

UNICEF Early Warning & Preparedness

*WMO humanitarian consultation
17 April 2009*

unite for
children

unicef 

UNICEF EW & Preparedness

- UNICEF has a multihazard approach: identify risks that affect children & women, including hydromet risks (floods, storms, drought, etc.)
- Prepare to better provide humanitarian response
- Work with partners agencies and governments to better prepare and reduce risks

UNICEF Preparedness Systems

At country level :

- **Preparedness Planning w/partners**
- **Inter-Agency Contingency Planning**
- **Preparedness Trainings & Simulations**

UNICEF Preparedness Systems

HQ and RO support systems:

- Development of preparedness tools
- Preparedness support missions

Inter-Agency partnerships :

- Inter-Agency Preparedness tools
- Inter-Agency Preparedness support missions

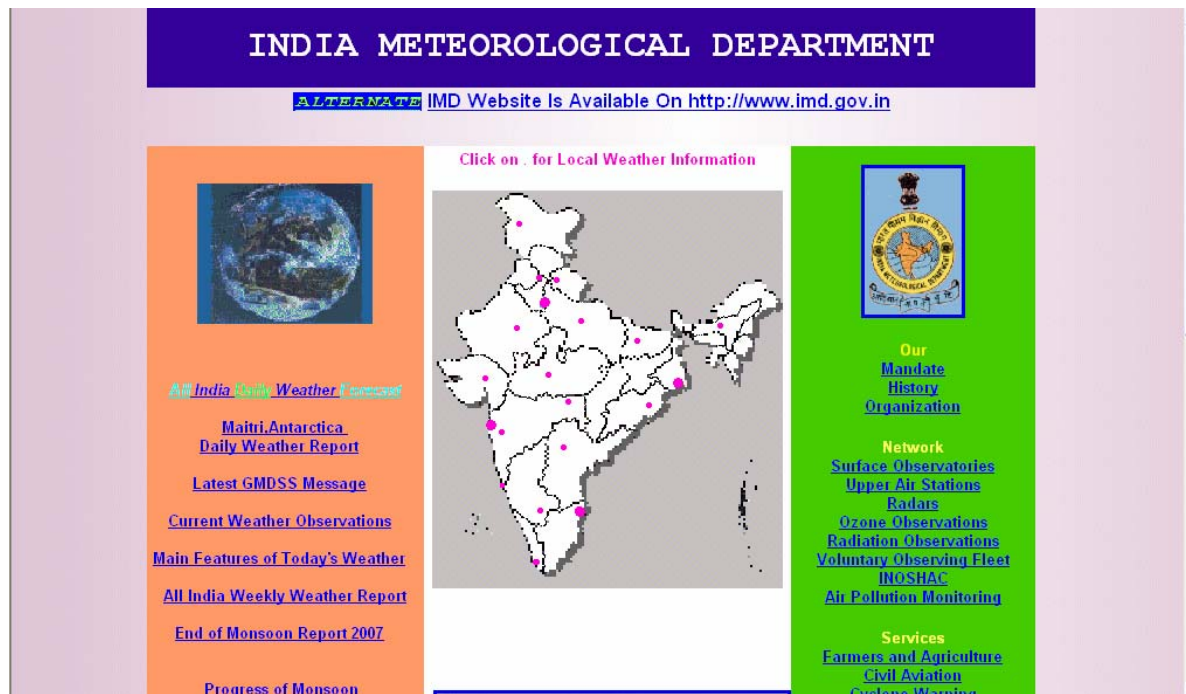
UNICEF Risk Analysis and Early Warning systems

- **Country Emergency profiles**
 - yearly risk analysis (including Hydromet risks)

- **Early Warning-Early Action system**
 - 4/monthly risk analysis (or when situation require) by country/field offices (including Hydromet risks)

UNICEF links with Met services

- Use of MET data from national governments for country risk monitoring and analysis:
- Eg. India:



