

# Desalination and Advanced Water Treatment Economics and Financing

by Corrado Sommariva



This publication is a detailed guide to technology selection for desalination and water re-use projects. It covers all aspects of planning, managing, and completing desalination projects. Its objective is to provide readers with information required for feasibility economics, water cost, tariff modeling and budgeting of desalination and wastewater treatment plants.

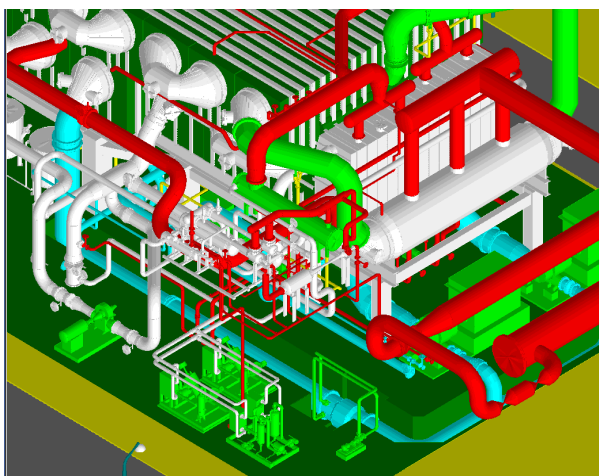


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The book is written and compiled by Dr. Corrado Sommariva, an internationally recognized expert on desalination and water re-use, and a Board Director of both the IDA and EDS organizations.

*Desalination and Advanced Water Treatment Economics and Financing* will provide the reader with in depth knowledge of:

- Desalination and advanced wastewater technologies state of the art and future directions
- Desalination technologies selection including energy — footprint, environmental issues, chemicals, operation and maintenance, lifetime assessment, CAPEX and OPEX
- Financing, and contracting desalination and water treatment plants
- Funding and gearing of desalination projects
- Structure of project agreements and risk allocation
- Cost of water
- Tariff modelling
- Budgeting and project implementation cash flows
- Tariffs



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**by Corrado Sommariva**

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