Using the Web Gis application for managing the abstraction and discharge water points in a river basin

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Some contributions are considered of the application of information technology in solving problems of water resource management in the basin. It mentions the need to develop Geographic Information System specifically to the water area. It examined the methodology for collection, storage and visualization of spatial data points that characterize the abstraction and wastewater discharge sites. It describes the final product - an objective analysis and monitoring support that includes spatial composition with the possibility of adopting decisions in real time. With the aim of informing the people regarding the WEB GIS methodology by applying the following open source components: MapServer, OpenLayers, PostGIS for collecting, spatial data integration and operation.
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