MSSANZ Digest

This digest will update MSSANZ members on the upcoming MODSIM 2019 congress or Society matters, as well as provide links to further information on scholarship or employment opportunities provided by our members. The digest will be emailed to the MSSANZ mailing list once per week, or less frequently during quiet times, and past versions will be accessible from the MSSANZ website. MODSIM2019 emails will continue to be sent as needed.

1. MODSIM 2019 News

Follow us on twitter @modsim2019

2. Society Noticeboard

Nominations for 2019 MSSANZ Biennial Medallists and ECRE's

- The Biennial Medal is the highest award bestowed by the Society, with a maximum of just three recipients every two years. The Early Career Excellence Awards are also highly prestigious with only a handful of recipients every two years. See past recipients here.
- To nominate, please first read the guidelines and full nomination procedures. To complete the process, send the nomination and CV of the nominee to awards@mssanz.org.au.
- Nominations are now open and will close on Friday 30 August with the awards presented in December in Canberra at MODSIM 2019.

Scholarship or Employment Opportunities

- Senior Catchment Modeller, Queensland Natural Resources, Mines and Energy (Applications close 03 July 2019)
- Research Fellow in Water Resources Modelling and Management, The University of Melbourne (Applications close 07 July 2019)
- PhD project with industry funding, The University of Melbourne, on modelling shoreline vegetation at Lake Victoria, NSW (Expressions of interest close 14 July 2019).
- Postdoctoral level (or academic level 2/B) quantitative ecologist position to work with the Global Wetlands Project at Griffith Uni for 2.5 years. This is an amazing opportunity to work in an interdisciplinary team to tackle major issues in the conservation of coastal wetlands, including seagrass saltmarsh and mangroves, their dependent ecosystems and ecosystem services.

Other Notices

- The Journal of Hydrology has a special issue likely of interest to many members. The topic is "Monitoring and Modeling of Water Ecologic Security in Large River-Lake Systems", if you are interested in, please kindly check https://www.journals.elsevier.com/journal-of-hydrology/call-for-papers/monitoring-and-modeling-of-water-ecologic-security

3. Feature Sessions at MODSIM 2019

We have 98 sessions for the MODSIM 2019 conference and will highlight different sessions over the coming weeks. Click the hyperlinks below or see the full list at http://www.mssanz.org.au/modsim2019/streams.html.

A5. Industrial modelling and simulation	C5. Advances in computational biology and bioinformatics – neural networks, artificial intelligence and complex systems modelling approaches	D5. Machine-learning for environmental modelling
F1. Probabilistic forecasting of solar farm output	G1. Managing the Great Barrier Reef	G9. Informatics and machine learning for ecology and agriculture
H9. UNESCO initiatives for enhanced resilience and agenda 2030 Delivery	J2. Holistic modelling and optimisation for sustainable design	J6. Optimisation methods and applications to socio-environmental