

Climate Service and Climate Observation in China

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Beijing Climate Center is the WMO Regional Climate Center in RAI, whose responsibility includes to monitor and diagnose global atmospheric and oceanic conditions, as well as extreme climate events, to issue climate prediction and impact assessments from monthly up to interannual time scales, especially in China and East Asia, to develop climate system model. From user's perspective, there are still gaps between climate service needs and data. For example, there is less information of ice, ocean and biological observation to be used in routine operation. Meanwhile, the observation of social and economic variable is weaker than natural system, which is a big bottleneck for us to adapt and mitigate climate change. In this presentation, we will present some cases to show the needs to better service the social and economic development. Finally, enhancing the observational ability and sharing the data will be suggested.