Summary

Greg Hoffmann, P.E. is Director of Stormwater Services at the Center for Watershed Protection, Inc. He joined the Center in 2008 and has over 20 years of experience in the water resources engineering field. His responsibilities at the Center include development of stormwater regulations and guidance manuals, training on stormwater design and BMP implementation, stormwater retrofit assessments, and management and oversight of the Center's BMP design projects. Prior to joining the Center, Greg worked for an engineering firm in Port Huron, Michigan, providing design and plan review services to local government clients.

Representative Projects

- Washington, D.C. Site Plan Review. Project Manager. January 2014 – Present
  Due to the Center's extensive work on the District of Columbia Stormwater Management Guidebook, the District has contracted with the Center to provide plan review services for development plans. The Center reviews most of the plans submitted to the District for both stormwater management and erosion and sediment control compliance. Greg does plan reviews and oversees other plan reviewers at the Center to ensure consistency in the Center's deliverables.
- Washington, D.C. Stormwater Guidebook. Project Manager. January 2008 – July 2013 and October 2018 – January 2020
  This project entailed the production of a guidance manual for use by developers and regulators in adhering to and implementing the Washington, D.C. stormwater regulations, which include requirements for retention on-site of 90% of annual rainfall. As project manager, Greg coordinated development of the guidebook. The first version of the Guidebook was completed in 2013, with an update published in 2020.
- New York State Stormwater Management Design Manual Review. Quality Control. June 2021 – 2023
  CWP was contracted by the State of New York to assist with updates to their state stormwater manual. CWP reviewed the draft version of the manual, developed by the state's consultant, and provided feedback regarding the state of the science in stormwater management.
- Fair Hill Nature Center Redevelopment and Stormwater Retrofits. Quality Control. December 2015 – June 2021.
  This project involved the complete redevelopment of a 16-acre portion of the Fairhill Natural Resource Management Area in Elkton, Maryland. The existing site was almost entirely impervious, with both packed gravel and asphalt. Formerly used for hay storage, the area was mostly abandoned and unusable. The Center re-designed the site to provide parking for the nearby nature center and trails while greatly reducing the site's impervious cover and including a number of stormwater best management practices, including permeable pavement, impervious disconnection, bioretention, and step pool stormwater conveyance practices.

- Stormwater Retrofits at Audubon Naturalist Society. Project Manager. May 2015 – Present
  The Center has developed and overseen implementation of several retrofit designs to reduce runoff, improve water quality, and address drainage problems at the Audubon Naturalist Society's Woodend Sanctuary. The projects have included bioretention, permeable pavement, step pool stormwater conveyance, and an innovative above-ground rain garden with a permeable berm design that temporarily ponds stormwater, but filters and releases it quickly to avoid harm to the mature trees in the vicinity.
- James River Extreme BMP Makeover. Team Assistant. January 2008 – June 2010
  This project was intended to enhance the nutrient removal performance of urban stormwater BMPs by using research and a series of BMP field assessments to develop the next generation of high-performing stormwater BMPs, focusing on the James River watershed in Virginia. Greg assisted in creation of the field assessment form and lead reconnaissance teams during field work.
- Virginia Stormwater Management Guidance. Team Assistant. February 2008 – September 2009
  The Center was tasked with assisting the Virginia Department of Conservation and Recreation with development of new stormwater regulations. Greg's role included development of an innovative spreadsheet to quantify the pollutant removal benefits of dispersed runoff reduction practices, and account for them in the context of channel and flood protection designs.

Education

- Master of Engineering, Michigan Technological University, 2002
- BS Environmental Engineering, Michigan Technological University, 2001
- Supplemental Coursework: CIVE T580: Stormwater Planning in the Era of Climate Change, Drexel University, 2020

Licenses and Certifications

- Professional Engineer, licensed in
  - Maryland (#35532)
  - Michigan (#6201052696)
  - Virginia (#0402058367)
  - District of Columbia (#PE907714, since 2018)

Publications

- Battiata, J.G., Collins, K.A., Hirschman, D.J., and **Hoffmann, G.P.** The Runoff Reduction Method: Stormwater Design to Reduce Runoff Volumes. Journal of Contemporary Water Research and Education.