

## Composition

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## Mission

**To advance the science of the social and economic application of weather related information and services**

**WG SERA** 

Working Group on  
Societal and  
Economic Research  
Applications

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## What is WG SERA?

Initially established as a group devoted to THORPEX\* issues, the Working Group on Societal and Economic Research Applications (WG SERA) was established in February 2006 as one of five working groups of the World Weather Research Programme (WWRP). It now has the responsibility for the entire range of time-scales and research issues associated with WWRP.

\*THORPEX - The Observing System Research and Predictability Experiment

The SERA community includes multidisciplinary social, economic/ decision scientists, organizations that engage users in the development, application and use of weather and related information and representatives of users that benefit from this information. The emphasis is on weather conditions that directly influence mortality, morbidity, significant loss or property and critical infrastructure and resources required to support communities.

WG SERA is a joint activity of WWRP with the Integrated Research on Disaster Risk programme of the International Council of Science Unions (ICSU).

## Research priorities

Estimation of the economic (social) value of weather information;

Understanding and improving the use of weather information in decision making;

Understanding and improving the communication of weather forecast uncertainty;

Development of user-relevant verification methods; and

Development of decision support systems and tools.

## Future plans

Establish a presence and basic research infrastructure

Start-up research projects and applications

Global assessment of the societal and economic benefits (and costs) of weather information

**To learn more about the WG SERA please visit:**

[http://www.wmo.int/pages/prog/arep/wwrp/new/weather\\_society.html](http://www.wmo.int/pages/prog/arep/wwrp/new/weather_society.html)