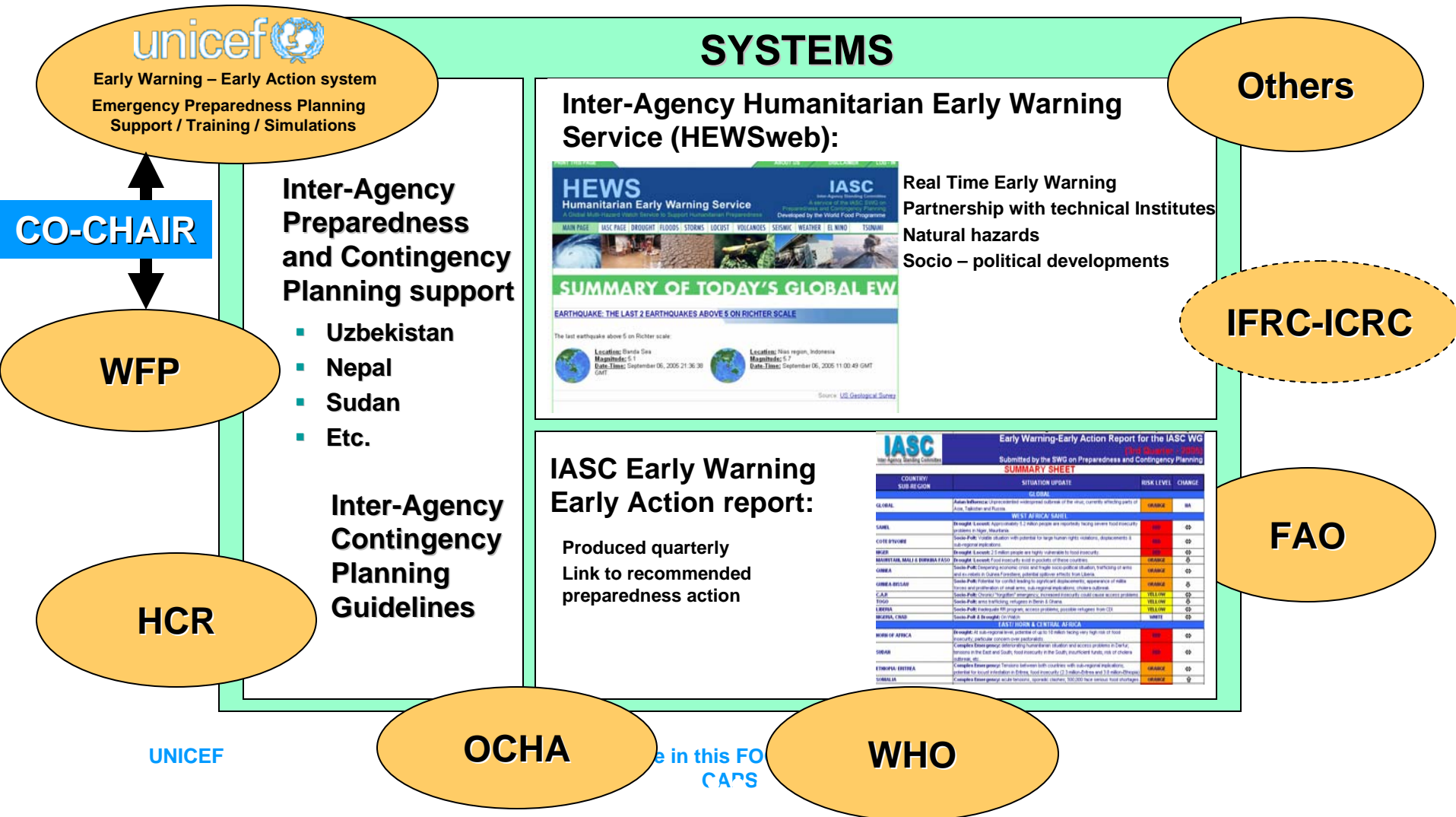
The screenshot shows the homepage of the India Meteorological Department (IMD). At the top, a dark blue banner contains the text "INDIA METEOROLOGICAL DEPARTMENT" in white. Below this, a smaller banner reads "ALTERNATE IMD Website Is Available On <http://www.imd.gov.in>". The main content area is divided into three vertical columns. The left column has an orange background and features a satellite image of Earth at the top. Below the image are several blue hyperlinks: "All India Daily Weather Forecast", "Maitri, Antarctica Daily Weather Report", "Latest GMDSS Message", "Current Weather Observations", "Main Features of Today's Weather", "All India Weekly Weather Report", "End of Monsoon Report 2007", and "Progress of Monsoon". The middle column has a light grey background and is titled "Click on . for Local Weather Information" in pink. It contains a map of India with several pink dots indicating weather stations. The right column has a green background and features the IMD logo at the top. Below the logo are blue hyperlinks organized into sections: "Our Mandate History Organization", "Network" (including Surface Observatories, Upper Air Stations, Rainfall, Ozone Observations, Radiation Observations, Voluntary Observing Fleet, INOSHAC, and Air Pollution Monitoring), and "Services" (including Farmers and Agriculture, Civil Aviation, and Cyclone Warning).

Inter-Agency Risk Analysis and Early Warning systems

- **Production of the IASC EWEA Report - 4/monthly (including Hydromet risks)**
- **HEWS web on natural hazards – with monitoring/early warning data from technical sources (Drought, Storms, Floods)**
- **Use of global Alerting systems (eg. GDACS)**

Inter-Agency Collaboration

IASC sub- working group on early warning and preparedness



Needs from Hydromet services

- Interpretation of existing reports/tools in view of potential hazards trends:
 - eg. El Nino/La Nina outlook
 - eg. Climate outlooks
- Medium term forecast analysis to support anticipated EW&Preparedness:
 - eg. Potential strenght of hurricane season
 - eg. Precipitation forecast

Needs from Hydromet services

- Need to strengthen the links/partnerships with Hydromet services:
 - at country level
 - at regional level
 - at HQ level