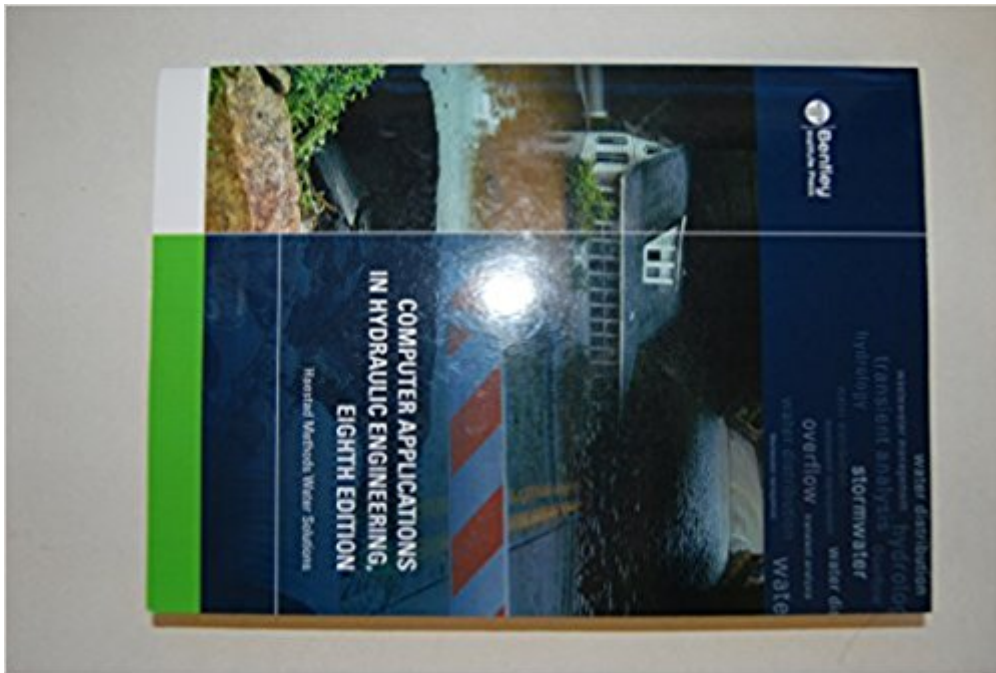


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Computer Applications In Hydraulic Engineering



Synopsis

Computer Applications in Hydraulic Engineering (CAiHE), 8th Edition is an all-inclusive water resources guide for practicing engineers and students in the hydraulics and hydrology fields. It links theory with real-world applications through exercises and examples of the technology, theory, and analysis methods at the forefront of hydraulic engineering. The examples cover everything from water quality analysis and hydraulic theory to detention pond design, dynamic modeling, culvert hydraulics, and more. The book includes an accompanying DVD with academic licenses of the flagship products in Bentley's water and wastewater solution, as well as updated and expanded tutorials that reflect the software's latest advances. Also new to the 8th edition is a chapter about transient analysis that features step-by-step tutorials that demonstrate how to identify, manage, and mitigate transient risks using Bentley HAMMER.

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The contributing staff is a diverse group of professionals with experience ranging from software development and engineering consulting to public works and academia. Led by Dr. Tom Walski, the authors that contributed to the book include Tom Barnard, Rocky Durrans, Mike Meadows, Steve Lowry, and Brian Whitman. This broad cross section of expertise contributes to the development of some of the most comprehensive software and educational materials in the civil engineering industry.

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