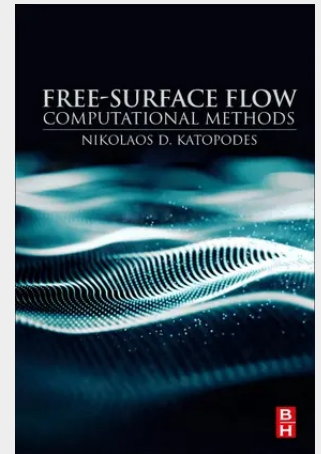


Free-Surface Flow

Free-Surface Flow: Computational Methods presents a detailed analysis of numerical schemes for shallow-water waves. It includes practical applications for the numerical simulation of flow and transport in rivers and estuaries, the dam-break problem and overland flow. Closure models for turbulence, such as Reynolds-Averaged Navier-Stokes and Large Eddy Simulation are presented, coupling the aforementioned surface tracking techniques with environmental fluid dynamics. While many computer programs can solve the partial differential equations describing the dynamics of fluids, many are not capable of including free surfaces in their simulations.



240,50 €

224,77 € (zzgl. MwSt.)

Nicht mehr lieferbar

Artikelnummer: 9780128154854

Medium: Buch

ISBN: 978-0-12-815485-4

Verlag: Elsevier Science & Technology

Erscheinungstermin: 07.11.2018

Sprache(n): Englisch

Auflage: Erscheinungsjahr 2018

Produktform: Kartoniert

Gewicht: 1415 g

Seiten: 914

Format (B x H): 154 x 424 mm

