

Introduction to Urban Water Distribution comprises the training material used in the Master of Science programme in Municipal Water and Infrastructure at UNESCO-IHE. Participants in this programme are professionals working in the water and sanitation sector from over forty, predominantly developing, countries from all parts of the world. Outside this diverse audience, the most appropriate readers are those who know little or nothing about the subject. However, experts dealing with advanced problems can also use it as a refresher of their knowledge. The general focus in the contents is on understanding the steady-state hydraulics that forms the basis of hydraulic design and

computer modelling applied in water distribution. The main purpose of the workshop problems and the design exercise is to develop a temporal and spatial perception of the main hydraulic parameters in the system for given layout and demand scenarios.

Furthermore, the book contains a detailed discussion on water demand, which is a fundamental element of any network analysis, and general principles of network construction, operation and maintenance. The book includes nearly 500 illustrations and the accompanying CD contains all the spreadsheet applications mentioned in the text and also the network model used in the design exercise.



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of water distribution, in general, and in the application of computer models in urban distribution networks, in particular. Apart from lecturing assignments, the author is involved in the guidance of MSc research as well as in organising various forms of training, including the development of on-line learning modules in water distribution. Numerous lecturing missions that he has conducted in Africa and Asia include participation in various capacity-

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In addition to his academic duties, in his career at UNESCO-IHE the author served as the programme coordinator of the Sanitary Engineering Masters programme and was the director of a large capacity-building project conducted at Kwame Nkrumah University of Science and Technology (KNUST) in Kumasi, Ghana. Currently, he is the coordinator of the programme in water distribution in the institute and the director of the Water Resources Management and Environmental Sanitation project implemented in consortium with KNUST, Delft University of Technology and IRC International Water and Research Centre.



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