

# Assessing Seagrass Resilience in Toliara Bay, Madagascar: A UAV- Based Perspective for Coastal Management

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F, a, n, j, a, R, a, s, o, a, n, a, i, v, o, ,, R, a, k, o, t, o, A, n, d, r, i, a, m, a, l,  
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# | Abstract

This study addresses a current research gap in Environmental Science concerning Resilience of seagrass meadows to port expansion in the Toliara Bay region, Madagascar: A multi-spectral UAV mapping and resilience index approach in Madagascar. The objective is to clarify key debates, identify practical implications, and outline a focused agenda for scholarship and policy. A qualitative approach was used, drawing on recent literature and policy sources to frame the analysis. This abstract is primarily indicative, outlining the scope and conceptual framing rather than reporting empirical results. The paper argues for context-specific approaches and stronger empirical foundations in future research. Recommendations are not applicable for this abstract type. Resilience of seagrass meadows to port expansion in the Toliara Bay region, Madagascar: A multi-spectral UAV mapping and resilience index approach, Madagascar, Africa, Environmental Science, perspective This structured abstract provides a standardised summary to support rapid screening, indexing, and assessment of scholarly contribution.

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