



# Introduction to Optimization Analysis in Hydrosystem Engineering (Topics in Safety, Risk, Reliability and Quality)

*By Ehsan Goodarzi, Mina Ziaei, Edward Zia Hosseini pour*

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This book presents the basics of linear and nonlinear optimization analysis for both single and multi-objective problems in hydrosystem engineering. The book includes several examples with various levels of complexity in different fields of water resources engineering. The examples are solved step by step to assist the reader and to make it easier to understand the concepts. In addition, the latest tools and methods are presented to help students, researchers, engineers and water managers to properly conceptualize and formulate resource allocation problems, and to deal with the complexity of constraints in water demand and available supplies in an appropriate way.

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## **Editorial Review**

From the Back Cover

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Exactly why? Because this Introduction to Optimization Analysis in Hydrosystem Engineering (Topics in Safety, Risk, Reliability and Quality) is an unordinary book that the inside of the book waiting for you to snap the item but latter it will shock you with the secret this inside. Reading this book close to it was fantastic author who also write the book in such wonderful way makes the content within easier to

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