



# Training Workshop on Multi-Hazard Early Warning Systems

with focus on Institutional Coordination and Cooperation

**1-3 October 2009**

**Pula, Croatia**

*([http://www.wmo.int/pages/prog/drr/events/Pula/index\\_en.html](http://www.wmo.int/pages/prog/drr/events/Pula/index_en.html))*

## AGENDA

| Day 1 (1 October 2009)  |   |
|---|---|
| 0800 – 0900   | Registration  |
| <b>Session 1: Opening and introduction</b>  |   |
| 0900 – 0915   | <ul style="list-style-type: none"> <li>• <u>Welcome address and opening session</u> <ul style="list-style-type: none"> <li>- <i>Ms Vera Radolovic</i> (Deputy Major of the town of Pula)</li> <li>- <i>Mr Ivan Cacic</i> (Permanent representative of Croatia to WMO)</li> <li>- <i>Dr Maryam Golnaraghi</i> (Representative of WMO Secretary-General)</li> <li>- <i>Ms Ida Kuburovic</i> (Representative from UNDP)</li> </ul> </li> </ul> |
| 0915 – 1000   | <ul style="list-style-type: none"> <li>• <u>Background and objectives of this training workshop and its linkages to the SEE project funded by EC DG Enlargement</u> <ul style="list-style-type: none"> <li>- <i>Dr Maryam Golnaraghi</i></li> </ul> </li> <li>• <u>What is an early warning system?</u> <ul style="list-style-type: none"> <li>- <i>Dr Maryam Golnaraghi</i></li> </ul> </li> </ul>   |
| 1000 – 1015   | Group photo   |
| 1015 – 1030   | Coffee break  |
| <b>Session 2: Good practices in early warning systems</b>   |   |
| <p>In this session, national representatives from Disaster Risk Management Agencies and National Meteorological and Hydrological Services from five countries which have been identified as good practices will deliver training sessions on their national early warning system.</p> |   |
| 1030 – 1200   | <ul style="list-style-type: none"> <li>• <u>Training session on “Early Warning System For Tropical Cyclones in the Republic of Cuba”</u> <ul style="list-style-type: none"> <li>- <i>Dr Jose Rubiera</i> (Cuba)</li> <li>(movie)</li> </ul> </li> </ul>   |
| 1200 – 1330   | Lunch   |
| 1330 – 1500   | <ul style="list-style-type: none"> <li>• <u>Training session on “The French Vigilance System”</u> <ul style="list-style-type: none"> <li>- <i>Dr Cyril Honoré</i> (France)</li> <li>(movie)</li> </ul> </li> </ul>  |
| 1500 – 1530   | Coffee break  |
| 1530 – 1700   | <ul style="list-style-type: none"> <li>• <u>Training session on “Multi-Hazard Early Warning System in Italy”</u> <ul style="list-style-type: none"> <li>- <i>Dr Patrizio Emiliani</i> (Italy)</li> <li>- <i>Col Sergio Pasquini</i> (Italy)</li> </ul> </li> </ul>  |
| 1700 – 1730   | <ul style="list-style-type: none"> <li>• <u>Discussion and concluding remark from day 1</u></li> </ul>  |
| 1900  | Cocktail (Hotel Lobby)  |

## Day 2 (2 October 2009)

### Session 2: Good practices in early warning systems (Continued)

|             |   |
|-------------|---|
| 0900 – 1030 | <ul style="list-style-type: none"> <li>• <u>Training session on "Multi-Hazard Early Warning System in the United States of America"</u><br/>- <i>Mr Lynn Maximuk (USA)</i></li> </ul>   |
| 1030 – 1100 | Coffee break  |
| 1100 – 1230 | <ul style="list-style-type: none"> <li>• <u>Other examples of early warning systems</u></li> <li>- Croatia<br/>- <i>Dr Vlasta Tutis</i></li> <li>- Germany<br/>- <i>Mr Axel Thomalla</i></li> </ul>   |
| 1230 – 1400 | Lunch   |
| 1400 – 1530 | <ul style="list-style-type: none"> <li>• <u>Panel discussion on "Capacity Development in Multi-Hazard Early Warning Systems with Focus on Institutional Coordination, Cooperation and NMHSs"</u><br/>- <i>Dr Maryam Golnaraghi (WMO)</i><br/>- <i>Panelists include experts from Cuba, China, France, Italy and USA</i></li> </ul> <p>In this session the experts will describe lessons learned from their good practices, factors that have led to their success and challenges that needed to be addressed.</p> |
| 1530 – 1600 | Coffee break  |
| 1600 – 1700 | <ul style="list-style-type: none"> <li>• <u>Country self-assessment &amp; preparatory work for the working groups</u></li> </ul>  |

## Day 3 (3 October 2009)

### Session 3: Review and analysis of early warning systems capacities, gaps and needs in South East Europe

In this session, the participants will be divided into two working groups to present, review and analyse early warning systems capacities, institutional cooperation and coordination, gaps and needs in their countries. The expected outcomes of these working groups are recommendations for the development of national early warning systems strategies, institutional capacities and coordination mechanisms in South Eastern Europe countries. These results will be then discussed and finalised during a final discussion involving all participants.

|   |  |                          |                          |   |   |
|---|--|--------------------------|--------------------------|---|---|
| 0900 – 0915   | <ul style="list-style-type: none"> <li>• <u>Background on the goals and expected outcomes of the working groups</u><br/>- <i>Dr Maryam Golnaraghi (WMO)</i></li> </ul>   |                          |                          |   |   |
| 0915 – 1230   | <ul style="list-style-type: none"> <li>• <u>Working groups sessions: Review and analysis of early warning systems capacities, gaps and needs in South East Europe</u></li> </ul> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; vertical-align: top;"><b>Working Session A</b></td> <td style="text-align: center; vertical-align: top;"><b>Working Session B</b></td> </tr> <tr> <td style="vertical-align: top;"> <i>Moderators Mr Jose Rubiera (Cuba) &amp; Mr Cyrille Honoré (France)</i><br/> <i>Rapporteur: Mr James Douris (WMO)</i> </td> <td style="vertical-align: top;"> <i>Moderators Mr Lynn Maximuk (USA) &amp; Mr Sergio Pasquini (Italy)</i><br/> <i>Rapporteur: Mr Charles Baubion (WMO)</i> </td> </tr> </table> | <b>Working Session A</b> | <b>Working Session B</b> | <i>Moderators Mr Jose Rubiera (Cuba) &amp; Mr Cyrille Honoré (France)</i><br><i>Rapporteur: Mr James Douris (WMO)</i> | <i>Moderators Mr Lynn Maximuk (USA) &amp; Mr Sergio Pasquini (Italy)</i><br><i>Rapporteur: Mr Charles Baubion (WMO)</i> |
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| 1230 – 1400   | Lunch  |                          |                          |   |   |
| 1400 – 1530   | <ul style="list-style-type: none"> <li>• <u>Final discussion on early warning systems capacities, gaps and challenges in South East Europe</u></li> </ul>  |                          |                          |   |   |
| 1530 – 1600   | <ul style="list-style-type: none"> <li>• <u>Closing of the meeting</u></li> </ul>  |                          |                          |   |   |