

The U.S. Environmental Protection Agency Landscape Ecology Branch and the USDA Agricultural Research Service are pleased to announce that Version 2.0 of the Automated Geospatial Watershed Assessment (AGWA) tool has been released and is available for download (<http://www.tucson.ars.ag.gov/agwa/> or <http://www.epa.gov/nerlesd1/land-sci/agwa/>). In addition, AGWA Version 2.0 has been integrated into the Council for Regulatory Environmental Modeling (CREM) Models Knowledge Base (http://cfpub.epa.gov/crem/crem_report.cfm?deid=75821). AGWA has also been adopted by the National Aeronautics and Space Administration (NASA) Applied Sciences Directorate as part of NASA's Earth Science Enterprise (http://www.asd.ssc.nasa.gov/m2m/M2M_Catalog/Catalog.aspx).



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AGWA 2.0 capitalizes on several features offered by the upgrade to ArcGIS 9.x. These include:

- (1) Personal Geodatabases – these are used to store derived GIS products. Personal geodatabases allow delineations and discretizations to be moved from one project to another with ease.
- (2) ArcObjects – using ArcObjects allowed for a very modular, object-oriented approach to the development of AGWA 2.0. This also allows us to develop the core functionality of the tool independently of a specific user interface, allowing us to develop desktop and internet versions side-by-side.
- (3) Additional Display options – with the built-in graphs of ArcMap, users can now view stream hydrographs for individual events (KINEROS) or for average yearly flows (SWAT). A tool to automate this process is also planned.

In addition to capitalizing on ArcGIS 9.x, AGWA 2.0 will still offer the same features and tools available in AGWA 1.5.

The AGWA tool is publicly available via the website and there are no costs associated with its distribution and use. Additionally, the websites provide helpful user information, technical support documentation, and publications.

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