

### **39. GEOSPATIAL DATA COLLECTION AND GEOGRAPHIC RESOURCE INTEGRATION WITH VISUALIZATION IN REAL-TIME USING GOOGLE MAPS**

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The development of mobile networking technologies provides a straight forward approach in the way of communication to collect the live Geospatial data and share the information to present weather data on an Android Smartphone. Geospatial data collection requires fast processing and avoids delay that collects Geo-information from service providers through API in a timely manner. A New algorithm is proposed to gather different API services that make a library of API services as a resource. Geographic resources are integrated and fed to the cloud to carry the management of above API services. Google map provides V2 mapping service that is used to visualize the Geospatial data collections that are shared on the internet. A New approach is used for spot location without using GPS. This Real-Time Geospatial data collection is very helpful to analyze the weather status and provides alternative pick of an weather alerts as soon as possible for those who really need the next minute weather conditions.

Keywords : Geospatial Data Collection,Google maps,Resource Integration,Visualization.