



Our work is driven by the technologies of tomorrow and informed by lessons learned over our 30-plus-year history of evaluating flood studies for technical accuracy and compliance with the National Flood Insurance Program (NFIP). We have extensive experience in modeling and mapping riverine floodplains nationwide under contract with FEMA and accurately delineate flood hazards and produce digital Flood Insurance Rate Maps in compliance with current FEMA specifications.

Our floodplain analyses utilize one- and two-dimensional hydraulic analysis methods to develop flood elevations of watersheds. We routinely perform floodway analyses that are compliant with NFIP guidelines, as well as specialized floodplain analyses for areas impacted by levees.

We are tenacious in our search for innovative solutions to enhance and streamline our services and products, including our flood hazard analysis and mapping production platform, GeoRAMPP. This platform integrates engineering, mapping, and quality control processes in a multi-user spatial database, allowing multiple participants to work simultaneously on a project in real-time.

The Susquehanna, Mohawk, and Delaware River Basins, New York

In response to the June 2006 floods in New York, as a partner with URS, we performed more than 200 miles of hydrologic and hydraulic analyses, 300 miles of mapping, and extensive data quality reviews in support of the restudy of flood hazards in New York's Susquehanna, Mohawk, and Delaware River basins. This complex project is the largest flood study procured by FEMA.

The Upper Chattahoochee River Basin, Georgia

As a part of the Georgia Flood M.A.P. Program, we conducted a comprehensive restudy of flood risk within the Upper Chattahoochee River Basin. Primarily focusing on a 107-mile stretch of the Chattahoochee River from Buford Dam to Coweta County, this project also includes other major tributaries affecting the Atlanta metropolitan area.

California's Central Valley

As part of California legislation, the state is identifying areas within the Central Valley affected by the 100-year flood event in non-urban areas, and the 200-year flood event in urban areas. We are one of four teams selected for the Central Valley Floodplain Evaluation and Delineation project, tasked with developing base information and models for the upper San Joaquin River region. The resulting multi-stage floodplain evaluations and delineations will be used to meet state and FEMA requirements under California's Central Valley Flood Protection Plan.