

CASE STUDY

Project: Development of a GIS Database of Impervious Surfaces
Customer: Leading Global Consulting Services Company

Requirement

The client - a leading global consulting group that provides services in economics, planning, environment, geographical information systems, transportation and infrastructure - aims to create an accurate dataset of impervious surfaces within Ramsey, Minnesota in order to assess the disaster-readiness of the city

Solution Offered

The scope of work involved updating existing impervious surfaces and capture missing Impervious Surfaces. Proper Classification (Building, Water bodies, Recreation, Transportation, Railroad etc.) to each features were done.

- The data underwent thorough quality checks to be part of the client's GIS data model
- The final data becomes part of the client's inputs for assessment of disaster preparedness in the city



Technology Used

- A team of skilled GIS experts was assigned for completion of the project
- The client has provided very high resolution images of 15 cm, as inputs for feature extraction and update
- The team at AABSyS used up-to date ESRI ArcGIS software to complete the given task.
- AABSyS was in continuous correspondence with the clients using instant communication platforms, e-mails and status updates in order to solve any queries and share the status of progress

Customer Advantage

- AABSyS has been providing GIS services for the past several years
- The client, a leading global consulting group that provides services planning, environment, GIS, transportation and infrastructure, was content with the detail and accuracy of the GIS data
- The client appreciated the work done at AABSyS as the deliverables were provided in a time bound, cost effective manner. An extensive quality assurance procedure ensured a flawless execution of the project