Happy New Year to you all

A reminder that the call for sessions for MODSIM2021 is open until 26 February. See more at
https://mssanz.org.au/modsim2021/streams.html

To start off the new year here are two positions that might be of interest:

- A senior research scientist with skills in freshwater ecology and modelling at CSIRO in Canberra or Adelaide
- A mathematical modeller / data scientist at CSIRO in Brisbane

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

kind regards, Karen

Senior Research Scientist – Freshwater Ecologist

- Are you an experienced scientist with skills in freshwater ecology and modelling?
- Apply your expertise to projects that will inform river and wetland management in Australia.
- Join CSIRO Land and Water and deliver research with real-world impact!

This position represents an exciting opportunity for a Senior Research Scientist in Freshwater Ecologist to join our Managing Water Ecosystems Group. Working within a multi-disciplinary team, you will apply your extensive experience in environmental flows research to deliver to science strategy, develop and lead new projects and deliver into existing research initiatives. You will also be fundamental to building and maintaining both internal and external client relationship. Reporting to the Group Leader, you will lead projects that combine multiple sources of evidence (e.g. ecological, hydrological, climate), to guide management of rivers, wetlands and floodplains. This research will progress scientific understanding of the relationship between ecology, freshwater systems and environmental factors, with findings applicable for use in predictive models where outcomes can be translated to inform river and wetland ecology and management in Australia.

More information at https://jobs.csiro.au/job/Adelaide%2C-SA-Freshwater-Ecologist/706796100/?locale=en_GB

Mathematical Modeller/ Data Scientist

- Provide mathematical & systems modelling capability for critical science initiatives
- Advance science in transport & logistics; supply chain analysis & benchmarking; supply chain resilience & recovery
- Join CSIRO, help solve Australia's greatest scientific challenges!

CSIRO Land and Water is a national and international partnership led by CSIRO and involving leading research providers from the national and global innovation systems. Our expertise addresses Australia's national challenges and is increasingly supporting developed and developing nations response to complex economic, social, and environmental issues related to water, land, cities, and ecosystems.

The role of Mathematical Modeller / Data Scientist provides innovative science in mathematical and spatial analysis to advance the team activities in transport and logistics; supply chain analysis and benchmarking; supply chain resilience and recovery. The position provides mathematical and systems modelling capability to underpin the science in areas such as Transport Network Strategic Investment Tool (TraNSIT) (www.csiro.au/TraNSIT), and provide capability for emerging national and CSIRO priorities including supply chain resilience and benchmarking, food security as well as response and recovery to national disasters.

More information at https://jobs.csiro.au/job/Brisbane%2C-QLD-Mathematical-Modeller-Data-Scientist/706812000/