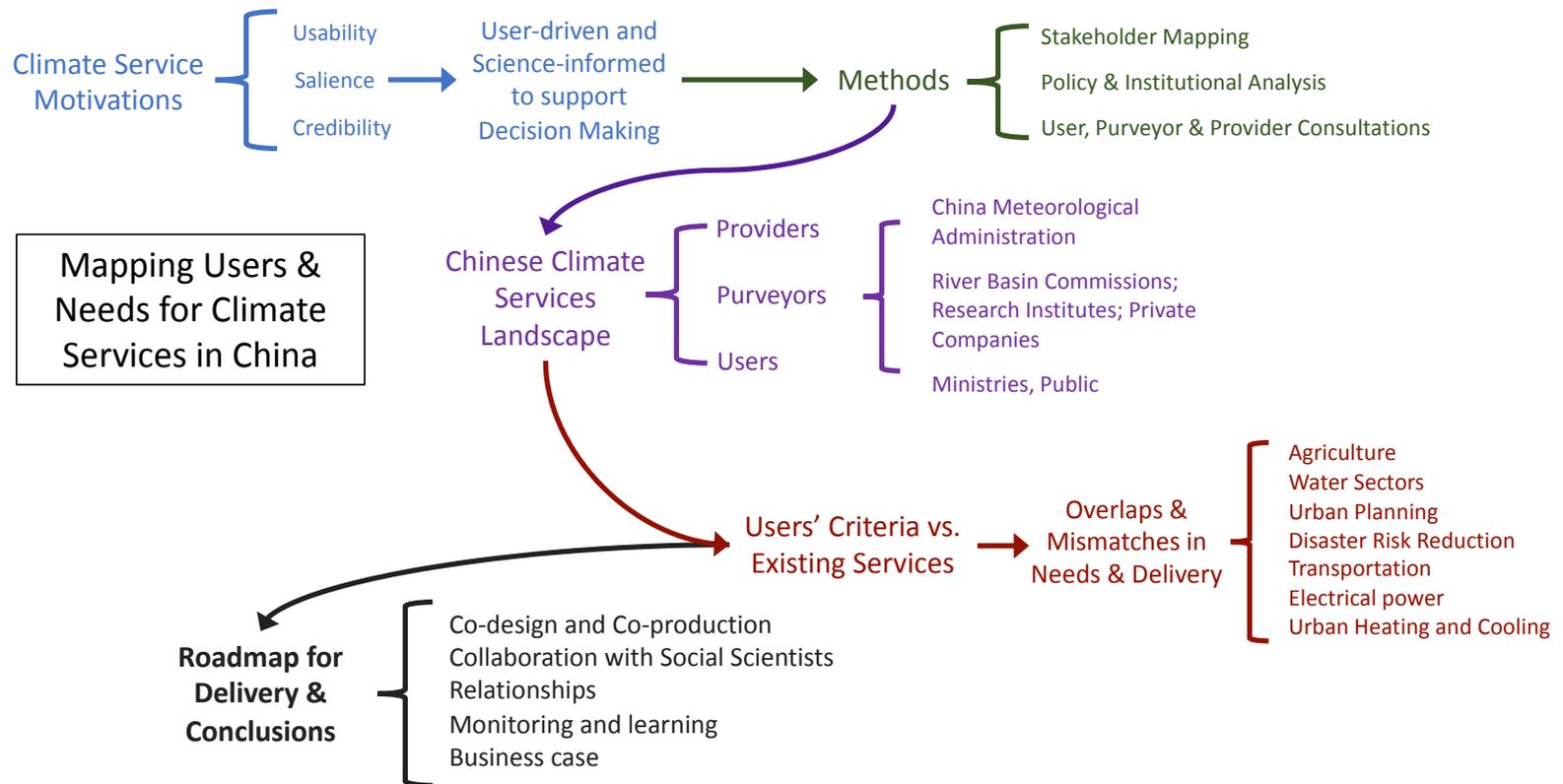


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Title: Translational Science for Climate Services: Mapping and Understanding Users' Climate Service Needs in CSSP China

Authors: Sarah OPITZ-STAPLETON, Roger STREET, Qian YE, et al.

ABSTRACT: The Climate Science for Services Partnership-China (CSSP-China) programme is a joint programme between China and the United Kingdom to build the basis for climate services to support weather and climate resilient economic development and welfare in China. Work Package 5 provided the translational science (the identification of): different users and providers, and their mandates; factors contributing to communication gaps and capacities between various users and providers; and mechanisms to work through such issues to develop and/or evolve a range of climate services. Key findings to emerge included that users from different sectors have varying capacities, requirements and needs for information in their decision contexts, with a current strong preference for weather information. Separating climate and weather services when engaging users is often not constructive. Furthermore, there is a need to move to a service delivery model that is more user-driven and science informed; having sound climate science is not enough to develop services that are credible, salient, reliable or timely for diverse user groups. Greater investment in building the capacity of the research community supporting and providing climate services to conduct translational sciences and develop regular user engagement processes is much needed. Such a move would help support the China Meteorological Administration's (CMA) ongoing efforts to improve climate services. It would also assist in potentially linking a broader group of 'super' users who currently act as providers and purveyors of climate services because they find the existing offerings are not relevant to their needs or cannot access CMA's services.



A mind map/graphic abstract (next page):