

Facilitated Discussion on CST Potential Resources



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Function	CST functionality	Example of NMHS User-Targeted Products
Data Service	Historical homogenized national station datasets, real-time data in digital form (daily mean temperature, Tmin, Tmax, and Prec), Climate database, archiving, mining, dissemination services. Data rescue and exchange	SPI, SPEI, onset dates for rainy season, heating degree days
Monitoring	Climate diagnostics incl. analysis of climate variability, change, and extremes Historical reference climatologies	Bulletins targeted at specific sectors, percentile information, risk maps, PDFs, regularly updated reference climatologies
Prediction	Seasonal and intraseasonal predictions Comprehensive verification of past forecasts and real-time assessment	Outlooks of Temp/Prec, Monsoon onset, heat wave
Projection	National information on climate change projections; Communication of the relevant climatological context and information on uncertainties Validation of model simulations	Scenario, information on change in significant weather events etc.
Dissemination and Capacity Development	Online access to products and services incl. methodology information, product descriptions, and user guidance User feedback mechanisms Training for practitioners, providers and users	Forums, workshops, press releases etc.

Source: ET-CSIS 2012 Meeting

Discussion Questions

- What redundancy or gaps in the climate service coverage have been observed while reviewing the tools?
- If more than one tool provide the same function but yield different guidance, what recommendation can we make?
- What technical specification element users need to know for successful implementation of climate services tools?
- What necessary components a perfect tool packages should include?
- What GPC/RCC standards for tool developers should be compliant?
- How compliant CST tools should be with the existing WMO Guide for Climatological Practices?



Discussion Questions on CST Prototype Implementation

- User Forum and Help Desk necessary content
- Developers network and coordination mechanism
- Prototype demonstration at the 2017 CSIS Workshop
- Promotion and outreach activities
- Performance metrics
- Deployment milestones and timeframe

Thank you Merci



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