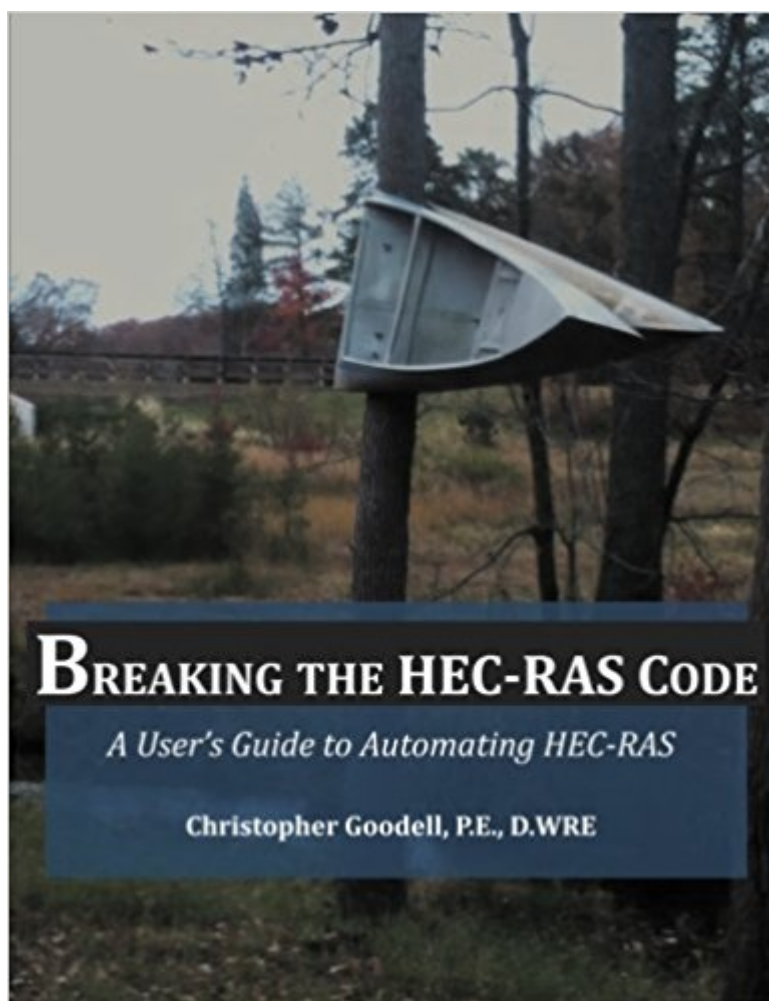




Ebook Directory
the best source of ebook

The book was found

Breaking The HEC-RAS Code: A User's Guide To Automating HEC-RAS



Synopsis

One of the most powerful, yet relatively unknown features available in HEC-RAS is the HECRASController. The HECRASController API has a wealth of procedures which allow a programmer to manipulate HEC-RAS externally by setting input data, retrieving input or output data, and performing common functions such as opening and closing HEC-RAS, changing plans, running HEC-RAS, and plotting output. HECRASController applications are seemingly endless. Not only can the retrieval and post-processing of output be automated, but with the HECRASController, real-time modeling and probabilistic experiments like Monte Carlo are possible. If you have HEC-RAS on your computer, you already have the HECRASController! “Breaking the HEC-RAS Code” explains how the HECRASController works, provides example applications of the HECRASController, and catalogs the vast array of programming procedures (with explanations and examples on how to use them) embedded in the HECRASController. This is a "must-have" book for all HEC-RAS users. Professionals: Give yourself an edge for the next proposal and do something groundbreaking with HEC-RAS. Students: Make yourself marketable by adding the skills offered in this book.

Book Information

Paperback: 278 pages

Publisher: h2ls; 1 edition (October 31, 2014)

Language: English

ISBN-10: 0990891801

ISBN-13: 978-0990891802

Product Dimensions: 8.5 x 0.6 x 11 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 6 customer reviews

Best Sellers Rank: #1,183,170 in Books (See Top 100 in Books) #63 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Environmental > Groundwater & Flood Control #336 in Books > Engineering & Transportation > Engineering > Mechanical > Hydraulics

Customer Reviews

Christopher Goodell is the Director of Applied Research for WEST Consultants, Inc. He is a licensed professional engineer and a Diplomate of Water Resources Engineering with the American Academy of Water Resources Engineers. He spent over two years at the Hydrologic Engineering

Center working on the development of HEC-RAS and has been teaching HEC-RAS to professionals since 2001. Mr. Goodell regularly gives lectures and presentations on HEC-RAS and is the author of The RAS Solution, an online help site dedicated to HEC-RAS. He resides in Portland, Oregon with his wife and three daughters.

