



Response to the ESMWG Report on Decision Making Under Deep Uncertainty

A Presentation to the NOAA Science Advisory Board

Doug Lipton Senior Research Scientist for Economics NOAA Fisheries

April 27-28, 2022



Contributors



- Doug Lipton FISHERIES
- Deborah Lee OAR
- Mark Osler NOS
- Rost Parsons NCEI
- Craig Stow OAR



Purpose



 Provide the SAB with the NOAA response to their recommendations and suggested next steps from the Decision Making Under Deep Uncertainty (DMDU) report



Report Themes



- 10 Recommendations & 8 Suggested
 Next Steps
 - Build DMDU concepts into activities we are already doing that are DMDU-like
 - Look for new applications and opportunities to advance DMDU concepts
 - Raise awareness of DMDU among NOAA personnel
 - Work with partners to advance DMDU



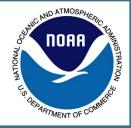
NOAA Actions



- NOAA will consider incorporating DMDU approaches and concepts into ongoing efforts such as:
 - Management Strategy Evaluations
 - Integrated Ecosystem Assessments
 - Climate Ecosystem and Fisheries Initiative
 - Coastal Planning
 - Observation System Simulation Experiments*
- Explore applicability to other areas
 - Aquaculture
 - Habitat Restoration
 - Protected Resources*
- Use DMDU concepts to inform data collection and observation priorities
- Use a variety of approaches such as OneNOAA Seminars to educate NOAA personnel about DMDU concepts and applications



Desired Outcome



• Build increased awareness resulting in greater application of DMDU techniques in appropriate ongoing NOAA activities