

Ismael Torres – GIS/CAD Specialist

Summary

Mr. Torres is the GIS/CAD Specialist with GBMc & Associates, Inc. The software packages used for the production of engineering and mapping projects include ESRI ArcGIS, Autodesk AutoCAD and Eagle Point Software.

Education

2007 BS Architectural Studies, University of Illinois at Urbana-Champaign

2008 AA Computer Aided Drafting and Design, ITT Technical Institute, Little Rock Campus

Experience

GIS

Mr. Torres uses the ESRI ArcGIS platform with the Spatial Analyst extension along with other forms of GIS (Geographic Information System) software to create and develop digital geo-referenced datasets for scientific analysis. Digital Elevation Models (DEM) are used for watershed delineations and drainage determinations. Land use datasets are also produced for land analysis of specific locations. GPS coordinates are routinely recorded during field surveys and the data is recorded in a GIS layer for future use and or location quality assurance.

Computer Aided Design

As a draftsman, Mr. Torres has been involved in design projects for several industrial clients including specialty chemical manufacturers, wastewater treatment plants, water utilities, and paper industry.

He has produced construction drawings for projects including the design of sewage collection and treatment facilities, storm water drainage plans, and sewer relocations. Mr. Torres uses survey data collected to create topographic site maps used for construction, detail drawings, analysis, and volume calculations.
