The PPP Societal and Economic Research and Applications (PPP-SERA) task team: Recent developments and future plans

Daniela Liggett on behalf of the PPP-Societal & Economic Research & Applications (PPP-SERA) Task Group

YOPP-SH Meeting, Charleston, SC 27-28June 2019
PPP-SERA

• Societal and Economic Research and Applications task team of the Polar Prediction Project (PPP-SERA)
  – Providing social science expertise and advice

• Activities
  – Desk-based research
  – Research community building
    • Sessions at conferences
    • Special Issue *Polar Geography*
  – Dedicated sessions and workshops
    • PPP-SERA Open Sessions
    • Special Services Projects/
      Weather & Society workshops
Special issue in Polar Geography

“Generating Societal Value from Improved Weather, Water and Ice Forecasts in the Polar Regions”

[collection of 8 research papers focussed on user needs and services]
Open Sessions

PPP-SERA Open Session with European Polar Board

Date
18.04.2018

Location
The Hague, The Netherlands

Description

Meeting and open session of the World Meteorological Organization’s The Polar Prediction Project’s (PPP) Societal and Economic Research and Applications (SERA) task team: Travelling to Antarctica: A conversation on Antarctic environmental forecasting services to improve the safety of operational, touristic and research activities

(8-12 April 2019, Punta Arenas, Chile)
Communication

Polar Prediction Matters

Traditional top-down hierarchies in bridge organisation need to be revisited (picture from Hans Hederström, CSMART)

Looking North: Perspectives of European Arctic Users

14. May 2018
by
Polar Prediction Matters

PPP-SERA Open Session with the European Polar Board, The Hague, Netherlands, April 18, 2018
Research needs and future plans

1. How do we ensure that society benefits through applications of better weather programs and information services, both within and outside the polar regions?

2. 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.
YOPP Special Services Projects (SSPs)

Special Services Projects (SSPs)

- Special Services Periods (SSP)
- Special Observing Periods (SOP)

Arctic
- SOP1: Feb-Mar
- SOP2: Jul-Sep
- SOP3: Feb-Mar

Antarctic
- SOP: Nov-Feb

Launch Event

2017  2018  2019  2020

Preparation Phase  YOPP Core Phase  YOPP Consolidation Phase
PPP Special Services workshops

Preparation workshop

Regional workshops

European Arctic

Russian Arctic

Canadian Arctic

Alaskan Arctic

Antarctic

Synthesis workshop

IASC-YOPP meeting, Helsinki

YOPP Synthesis Summit

2019 → 2020 → 2022
Thank you
Merci