

## عنوان مقاله:

Apatial Fuzzy Classification in GIS

## محل انتشار:

همایش ژئوماتیک 81 (سال: 1381)

تعداد صفحات اصل مقاله: 8

## نویسندگان:

Ali.A Alesheikh - *KNT University*

hossein Mohammadi - *KNT University*

seid Mohsen Kalantary - *KNT University*

## خلاصه مقاله:

Spatial objects that are represented in a conventional GIS are generally considered to be crisp and represented by deterministic boundaries. When objects change gradually and continuously over space, there are no crisp boundaries to differentiate them. The fuzzy objects, which have indeterminate spatial extent and boundaries, and must be presented accordingly in GIS. Crisp boundaries specially in spatial objects (e.g. coastal zones) leads to crisp categorizing (categories with sharp boundaries) and exploring patterns is effected by crisp categorization. Using fuzzy operations make resulting patterns more close to real world and mimic it better. Therefore using fuzzy concepts for data mining and exploring volumeness data warehouse is appropriate.

## کلمات کلیدی:

Geospatial information System (GIS) , Geospatial Classification , Fuzzy logic , Data Mining

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/4636>

