Abstract

Cluster Maps as a Tool for Evaluation of Hydrocarbon Resources
Track: Modeling
Author(s): Dimitry Ostroumov, Mikhail Grigoriev, Olga Kozlova

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.

Dimitry Ostroumov
Gecon Ltd.
Saint-Petersburg office
POB 214
Saint-Petersburg 199406
Russia
Phone: +7 812 1401195
Fax: +7 812 1147552
E-mail: dostroumov@gecon.ru

Mikhail Grigoriev
Gecon Ltd.
POB 48
Moscow 125080
Russia
Phone: +7 095 2568816
Fax: +7 095 2539149
E-mail: mgrigoriev@gecon.ru

Olga Kozlova
Gecon Ltd.
POB 48
Moscow 125080
Russia
Phone: +7 095 2568816
Fax: +7 095 2539149
E-mail: okozlova@gecon.ru