Guidelines for Biennial Medallists and ECREs nominations 2023

MSSANZ Biennial Medal Award

*'exceptional research contributions to modelling and simulation, and for promoting
the aims of the Society'*

To assist in providing the evidence to support the two criteria that are required to be met for nomination for the Biennial Medal Award, a set of guidelines has been developed, as set out below. These guidelines have been expanded to recognise leading industry practitioners who are not within the traditional academic and research communities.

'Exceptional research contributions to modelling and simulation'

1. An exceptional and sustained research contribution to the advancement of modelling and simulation for the solution of scientific and technological problems as evidenced by global recognition and publication record. While the publication style and record will vary according to the nominee's substantive disciplines, it would be expected that nominees have, for example:
   a. published extensively in the most respected outlets for their disciplines
   b. a Web of Science Researcher ID h-index > 25 or Google Scholar Citations > 5000
2. An outstanding proven record as a key influencer and disciplinary leader in their industry.

'Promoting the aims of the Society'

3. Public profile as an advocate of the role and importance of modelling and simulation
4. Association with the Society – through attendance at two (2) or more of the past four (4) MODSIM congresses or as an active member of a Congress Committee. Virtual attendance at MODSIM2021 will be considered as attendance.

Early Career Research Excellence (ECRE) Award

'early career research excellence in modelling and simulation'

The guidelines for ECRE Prizes have been expanded to recognise that early career researchers can build an impressive profile without necessarily having completed a PhD. We define 'early career' as the first phase of a person's career when they have established credentials in their discipline and are on an upward trajectory but have yet to consolidate their standing. Guidelines for inclusion in the call for nominations, which are also the basis for guidance for the Awards Committee:

'Early career'

1. Where the nominee has a PhD, the time limit since obtaining the PhD is seven (7) years, which can be extended to ten (10) when parenting, illness, caring for family, etc. have been a key responsibility; or
2. Where the nominee has equivalent competencies to a PhD, the time limit is seven (7) years in the industry, which can be extended to ten (10) when parenting, illness, caring for family etc. have been a key responsibility.

'Excellence in modelling and simulation'

3. An impressive research contribution to the advancement of modelling and simulation as evidenced by publications and citations in the international literature. While the publication type and record will vary according to the nominee's substantive disciplines, it would be expected that nominees will meet the following minimums:
   a. Five (5) or more publications in Web of Science or Scopus indexed journals in the past three (3) years. For multi-authored publications, these publications should have evidence of significant intellectual contribution; and
   b. Web of Science Research ID or Scopus h-index > 5 or Google Scholar Citations > 100
4. An emerging profile in their industry or area of science.

Being a member of the Society

5. Attendance at two (2) or more of the past three (3) MODSIM congresses. Virtual attendance at MODSIM 2021 will be considered as attendance.