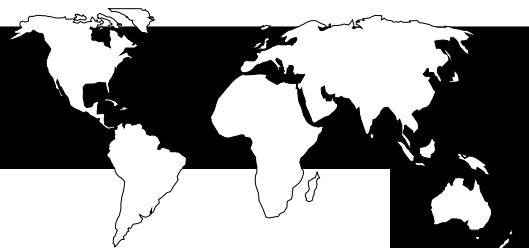


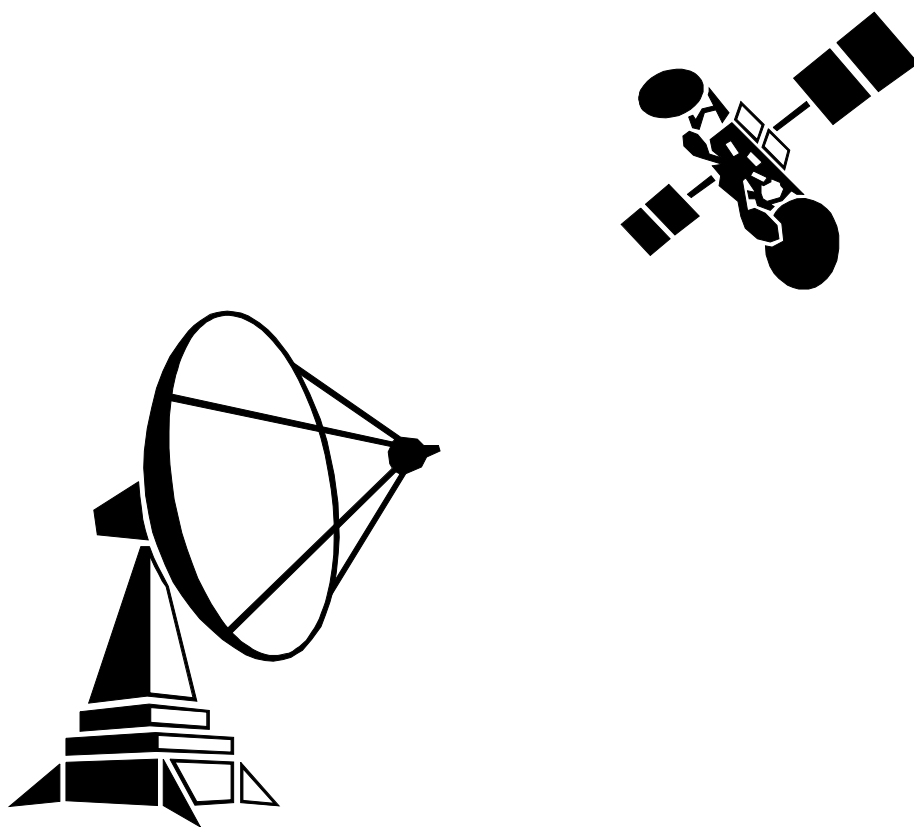
# GEOGRAPHIC INFORMATION SYSTEM



AATA International's Expert Geographic Information System (XGIS) capabilities assist clients in analyzing and understanding complex geographically oriented data, analyses, and results. Many water quality related analyses are enhanced through the use of GIS capabilities, especially with respect to complex watershed management studies, non-point source pollution surveys, regional water quality planning, stormwater management and erosion control projects. AATA works from high-level LANDSAT/SPOT satellite imagery to low-level aerial photography.

Non-point source assessments are greatly facilitated using GIS techniques, as are point source and other water quality studies. Comprehensive watershed management programs are easily and efficiently accomplished using the capabilities afforded by GIS. Water quality modeling results can be developed and superimposed on other physical, chemical, or biological attributes such as slope, soils, land-use, cover, sensitive species, etc. to provide very powerful environmental assessment capabilities.

XGIS capabilities have now expanded to include animation of computer generated modeling results, spatially and/or temporally variable data, and other environmental attributes to illustrate complex points in simple terms that the public, administrative agencies, and juries can understand.



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