This book is a valuable tool for HEC-RAS users in order to automate procedures by controlling the program externally. The book is suitable for programming beginners considering that describes stepwise routines for controlling HEC-RAS from Microsoft Excel using VBA; however it also provides the necessary information for experienced programmers who want to do their own developments. The included examples are really useful for practical purposes. I strongly recommend this book specially if you need to perform computationally demanding tasks as Monte Carlo simulations.

Great

This book is a fantastic resource that has already proved invaluable to me in the several weeks I have been using it. It is accessible for those with no programming experience to speak of, going through the basics needed to understand the very well commented example code. For those with more extensive programming experience looking to exploit the ability to automate the parameters and execution of multiple HEC-RAS runs, every possible internal API function is rigorously documented and the syntax needed to specify every detail of a model via its associated text files is provided. Depending on what you want to do, it might have even provided the code for you in the many example applications. If the potential to automate control of HEC-RAS might at any point be useful to you, buy this book.

This is an excellent resource for hydraulic engineers. The book is very well written and presented. The strategies presented in this text truly unleash the vast potential the HEC-RAS has, in its use from small scale hydraulic design to large scale dam breach analysis and everything in between. The text is complete with respect to relevant examples with explanation. Application of techniques presented herein will certainly make life easier for hydraulic engineers.

Great book! Easy to follow and can be understood by anyone with basic experience with HEC-RAS. Allows you to expand the capabilities of HEC-RAS and allows you to easily automate and control

HEC-RAS. A must buy!

I have started to flip through the book and wanted to give you some initial feedback. The book looks to be everything I need to get started on some of my HEC-RAS automation projects! I have gone through the first few examples and am very excited to dig further into it. I believe this is the reference available that gives information on the HEC-RAS controller and syntax needed to program with it.

[Download to continue reading...](#)

Breaking the HEC-RAS Code: A User's Guide to Automating HEC-RAS Windows 10: The Ultimate 2017 Updated User Guide to Microsoft Windows 10 (2017 updated user guide, tips and tricks, user manual, user guide, Windows 10) Echo: Echo Advanced User Guide (2017 Updated) : Step-by-Step Instructions to Enrich your Smart Life (Echo User Manual, Alexa User Guide, Echo Dot, Echo Tap) How to Install Kodi on Firestick: The Ultimate User Guide How to Install Kodi on Fire Stick (the 2017 updated user guide, tips and tricks, home ... (user guides, fire stick,) Echo Dot: Echo Dot User Manual: From Newbie to Expert in One Hour: Echo Dot 2nd Generation User Guide: (Echo, Dot, Echo Dot, ... Manual, Alexa, User Manual, Echo Dot ebook) Crazy Is My Superpower: How I Triumphed by Breaking Bones, Breaking Hearts, and Breaking the Rules Shopify Dropshipping: 2 in 1: Automated Dropshipping with Oberlo AND Shopify Applications (How to Make Money Online and Earn Passive Income by Automating your eCommerce Online Business on Shopify) Automating Inequality: How High-Tech Tools Profile, Police, and Punish the Poor Cyber Attacks, Counterattacks, and Espionage (Cryptography: Code Making and Code Breaking) Uncracked Codes and Ciphers (Cryptography: Code Making and Code Breaking) Kindle Fire: Owner's Manual: Ultimate Guide to the Kindle Fire, Beginner's User Guide (User Guide, How to, Hints, Tips and Tricks) Windows 10: The Ultimate 2 in 1 User Guide to Microsoft Windows 10 User Guide to Microsoft Windows 10 for Beginners and Advanced Users (tips and tricks, ... Windows, softwares, guide Book 7) 2012 International Plumbing Code (Includes International Private Sewage Disposal Code) (International Code Council Series) Building Code Basics: Commercial; Based on the International Building Code (International Code Council Series) Echo: Dot:The Ultimate User Guide to Echo Dot 2nd Generation with Latest Updates (the 2017 Updated User Guide,by ,Free Movie,web services,Free ... Kit) (internet,smart devices, Alexa) User's Guide to Eye Health Supplements: Learn All About the Nutritional Supplements That Can Save Your Vision (Basic Health Publications User's Guide) How to Install Kodi on Firestick: A Step by Step User Guide How to Install Kodi on Fire Stick (the 2017 updated user guide, tips and tricks, home ... tv, by

echo,digital media,internet) Echo: The 2017 Updated Echo User Guide and Echo Dot User Guide, Master Your Echo and Echo Dot in 1 Hour! (With Step-by-Step Instructions & The 250 Best Echo Easter Eggs included) A User's Guide to Morning and Evening Prayer (User's Guide to the Book of Common Prayer) Windows 10: Complete Beginners Guide To Microsoft WINDOWS 10 (Tips And Tricks, User Manual, 2017 Updated User Guide)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)