Databases Concepts used in ArcGis

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SUMMARY

Considering the benefit brought by ArcGis in monitoring and urban development plans we propose a short introspection in inventory and maintenance of a spatial data regarding the land in a geographical area. Once settled a computerized cadastral system, the data maintenance becomes much easier and getting information on the land is faster. In this respect we will explore some of the fundamental relational databases procedures available in ArcGis. Using Microsoft Access we will create databases required. In Arc Catalog we will create the personal geodatabases which is compatible with Access databases. For selecting data that match with interest criteria we will use the option Query. Also, in Arc Catalog we will create the Feature Classes which contain the information about the form under which the details will be presented. Once the land areas and the business for each area are created, the next step is the graphical representation using Arc Map, design the final form of the map and the final layout. In this order, because the data comes from a variety of source is necessary to join the tables for bringing different type of information together – Join Attributes From a Table. Also, we will use a spatial join for the tables which create new feature class, unlike attribute join. Using queries, selection according to several criteria, databases searching we will present also some procedures available for geodatabases in ArcGis.

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