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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. Building on the West Coast Ocean Data Portal, we demonstrate how subsequent development of the data and tools can be used by resource managers to better assess the effectiveness of marine debris prevention policies on the composition and distribution of debris along West Coast beaches.

### **Full Text**

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