



The new WMO RA VI Regional Climate Centre on Climate Monitoring

J. Rapp (1) and H. Nitsche (2)

(1) Deutscher Wetterdienst, RCC-CM/KU23, Offenbach am Main, Germany (joerg.rapp@dwd.de, ++49 69 8062 3182), (2) Deutscher Wetterdienst, RCC-CM/KU23, Offenbach am Main, Germany (helga.nitsche@dwd.de, ++49 69 8062 3182)

Regional Climate Centres (RCCs) are institutions with the capacity and mandate by WMO to develop high quality regional-scale products using global products and incorporating regional information. Recently a pilot network of three RCC consortia was established for the WMO region RA VI (Europe and Middle East):

- RCC node on climate data,
- RCC node on climate monitoring,
- RCC node on long-range forecasting.

DWD/Germany has taken the responsibility of the RCC node on climate monitoring (RCC-CM). Further consortium members are Armstatehydromet/Armenia, Météo-France/France, KNMI/The Netherlands, RHMS/Serbia, and TSMS/Turkey.

RCCs provide online access to their products and services to national meteorological and hydrological services and to other regional users. Vice versa, RCCs receive data, products, know-how and feedbacks from the meteorological services as a main source for regional information. By the same time, they provide regional data, products and feedbacks to Global Production Centres and Lead Centres for respective verification and product optimisation of the global-scale information.

The RCC-CM will perform basic functions covering the domain of climate monitoring:

- Annual and monthly climate diagnostic bulletins,
- Monthly monitoring maps: global, RAVI, Eastern Mediterranean, South Caucasus,
- Reference climatologies and trend maps,
- RA VI climate monitoring WebPortal,
- Climate watches,
- Training; Research and Development (R&D).

The poster shows the current stage of development of the RCC-CM by means of example products.