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Extending Esri Geoportal Server to Meet the Needs of the West Coast Ocean Data Network and Inform Regional Ocean Management

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ABSTRACT

Lack of accessibility to geospatial data by coastal resource managers has been identified at the regional and national levels as a hurdle to improved ecosystem-based management in the United States. The West Coast Ocean Data Portal (<http://portal.westcoastoceans.org>) is a project of the West Coast Governors Alliance on Ocean Health to address this problem by working to increase discovery and connectivity of coastal and ocean data users and systems to better inform West Coast ocean health decisions. The West Coast Ocean Data Network is a community of practice connecting West Coast data managers and users to develop best practices for regional data sharing. We demonstrate the West Coast Ocean Data Portal and the strategy for using Esri Geoportal Server software to selectively harvest, curate, and publish access to data resources through a compelling portal experience that is customizable and can integrate novel technologies to inform regional ocean management.

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