

# JRFB Working Group on Science Framework Proposal Requirements and Assessments April 2, 2021 – Virtual Meeting

## Roster

Ken Miller	Chair	Rutgers University
Cara Burberry	Member	University of Nebraska-Lincoln
Gail Christeson	Member	SEP Co-Chair
Sean Gulick	Member	University of Texas at Austin
Susan Humphris	Member	Woods Hole Oceanographic Institution
Lisa McNeill	Member	SEP Co-Chair
Dick Norris	Member	Scripps Institution of Oceanography
Brandi Reese	Member	Dauphin Island Sea Lab
Jamie Allan	Ex Officio	National Science Foundation
Donna Blackman	Ex Officio	<i>Chikyu</i> IODP Board
Brad Clement	Ex Officio	<i>JOIDES Resolution</i> Science Operator
Dick Kroon*	Ex Officio	IODP Forum
Mitch Malone	Ex Officio	<i>JOIDES Resolution</i> Science Operator
Charna Meth	Ex Officio	IODP Science Support Office
Clive Neal	Ex Officio	<i>JOIDES Resolution</i> Facility Board
Sasha Turchyn	Ex Officio	ECORD Facility Board

\*not present

## Consensus Statements

**Consensus Statement 1:** The WG-SFP agreed that proponents should discuss their success criteria with benchmark steps, scientific and operational risks, and mitigation strategies from the pre-proposal stage onwards by answering the following prompts:

- Define your minimum criteria for achieving both scientific and operational success.
- What are the primary risks to achieving your scientific and operational success?
- What factors in your proposal (e.g., operational and scientific alternate sites) mitigate these risks?

Outlining these elements, in particular risks and potential mitigation strategies, will require proponents to communicate with the operator(s) at an early stage of the proposal writing process. The WG-SFP also acknowledged that while it is important to define success criteria before an expedition, unexpected discoveries could also define

an expedition's success. Such discoveries need to be captured in post-expedition reports and promoted by a future scientific ocean drilling program.