

Dear all

Two items this week:

- Two PhD project opportunities in the hydrologic sciences at Monash University with the University of Melbourne
- A call for papers for a Modeling MultiSector Dynamics to Inform Adaptive Pathways special issue at Earth's Future (flyer attached)

If you would like something included in this digest please email it to office@mssanz.org.au

kind regards, Karen

PhD Scholarship Opportunities – Catchment Hydrology

Two exciting PhD projects are available for Australian nationals (or those with PR) in the hydrologic sciences. You will work with a dynamic and industry-aligned team at Monash and the University of Melbourne to statistically explore long-term hydrological change during and after droughts (see [presentation-1](#) and [presentation-2](#) for background concepts).

Successful applicants will receive a stipend of \$29,000 p.a. tax-free plus an additional \$6,000 p.a. tax-free top-up scholarship.

For details visit: <http://careers.pageuppeople.com/513/cw/en/job/611704/phd-opportunity-catchment-hydrology>. Applications close 11 October, 2020.

MSD Special Issue at Earth's Future

We are excited to announce that the [MultiSector Dynamics Community of Practice](#) (MSD CoP) has just officially opened a [Call for Papers at Earth's Future](#).

Earth's Future is the American Geophysical Union's transdisciplinary Gold Open Access journal focusing on the state of the planet and its inhabitants, sustainable and resilient societies, the science of the Anthropocene, and predictions of our common future.

Please consider contributing your papers. More details are provided in the attached flyer.

Please share this with anyone that may be interested. Apologies for cross posting.

MSD Special Issue at Earth's Future



Modeling MultiSector Dynamics to Inform Adaptive Pathways

We are proud to announce that our Community of Practice is leading a [Call for Papers at Earth's Future](#).

Submission Open: 1 October 2020

Submission Deadline: 1 October 2021

Special Section Organizers:

Patrick Reed, Cornell University

Jan Kwakkel, Technical University at Delft

Julie Rozenberg, World Bank

Jennifer Morris, Massachusetts Institute of Technology

Jordan Macknick, National Renewable Energy Laboratory (NREL)

Special Issue abstract:

Designing dynamic and adaptive strategies for navigating the challenges of the Anthropocene hinges on a sound understanding of the interdependent co-evolution of our technological (e.g., water supply, energy, transport, etc.), societal (population, health, economy), natural (watersheds, wetlands, forests, coasts) and managed (water resources, agriculture, forestry) systems. Understanding and projecting the dynamic interaction of these systems, and inherent systematic risks, is a grand scientific challenge that requires integration of concepts, data, methods, and insights from many disciplines in novel ways. The field of MultiSector Dynamics (MSD) aims to advance our understanding of the co-evolution of human and natural systems in response to environmental, technological and societal changes and shocks; and to build the next generation of tools that bridge across sectors, scales, and disciplines. This special issue seeks state-of-the-art contributions that provide new insights and technical innovations that advance the emerging field of MSD.