

Belize Sustainable Ocean Plan Geospatial Workshop – Utilizing SeaSketch and Marxan

Date _____
APR | 14-16 | 2025

Location _____
Toucan Room, Belize Biltmore Plaza

Purpose: Learn how the SeaSketch planning tool works in the context of marine spatial planning and the BSOP process. Learn how SeaSketch outputs complement Marxan inputs and outputs. Decide on key Marxan data inputs and parameters. Present mechanism for providing feedback on the draft outputs from the Phase II Ocean Use Survey (OUS).

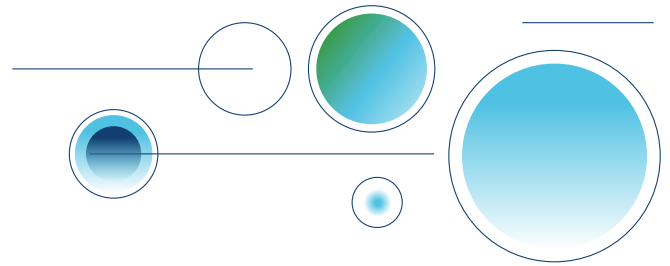
..... Desired Outcomes | Outputs

OUTCOMES

1. A shared understanding of OUS outputs and potential uses of the SeaSketch planning tool
2. Understanding of how to use SeaSketch to facilitate conversations around planning protected areas in MSP
3. Improved understanding of the relationship between SeaSketch and Marxan
4. Agreement on initial inputs to Marxan to achieve the BSOP goal of 30% protection with 15% in High Protection for Biodiversity Zones

OUTPUTS

1. A decision on the next steps for using the SeaSketch planning tool to inform the BSOP
2. Draft shapefiles of Marxan lock out areas
3. A draft list of data inputs and feature targets for Marxan analyses
4. A draft list of costs to include in Marxan analyses



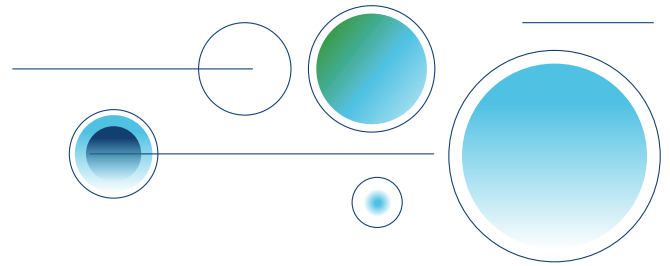
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..... Day 1 – April 14th – SeaSketch

Time	Session	Session Lead - Presenter	Learning Objective
8:45 am	Doors Open, Networking		
9:00 am	Welcome & Opening Remarks	Chantalle Samuels, CZMAI	
9:15 am	Introductions and Ice-Breaker: Geospatial Bingo	Workshop Facilitator	
9:45 am	Workshop Overview		To understand the structure, format, and ground rules for participation.
10:00 am	Where are we now in the BSOP MSP process?	CZMAI	To understand the achievements and progress made by the BSOP since the previous workshop held in May 2024.
10:15 am	Marxan and SeaSketch Overview	NCEAS	To understand the role and relevance of both Marxan and SeaSketch in the BSOP process.
10:45 am	Coffee Break		Networking Opportunity
11:00 am	Overview of Ocean Use Survey and Results	CZMAI	To review and process the methodology and results of the BSOP's Ocean Use Survey.
11:45 am	Overview of SeaSketch Planning Tool	NCEAS	To gain a foundational understanding of the SeaSketch Planning Tool, including its purpose, key features, and how it supports marine spatial planning.
12:30 pm	Lunch		
1:30 pm	Training on the use of SeaSketch Planning Tool	NCEAS	Learn how to use and navigate features of the SeaSketch Planning Tool through guided, hands-on training.
2:30 pm	Coffee Break		
3:15 pm	Training on the use of SeaSketch Planning Tool (Continued)	NCEAS	Share and discuss activity results.
4:30 pm	Wrap up: Question & Answer Reflection	Workshop Facilitators	Discuss learning outcomes and provide feedback.
5:00 pm	Adjourn		



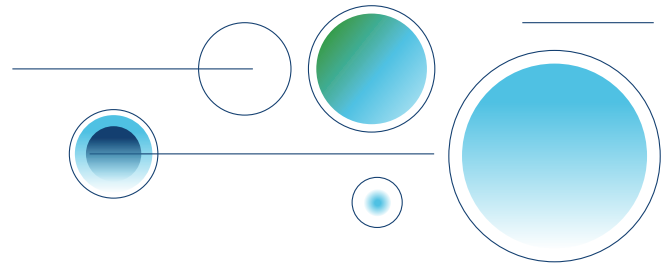
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••••• Day 2 – April 15th – SeaSketch and Marxan •••••

Time	Session	Session Lead - Presenter	Learning Objective
8:45 am	Doors Open, Networking		
9:15 am	Day 1 Recap & Overview of Day 2	Workshop Facilitators	Revisit key takeaways from Day 1 and review the objectives for Day 2.
9:30 am	SeaSketch as a Facilitation Tool	NCEAS	To understand how SeaSketch can be used to facilitate conversations around designing marine zones.
11:30 am	Activity Reflection	Workshop Facilitators	To participate in a guided discussion on the functional use of SeaSketch.
12:00 pm	Lunch		
1:00 pm	Marxan Review	TNC	To gain a fundamental understanding of how Marxan is used in MSP and how it can be used in the BSOP process.
1:30 pm	Conservation Features Overview	TNC	To understand the conservation features and targets in the Marxan tool.
2:00 pm	Activity: Identify Conservation Features and Targets	TNC	To share input on features and target inputs to Marxan .
3:30 pm	Coffee Break		
3:45 pm	Activity: Results Discussion	Workshop Facilitators	Share conservation inputs and discuss activity results.
4:30 pm	Wrap up: Question & Answer Reflection	Workshop Facilitators	Discuss learning outcomes and provide feedback.
5:00 pm	Adjourn		



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..... Day 3 – April 16th – SeaSketch and Marxan

Time	Session	Session Lead - Presenter	Learning Objective
9:00 am	Doors Open, Networking		
9:15 am	Day 2 Recap & Overview of Day 3	Workshop Facilitators	Revisit key takeaways from Day 2 and review the objectives for Day 3.
9:30 am	Marxan Costs Overview	TNC	To understand the concept of costs in Marxan and how they influence spatial planning scenarios, so you can interpret and apply cost data effectively in the decision-making process.
10:15 am	Coffee Break		
10:30 am	Activity: Identify Costs	TNC	To participate in a group activity that would generate contributions to cost inputs to Marxan.
12:00 pm	Activity: Results Review	Workshop Facilitators	Share and discuss activity results of inputs.
12:30 pm	Lunch		
1:30 pm	Activity: Using SeaSketch Planning Tool to draw lock-out areas for Marxan	NCEAS	Learn how to Apply your knowledge of the SeaSketch Planning Tool to draw and define lock-out areas for Marxan.
2:30 pm	Coffee Break		
2:45 pm	Synthesis of all inputs	CZMAI	To participate in a comprehensive review of all inputs shared on Marxan lock out areas, conservation features and targets and costs.
3:00 pm	Group Discussion and Reflection	Workshop Facilitators	To reflect on and discuss preliminary Marxan inputs.
3:45 pm	Summary Review	Workshop Facilitators	To review and reflect on the results of workshop activities, particularly Marxan inputs.
4:00 pm	Workshop Wrap up and Next Steps	Workshop Facilitators	Offer feedback and recommendations for next steps.
4:30 pm	Adjourn		