

## **Development of the Geodetic & Cartographic Systems & the modern techniques role**

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### **Abstract**

The national geographical information system becomes a fact in many advanced and developing countries, nevertheless some countries are still in the early stages of creating this system which faces many technological and administrative obstacles with financial aspects.

The goal of the research is to observe the Geodesic and Cartographic system in Syria and to identify the experiments and criteria that are applicable in some of the developed and neighbor countries, and consequently to specify the Geodesic and Cartographic criteria for the geodatabases in Syria through discussing these criteria and highlighting its characteristics when apply in Syria.

The research concludes on confirming the necessity of creating a new Geodesic and Cartographic system for Syria based on new criteria that identify the accuracy and modernity of the work mechanisms, and suggest diverse options to update the Geodesic and Cartographic system.

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