

Multiple Stressors in River Ecosystems

Status, Impacts and Prospects for the Future

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An integrated perspective on environmental stressors on rivers, including interactions and joint effects

Key Features

- Case study approaches and a geographic description on the relevance of multiple stressors for river ecosystems in different biomes
- Gives a uniquely integrated perspective on different stressors, including their interactions and joint effects, as opposed to the traditional one-by-one approach
- Compiles of state-of-the-art methods and technologies in monitoring, modeling, and analyzing river ecosystems under multiple stress conditions.
- Gives a clear, contextual focus on the functioning of river ecosystems
- Access to a broad range of global perspectives, from the natural to the socioeconomic sciences, to assess the status and projected development of these fragile and vulnerable ecosystems

Multiple Stressors in River Ecosystems provides a comprehensive and current overview, written by leading river scientists, approaching the relevance of co-occurring stressors for river ecosystems. River ecosystems are subject to multiple stressors that threaten their ecological status and the ecosystem services they provide.

Multiple Stressors in River Ecosystems updates the reader's knowledge on the response and management of river ecosystems to multistress situations occurring under global change. Detailing the risk for biodiversity and functioning in a case-study approach, it provides insight into methodological issues, and includes socio-economic implications, making it perfect for everyone working with or studying rivers and their ecosystems.



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