

## **Decision Tree Task Team Update**

December 4, 2023

The purpose of the Task Team is to develop recommendations for and templates of decision trees targeting the various interests of the OBPS community. In order to assist users in the development of effective decision trees, the goal is to develop a best practice for decision trees as well as decision tree templates for users to reference and to promote standardization.

Since December of last year when the task team was initiated, we have convened for 8 meetings to discuss and develop a best practice and templates for decision trees. One member has stepped down due to time constraints and the current membership is as follows:

Katie Watkins-Brandt (co-chair)

Laura Riihimaki (co-chair)

Sundar Ranganathan

Cristian Munoz Maas

Miguel Charcos

Virginie van Dongen-Vogels

Currently, a working draft has been developed with the goal of finalizing the paper for publication in February of 2024. Throughout the last year, members of the group have continued to receive feedback from the best practices community on the use and value of decision trees and the many use-cases even within the specific purpose or applications identified within the paper.

### **Deliverables planned for February of 2024:**

1. Develop a best practice for the development of decision trees that will provide users with a pathway to developing effective decision trees for their application.
2. Develop templates for various applications that may help users formulate effective decision trees while also providing a level of standardization.
3. Recommendations for and templates of decision trees targeting the various interests of the OBPS community.

### **Community Engagement:**

IMDIS2024 Abstract Submission: **AI based decision tree tools for best practices in ocean applications**