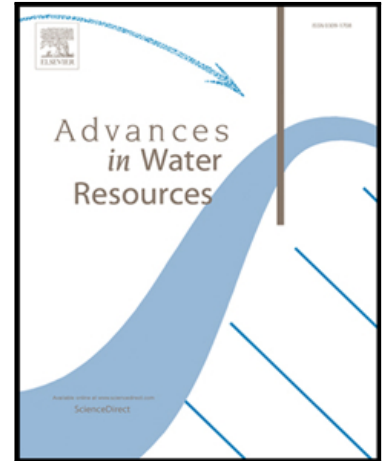


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Wake structure and sediment deposition behind models of submerged vegetation with and without flexible leaves

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Highlights

- This study explores the flow structure and patterns of deposition that occurred directly downstream of patches of submerged vegetation.
- How the presence of flexible leaves changed the wake structure and deposition produced by channel-spanning patches is studied.
- The impact of flexible leaves of different lengths on circular patch wakes and deposition patterns is investigated.
- The aspect ratio at which the patch wake transitions from similarity with a circular patch to similarity with a channel-spanning patch is determined.

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