

Abstract

Cluster Maps as a Tool for Evaluation of Hydrocarbon Resources

Track: Modeling

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Cluster maps are a spatial data analysis tool that allows economic evaluation of hydrocarbon resources. Data for particular regions are abstracted to integrate the evaluation of all natural resources and development risks. At the Geological Consulting Centre "Gecon", an ArcView extension has been developed to create clusters from parameters on regular grids. Algorithms have been developed depending if objects are enclosed in grid cells. Such spatial analysis will be presented for some Russian regions.

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