

OUTLINE FOR WG CH (EGH) WORK PROGRAMME 2013 – 2017

Vision

Hydrology provides bases for water policy in the region taking into account climate changes

Goals

To contribute to the improvement of hydrological services, in particular data provision, modeling, forecasting and warning

To support NHSs in providing services, especially for climate and agriculture applications

Approach

Identification of regional priorities

Collaboration with RA VI subsidiary bodies, CHy, other RAs, relevant TCs, other UN organizations, European Union, and EEA

Collaboration with MET institutes at national, regional and global level

Development of joint activities with climate communities

Improved networking between NHSs and main stakeholders (e.g. Hydrology Forum)

Gathering of good practices and exchanging information

Activities

Data operations and management

- network design and optimization
- support to standards development
- maintenance of monitoring systems
- harmonization of methodologies, quality control and access to data
- data exchange and sharing

Hydrological modeling, forecasting and warning

- mapping and comparison of the use of hydrological models in RA VI
- follow-up of and support to EFAS and FFGS
- exchanging best practices and training materials for warning systems
- provide RA VI contribution to CHy study on the use of remote sensing in hydrology
- promote MET institute collaboration to improve input into hydrological products

Water resources assessment

- contribute to CHy activities related to water scarcity and drought, and ecological flows

Climate services

- promote NHSs contribution for GFCS (reference CHy 14 Resolution 5/1)
- support the provision of hydrological data and information for climate services
- mapping the needs of water sector for GFCS products
- provide material on the benefits of climate services for water managers