Background

Why should SAB engage on AI?

Following SAB AI discussions in 2023 - Sense of urgency and a call to action:

- Market demand

- Rapid pace of change in AI technology

- High potential for significant impact on earth science research

- Uncertainties & risks regarding implementation and governance

Conclusion – convene meeting of WG Co-Chairs & SAB Liaisons

Objective – recommend path forward for SAB to address AI/ML

Result

- Formed AI Scoping Team to develop short prospectus

  - Prospectus completed and submitted to SAB for review

  - Evaluated alternative approaches and pros & cons

  - Developed Prospectus for AI Executive Team

Background Information

- The NOAA Center for AI (NCAI) and Dr. Michael Morgan, ASEOP and NOAA AI Executive Champion, endorsed the idea of an AI Steering Committee within the SAB, particularly as a focal point for NOAA engagement

- Prospectus approved by the SAB during the March 2024 SAB meeting in Washington, DC

- SAB agreed on regular check-ins with the AI Steering Committee to evaluate needs, challenges, and opportunities

SCIENCE ADVISORY BOARD

AI Steering Committee Membership

- Ilene Carpenter, Chair, SAB Member

- Bob Grossman, SAB Member

- Jamese Sims, DAARWG Co-chair

- Michael Anderson, CWG Co-chair

- Tom Hamill, EISWG Member

- Barb Kirkpatrick, ESMWG Member

- Liz Vanacore, TSTAP Member

AI Steering Committee met May 16, 2024

- EISWG Draft Statement on NOAA Investment in Deep Learning Numerical Weather Prediction

- Summary of ESMWG AI Meeting

- Reviewed AI Steering Committee Prospectus

- Identifying a NOAA liaison to the Steering Committee

- Planning NOAA engagement

Points for Discussion

- ## Next steps

  - Ongoing engagement with Working Groups and NOAA

- ## New priority AI topics for the Steering Committee or Working Groups?

- ## Q&A