

**Call for Paper for a Special Issue on “Sustainable Coastal Social-ecological Systems”-
International Journal of Sustainable Development and World Ecology**

International Journal of Sustainable Development & World Ecology (IF 2.37), has agreed to publish a special issue on sustainable coastal social-ecological systems. All manuscript submissions are subject to initial appraisal by the Guest Editors and if found suitable for further consideration, to peer review by independent, anonymous expert referees.

Justification:

Understanding human-nature interactions is vital for implementing development practices that optimize human well-being and sustain resource utilization. Coastal systems comprising both social and ecological elements of interconnected reliance across multiple scales can be conceptualized as complex socio-ecological systems (SES). Approximately 40% of global population lives within 100 km of the shore, and global change is rapidly shifting boundary conditions of both human and ecological domains within these coastal SES. The objective of this special issue is to advance understanding of the sustainability of human-nature interactions within coastal settings through theoretical SES approaches and related analytical methods.

Scope and Potential Topics:

We invite original research article, reviews, short research and short communication paper including, but not limited to, the following themes:

- Quantitative and qualitative approaches for assessing sustainability of coastal systems by using SES approaches, such as system dynamics modelling, network analysis, agent based modelling, participatory and/or mixed methods
- Operationalizing SES approaches for management and governance of coastal resources in the context of sustainable development of coastal SES.
- Sustainable Development Goals (SDGs) in the context of coastal SES
- Social-ecological system archetypes and co-evolution for coastal SES management
- Qualitative methods, including case studies, ethnographic and/or grounded theoretical approaches for examining coastal systems;
- Integrated frameworks for coupling social, institutional, and natural systems in coastal systems analyses;
- Environmental justice/telecoupling/equity for ensuring the sustainability of coastal SES.

Keywords: Social-ecological systems; Coastal systems; Sustainability; Sustainable development; Transdisciplinary

Guest Editors:

Name: Dr. Md. Sarwar Hossain

Email: sarwar.sohel@giub.unibe.ch

Affiliation: Institute of Geography, University of Bern, Switzerland

Home page:

http://www.geography.unibe.ch/about_us/staff/dr_sohel_md_sarwar_hossain/index_eng.html#pane539117

Interests: Social-ecological systems analysis and modelling, system dynamics modelling, ecosystem services and human well-being, boundaries (e.g. safe and just operating space, tipping point) for sustainable development, coastal management, risk and resilience of social-ecological systems.

Name: Dr. Animesh K. Gain

Email: gain@geographie.uni-kiel.de

Affiliation: Institute of Geography, Christian Albrechts University of Kiel, Germany

Home page: <http://www.crslr.uni-kiel.de/en/people/post-doctoral-researchers/dr.-animesh-gain.html>

Interests: Social-ecological system; coastal management; water resources management;

Name: Dr. Kimberly G. Rogers

Email: kgrogers@colorado.edu

Affiliation: Institute of Arctic and Alpine Research, University of Colorado Boulder, USA

Home page: <https://instaar.colorado.edu/people/kimberly-g-rogers/>

Interests: Coupled human-natural systems; coastal hazards related to global change and anthropogenic processes; environmental governance; social-ecological-technical systems

Major deadlines

Submission of paper title to guest editors: February 28, 2019

Abstract Submission to guest editors: April 30, 2019

Submission of full Paper to journal: October 30, 2019

Initial review feedback to authors: November 30, 2019

Revised submission: January 30, 2020

Final online publication: February 20, 2020

Submission of a title to Dr Md Sarwar Hossain (e-mail: sarwar.sohel@giub.unibe.ch), Dr. Animesh K. Gain (e-mail: gain@geographie.uni-kiel.de) and Dr. Kimberly G. Rogers (e-mail: kgrogers@colorado.edu) by February 28, 2019. If you have already prepared your abstract then please submit your abstract and the title to guest editors.

The guest editorial team completes evaluation of titles and invites authors to submit 300-400 word abstract (max one page): April 30, 2019

The guest editorial team completes evaluation of abstract and invites authors to submit full paper. All papers for the special issue will go through the journal's normal refereeing process. All peer review is double blind and submission is online via [ScholarOne](#).

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