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Bio

ACADEMIC APPOINTMENTS

- Sr Research Engineer, Stanford Woods Institute for the Environment

Publications

PUBLICATIONS

- **Global expansion of sustainable irrigation limited by water storage.** *Proceedings of the National Academy of Sciences of the United States of America*
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- **Modeling multiple ecosystem services and beneficiaries of riparian reforestation in Costa Rica** *ECOSYSTEM SERVICES*
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- **Floating solar power: evaluate trade-offs** *NATURE*
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- **Restoring Rivers and Floodplains for Habitat and Flood Risk Reduction: Experiences in Multi-Benefit Floodplain Management From California and Germany** *FRONTIERS IN ENVIRONMENTAL SCIENCE*
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- **Nature-based solutions for flood risk reduction: A probabilistic modeling framework** *ONE EARTH*
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- **Sediment transport at the network scale and its link to channel morphology in the braided Vjosa River system** *EARTH SURFACE PROCESSES AND LANDFORMS*
  Bizzi, S., Tangi, M., Schmitt, R. P., Pitlick, J., Piegay, H., Castelletti, A.
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- **Strategic basin and delta planning increases the resilience of the Mekong Delta under future uncertainty** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
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- **Joint strategic energy and river basin planning to reduce dam impacts on rivers in Myanmar** *ENVIRONMENTAL RESEARCH LETTERS*
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- **Modeling seasonal water yield for landscape management: Applications in Peru and Myanmar.** *Journal of environmental management*
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- **Impacts of current and future large dams on the geographic range connectivity of freshwater fish worldwide.** *Proceedings of the National Academy of Sciences of the United States of America*
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