

WATER RESOURCES MANAGEMENT

Part of a diversified family of solutions

jmt.com





About Us

Johnson, Mirmiran & Thompson (JMT) is a multidisciplined engineering and architectural firm serving clients throughout the United States since 1971.

We provide a complete array of water resources management services tailored to our clients' needs.

JMT serves a diverse clientele including federal, state, and local government agencies, commercial, industrial, educational, and private institutions, as well as watershed/nonprofit organizations.



JMT Water Resources

JMT is a recognized leader in providing water resources management services for our clients by providing sustainable and innovative solutions with enthusiasm, responsiveness, and integrity. We are committed to and take pride in protecting and improving the watersheds in which we live, work, and play.

Our multidisciplinary, full-service capabilities bolster our technical approach to water resources management solutions while saving money and time for our clients.

We incorporate the complete resources of our firm to perform efficient water resource development services for our clients.

Our Services

Stream & Watershed Restoration

Stormwater Management

Hydrologic & Hydraulic
Modeling & Design

Erosion & Sediment Control

Flood Analysis & Remediation



Stream & Watershed Restoration

We take a holistic watershed approach to restoring streams using robust assessment and analysis techniques. Our team of water resource engineers, environmental scientists, geologists, ecologists, biologists, and landscape architects work closely to develop designs that consider form and function, stable hydraulic conveyance, and ecological uplift.

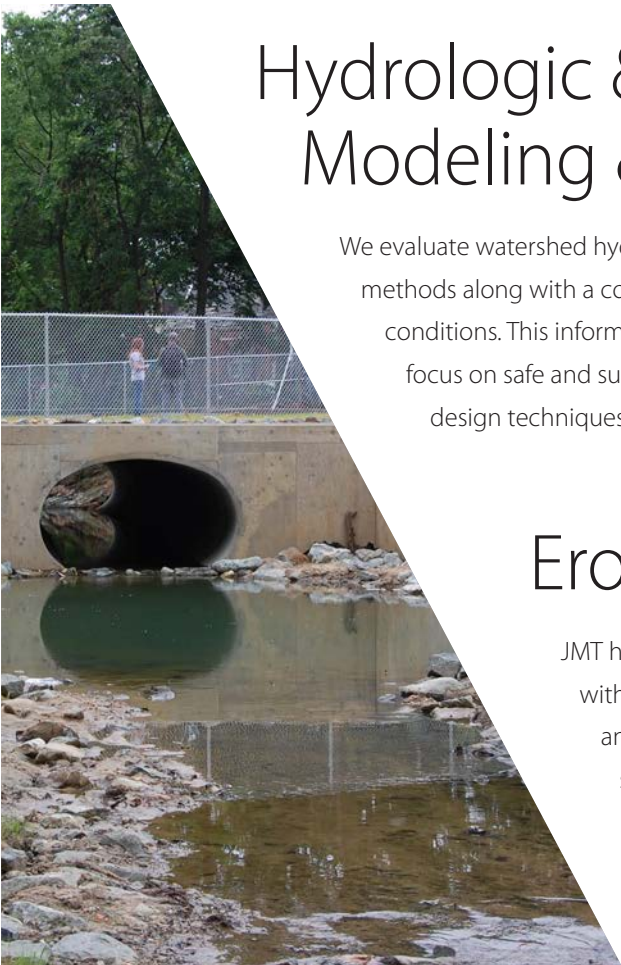
Our specialties include:

- Geomorphic Assessments
- Watershed & Stream Corridor Assessments
- Floodplain Restoration Design
- Habitat Restoration
- Natural Channel Design
- Sediment Transport Modeling & Analysis
- 2-D Hydraulic Modeling



Hydrologic & Hydraulic Modeling & Design

We evaluate watershed hydrology using time-tested and state-of-the-art analytical and computer modeling methods along with a comprehensive understanding of how watersheds respond to current climatic conditions. This informs our hydraulic analysis approach and design recommendations, including a strong focus on safe and sustainable solutions. JMT is versed in a variety of open and closed drainage system design techniques under varying site conditions.



Erosion & Sediment Control

JMT has applied our knowledge as construction inspectors and our close relationships with construction contractors on design-build teams to the preparation of erosion and sediment control designs. We understand how site access, staging and stockpile areas, and sequencing of construction activities can affect permit acquisition timelines, construction contract duration, and cost.

Stormwater Management (SWM)

Our experience in planning, designing, inspecting, maintaining, and construction oversight for thousands of SWM facilities in a variety of urban, suburban, and rural locations for both linear and nonlinear projects, gives us a unique perspective. This expertise is valuable to our clients for meeting the challenges associated with Municipal Separate Storm Sewer System, National Pollution Discharge Elimination System (NPDES), Total Maximum Daily Load, and Combined Sewer Overflow regulatory requirements.

