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Geographic Information Systems store information using spatial indices that make it possible to identify the features located in any arbitrary region of a map. For example, a GIS can quickly identify and map all of the locations within a specified radius of a point, or all of the streets that run through a territory.

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## **Geographical Information Systems in Hydrology (eBook, 1996 ...**

Application of Geographic Information Systems in Hydrology and Water Resources Management Edited by K. KOVAR Vice President of the IAHS International Commission on Groundwater,

## **Application of Geographic Information Systems in Hydrology**

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Abstract- The evolution of Geographic information systems (GIS) facilitated the use digital terrain data for topography based hydrological modelling. The use of spatial data for hydrological modelling emerged from the great capability of GIS tools to store and handle the data associated hydro-morphology of the

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## **MassGIS (Bureau of Geographic Information) | Mass.gov**

A geographic information system (GIS) is a computer system for capturing, storing, checking, and displaying data related to positions on Earth's surface. By relating seemingly unrelated data, GIS can help individuals and

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organizations better understand spatial patterns and relationships.

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