



## Recent Advances in Hydraulic Physical Modelling Nato Science Series E

By -

Springer. Hardcover. Condition: New. 627 pages. Dimensions: 9.7in. x 6.3in. x 1.5in. The growing use of mathematical models in hydraulics has not made physical models obsolete. They keep pace with mathematical models and in some cases make progress in conjunction with them. Physical models continue to be developed: more precise use of similitude criteria, better knowledge of scale effects, new and more complex types of model, use of various artifices, more adequate instrumentation, automation of the operation of model- all these point to that development. What was needed was to make a survey of the situation, and this was the principal aim of the NATO Advanced Study Institute on Recent Advances in Hydraulic Physical Modelling, which took place on the premises of the Laborat6rio Nacional de Engenharia Civil (LNEC) in Lisbon, Portugal, from 4th to 15th July 1988, and of which this book is one of the main outputs. It is divided into 11 chapters, corresponding to 28 lectures that cover five areas: fundamentals of physical modelling, river models, hydraulics of structures, maritime hydraulics and density models. -- Modelling is obviously dependent on the knowledge of the phenomena that are being modelled. This book is therefore also a...



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