

# Visual Hydrology

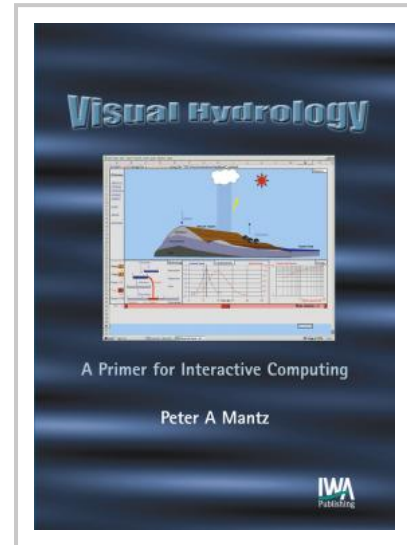
One approach to the introduction of computational material to the classroom is to supplement a textbook with modern computer codes. Unfortunately most codes are expensive, designed for commercial use, without source code and may require special software. **Visual Hydrology** provides a cheaper and simpler alternative, supplying computational exercises that can be fully assimilated by students, and allowing them to activate, understand and reproduce modern computer code.

**Visual Hydrology** aims to:

- explain the structure of modern object-oriented computer code
- provide the source code for worked examples
- numerically check the worked examples used in text
- show how worked examples can be used with alternative data
- describe and reference the underlying theory
- provide additional exercises with each worked example
- use Microsoft Excel software alone

Requiring only a basic knowledge of Microsoft Excel, this Primer teaches the use of modern and readily-available computer code for engineering computation. **Visual Hydrology** demonstrates codes for common and practical examples used in hydrological engineering, and will be a valuable resource to students, research workers and consulting engineers in the water-related sector.

[Examples of source code to accompany this publication can be downloaded by clicking here.](#)[1]



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