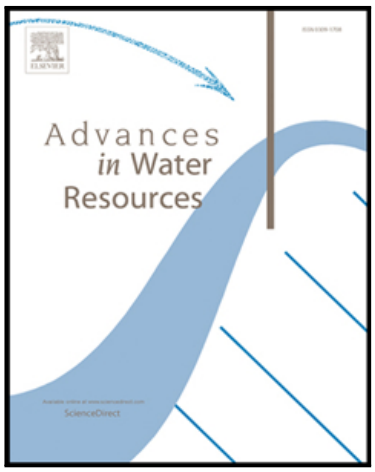

Numerical modeling of open channel flow with suspended canopy

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Highlights

- Delft3D-FLOW module was employed to simulate open channel flow with suspended canopy.
- Bottom friction significantly affects the flow characteristics for suspended canopy.
- Spatial evolution of the mixing layer was researched.
- We examine the influence of suspended canopy thickness and density on open channel flow.