

In whose service? Meteorological and climate research for Antarctic environmental predictions

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the PPP-Societal & Economic Research & Applications
(PPP-SERA) Task Group



WMO OMM

World Meteorological Organization
Organisation météorologique mondiale

WAMC, Charleston, SC
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PPP-SERA

- Societal and Economic Research and Applications task team of the Polar Prediction Project (PPP-SERA)
 - Providing social science expertise and advice
- Dedicated sessions and workshops
 - PPP-SERA Open Sessions
 - Special Services Projects
 - WAMC workshop



Remaining open questions

1. How do we translate scientific success into societal value? This includes:
 - Understanding value-generating actions,
 - Improving communications,
 - informing decision-making, and
 - identifying appropriate methods for evaluating social and economic value of information across broad range of actors and contexts.

Goals of the workshop

- “Beta” testing of PPP-SERA Weather & Society workshops
- Guiding question:

“How do we ensure that society benefits through applications of better weather programs and information services in the Polar regions?”

Process

- Split group around 4 tables
- Iterative topic-focused brainstorming (10 min per table)
- Movements:
 - Table 1 => Table 2 => Table 3 => Table 4
 - Table 2 => Table 3 => Table 4 => Table 1
 - Table 3 => Table 4 => Table 1 => Table 2
 - Table 4 => Table 1 => Table 2 => Table 3
- Add to previous efforts & last group presents

Questions

- **Table 1:** What are the biggest inadequacies of WWIC services for the Antarctic community?
(You may want to consider: What, if any, significant improvements in weather, water, ice and climate (WWIC) forecasting for the Polar Regions have been made as a result of the PPP?)
- **Table 2:** What can enhance the transition of PPP outcomes into better WWIC user experiences?
- **Table 3:** What Antarctic WWIC information is important in your work, and why?
- **Table 4:** What will be the most meaningful contributions from the PPP for individual WWIC user groups and society more largely?
(You may want to consider: What aspects of Antarctic WWIC information/ services can be most easily tailored to different user requirements [format, scope, spatial or temporal coverage, resolution, etc.]?)

Finally ...

- Presentation by four groups
 - Feedback
- What (else) should we be asking?

Acknowledgements



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Thank you to all participants!

Thank you Merci



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