

Abstract

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Geospatial Management of Commercial Seafloor Data

Track: Ocean, Coastal, and Marine Resources

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A typical transoceanic submarine cable route survey includes a vast amount of information spanning thousands of kilometers, with additional data types and increased resolution near continental margins. Formerly, cable installers have requested paper charts; however, this information is static, and changes to routing can result in increased costs. In addition, retrieving the charts for later maintenance purposes is awkward. Submarine cable survey data would be more useful if organized into a geographically-referenced database. This GIS database would include route-planning information and all survey data. An example of a GIS database created for a recent survey is presented.

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