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**Recent Reports & Publications**

- [National Cooperative Highway Research Program (NCHRP)](#)
- [IDEA Report 211 - Reducing Stormwater Runoff with Biochar Addition to Roadway Soils](#)
- [Report 1011 - Watershed Approach to Mitigating Hydrologic Impacts of Transportation Projects: Guide](#)
- [Report 971 - Revised Clear-Water and Live-Bed Contraction Scour Analysis](#)

**Current & Upcoming Projects**

- [Current Projects](#)
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- [NCHRP 14-39 - Using Vegetated Compost Blankets to Achieve Highway Runoff Volume and Pollutant Reduction](#)
- [NCHRP 20-44(23) - Pilot Test of Climate Change Design Practices Guide for Hydrology and Hydraulics](#)
- [NCHRP 24-48 - A Methodology for Determining Scour Depth around Structures in Gravel-bed Rivers](#)
- [NCHRP 24-49 - Guidelines for Selection and Application of Manning’s Roughness Values in Two-Dimensional Hydraulic Models](#)
- [NCHRP 24-50 - Rewrite of the AASHTO Drainage Manual](#)
- [NCHRP 25-61 - Development of On-Bridge Stormwater Treatment Practices](#)
- [NCHRP Synthesis 20-05/Topic 53-05 - Practices for Bioretention Stormwater Control Measures](#)
- [NCHRP Synthesis 20-05/Topic 53-09 - Use of Unmanned Aerial Systems for Inspection of Stormwater Best Management Practices](#)
- [NCHRP Synthesis 20-05/Topic 53-11 - Resilient Design with Distributed Rainfall Modeling](#)
- [NCHRP Synthesis 20-05/Topic 54-02 - Outsourcing Stormwater Best Management Practice Inspection & Maintenance Activities](#)
• **Upcoming Projects**
  - NCHRP 15-61A - Updates to the Design Practices Guide for Applying Climate Change Information to Hydrologic and Coastal Design of Transportation Infrastructure
  - NCHRP 20-44(44) - Implementation of the research results of NCHRP Project 15-61: "Applying Climate Change Information to Hydrologic and Hydraulic Design of Transportation Infrastructure"

**Reports from the National Academies Press on Hydraulics & Hydrology**

- Transportation and Infrastructure » Hydraulics and Hydrology
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- Investing in Transportation Resilience: A Framework for Informed Choices
- Mid-Term Assessment of Progress on the 2015 Strategic Vision for Antarctic and Southern Ocean Research
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  - D2449 - Guidance on the Selection and Use of Flow Resistance Values in Two-Dimensional (2D) Hydraulic Models
  - D2561 - Effective On-Bridge Treatment of Stormwater
  - DA0287 - Determining Airfield Pavement Deicer and Anti-Icer Contributions to Airport Stormwater
  - SN4805 - The Renewal of Stormwater Systems Using Trenchless
  - SN5305 - Practices for Stormwater Bioretention
  - SN5309 - Use of Unmanned Aerial Systems for Highway Stormwater Inspections
  - SN5402 - Outsourcing Stormwater Best Management Practice Inspection & Maintenance Activities

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- **Transportation Research Thesaurus (TRT)** – [trt.trb.org](http://trt.trb.org) – A tool to improve the indexing and retrieval of transportation information.
- **Research in Progress (RiP) Database** – [rip.trb.org](http://rip.trb.org) - Current or recently completed transportation research projects
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