Our services include:

- NPDES Permitting
- Low Impact/Green Infrastructure Design
- Retrofit Design
- Inspection & Maintenance Recommendations
- Dam Engineering and Remediation

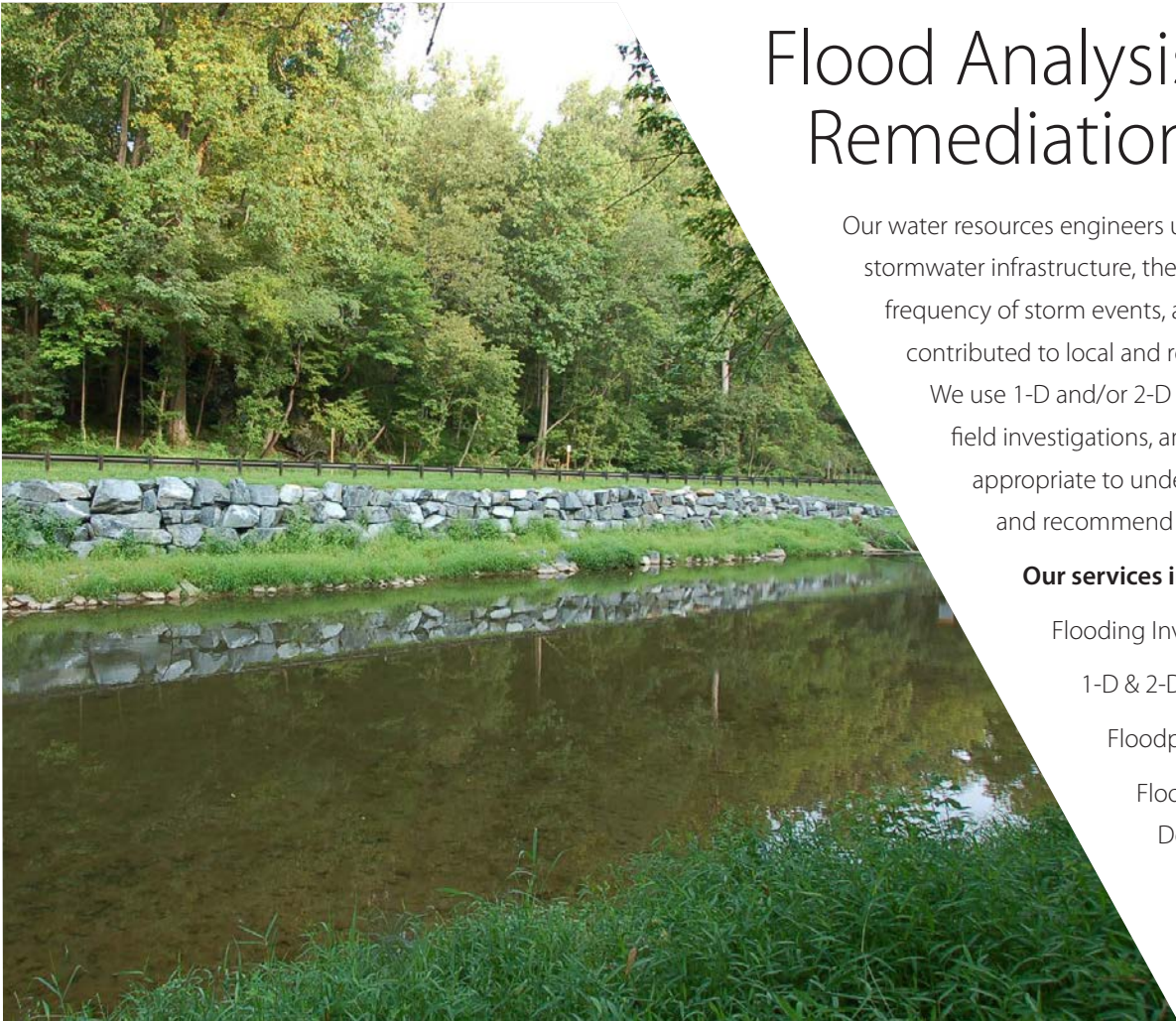


Flood Analysis & Remediation

Our water resources engineers understand that aging stormwater infrastructure, the increased magnitude and frequency of storm events, and sea level rise have all contributed to local and regional flooding issues. We use 1-D and/or 2-D modeling techniques, field investigations, and site monitoring data as appropriate to understand existing conditions and recommend corrective measures.

Our services include:

- Flooding Investigations
- 1-D & 2-D Hydraulic Modeling SWM
- Floodplain Mapping
- Flood Control/Remediation Design





Corporate Office

40 Wight Ave.
Hunt Valley, MD 21030
P. 410.329.3100
jmt.com

Offices strategically located throughout the United States

