team; and

(g) To prepare reports in accordance with timetables established by the OPAG and/or the MG.
Membership for ICAS

Chair  Ms. Sue WALKER  RA I  (South Africa)

Co-Chair Mr. Alexander KLESHCHENKO  RA VI
(Russian Federation)

Mr. Daouda DIARRA  RA I  (Mali)

Mr. Nguyen VAN VIET  RA II  (Viet Nam, Socialist Rep. of)

Mr. Andres RAVELO  RA III  (Argentina)

Mr. Ricardo ZIMMERMAN  RA IV  (El Salvador)

Mr. Stephen LELLYETT  RA V  (Australia)

Ms. Talia HOROVITZ  RA VI  (Israel)
(a) To review and evaluate the status of agrometeorological applications to conserve and manage natural and environmental resources for the benefit of agriculture, rangelands, forestry, fisheries and other relevant rural activities.

(b) To collect and evaluate case studies of successful measures to manage land use, protect land and mitigate land degradation; and, promote a better understanding of the agrometeorological aspects of land degradation at the national and regional levels.

(c) To review and summarize the different agrometeorological aspects of increasing water use efficiency including watershed management in collaboration with the WMO Commission for Hydrology (CHy), where appropriate.
(d) To establish operational guidelines for fire weather agrometeorology.

(e) To review and summarize the impact of weather and climate information on fisheries.

(f) To provide liaison with JCOMM on the inter-Commission activities on natural disaster reduction in coastal lowland areas.

(g) To prepare reports in accordance with timetables established by the OPAGs and/or MG.
Membership for ETASAD

- Antonio MESTRE RA VI (Spain)
- Sammy KINUTHIA RA I (Kenya)
- Radha Krishna MURTHY RA II (India)
- Constantino ALARCON RA III (Peru)
- Michael BRADY RA IV (Canada)
- Rizaldi BOER RA V (Indonesia)
- Nicholas HOLDEN RA VI (Ireland)
- Geert STERK (Invited expert) RA VI (Netherlands)
# ETASAD activities

<table>
<thead>
<tr>
<th>#</th>
<th>Description</th>
<th>Actions</th>
<th>Responsible Person</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.3</td>
<td><strong>Expert Team on Agrometeorological Aspects of Sustainable Agricultural Development</strong></td>
<td>Meeting of Expert Team</td>
<td>Mr Antonio Barcelo</td>
<td>Jule 2008</td>
</tr>
<tr>
<td></td>
<td><strong>a</strong> To review and evaluate the status of agrometeorological applications to conserve and manage natural and environmental resources for the benefit of agriculture, rangelands, forestry, fisheries and other relevant rural activities</td>
<td>Prepare a draft report to be presented at the ET 1.3 meeting.</td>
<td>Dr. Nick. Holden, Dr. R. Boer, Dr. Kinuthia</td>
<td>Draft report to be presented in the ET meeting in July 2008.</td>
</tr>
<tr>
<td></td>
<td><strong>b</strong> To collect and evaluate case studies of successful measures to manage land use, protect land and mitigate land degradation; and, promote a better understanding of the agrometeorological aspects of land degradation at the national and regional levels</td>
<td>Prepare a draft report to be presented at the ET 1.3 meeting.</td>
<td>Dr. V.R.K Murthy</td>
<td>Draft report to be presented in the ET meeting in July 2008.</td>
</tr>
<tr>
<td></td>
<td><strong>c</strong> To review and summarize the different agrometeorological aspects of increasing water use efficiency including watershed management in collaboration with CHy where appropriate</td>
<td>Prepare a draft report to be presented at the ET 1.3 meeting.</td>
<td>Mr A Barcelo &amp; Dr M Brady</td>
<td>July 2008</td>
</tr>
<tr>
<td></td>
<td><strong>d</strong> To establish operational guidelines for fire weather agro-meteorology.</td>
<td>International Workshop on Fire Weather Agrometeorology</td>
<td>Mr Antonio Barcelo &amp; Dr M Brady</td>
<td>July 2008</td>
</tr>
<tr>
<td></td>
<td><strong>e</strong> To review and summarize the impact of weather and climate information on fisheries</td>
<td>Prepare a draft report to be presented at the ET 1.3 meeting.</td>
<td>Dr. Alarcon</td>
<td>Draft report to be presented in the ET meeting in June 2008.</td>
</tr>
<tr>
<td></td>
<td><strong>f</strong> To provide liaison with JCOMM on the inter-Commission activities on natural disaster reduction in coastal lowland areas</td>
<td>To be decided</td>
<td>To be decided</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>g</strong> To prepare reports in accordance with timetables established by the OPAGs and/or MG</td>
<td>Report for MG</td>
<td>Mr Antonio Barcelo</td>
<td>May 2009</td>
</tr>
</tbody>
</table>
1. OPENING OF THE MEETING

2. ORGANIZATION OF THE MEETING
   2.1 Approval of the agenda
   2.2 Other organizational matters

3. REVIEW OF THE TERMS OF REFERENCE OF THE EXPERT TEAM

4. REPORT OF THE TEAM LEADER OF THE EXPERT TEAM

5. REPORT OF THE EXPERT TEAM MEMBERS
   5.1 Review and evaluation of the status of agrometeorological applications to conserve and manage natural and environmental resources for the benefit of agriculture, rangelands, forestry, fisheries and other relevant rural activities (N. Holden, R. Boer, S. Kinuthia)

   5.2 Collection and evaluation of case studies of successful measures to manage land use, protect land and mitigate land degradation; and, promote a better understanding of the agrometeorological aspects of land degradation at the national and regional levels (V.R.K. Murthy)

   5.3 Review and summarization of the different agrometeorological aspects of increasing water use efficiency including watershed management in collaboration with CHy, where appropriate
5.4 Establishing operational guidelines for fire weather agrometeorology (M. Brady, A. Mestre)

5.5. Review and summarization of the impact of weather and climate information on fisheries (C. Alarcon)

5.6 Provision of liaison with JCOMM on the inter-Commission activities on natural disaster reduction in coastal lowland areas

5.7 Preparation of reports in accordance with timetables established by the OPAGs and/or MG (A. Mestre)

6. OTHER ISSUES

7. PREPARATION OF THE FINAL REPORT
7.1 Planning of the technical report of the Expert Team
7.2 Identification of key responsibilities
7.3 Time table for reporting

8. CLOSURE OF THE MEETING