

IWA MEWE Early-Career Award

The IWA MEWE Early-Career Award recognizes accomplishments of early-career professionals in the field of Microbial Ecology & Water Engineering (MEWE), who are within 5 years after PhD/highest degree at the time of nomination, and who are active not only in the academic environment but also in the industry or (non-)governmental organisations, among other relevant sectors. The nominee must have made a notable scientific contribution in the field of MEWE. They must be passionate about pursuing a microbial ecology approach to help solve key local and/or global water issues. They should display leadership competences and potential to act as an early career ambassador for the MEWE Specialist Group and IWA, promoting the field of engineered microbial systems in the water cycle using emerging concepts in microbial ecology and water technologies.

Eligibility

The nominee is required to meet the following criteria:

- 1) Is within 5 years after their PhD or other highest awarded degree, excluding career breaks (to be identified in the CV).
- 2) Has made a notable scientific contribution in the field of MEWE including, e.g., an original idea, a new concept, the development of a novel method or technology, its implementation in regional/global contexts to solve water issues, or any other relevant contribution.
- 3) Has been an active IWA member by contributions to the IWA community through events (e.g., oral/poster presenter at conferences, session (co-)chair, organiser of webinars or workshops, volunteer), specialist groups, task groups, or any other relevant contribution.
- 4) Has the potential to engage their work with stakeholders beyond academia/research such as local communities, governmental agencies, NGOs, the water industry, among other relevant entities, for disseminating MEWE concepts.
- 5) Has a clear plan for the development of the field of MEWE over the next 5-10 years.

Nomination and Submission Information

Self-nomination is encouraged.

The nominee must provide:

- A short *curriculum vitae*, listing no more than 3 representative outputs (maximum 3 pages). The impact of each output for the MEWE field should be

explained in max. 3-5 lines per output. The evaluation adheres to the San Francisco Declaration on Research Assessment (DORA).

- A write-up about the nominee's most notable contribution and future ambitions in the field of MEWE (maximum 1 page).
- Two support letters, with at least one from a referee outside the home institution, and of which one must be an IWA member (maximum 1 page per letter).
- The contact information of a third independent referee (name, affiliation, email, and phone) who can testify on the impact of the nominee's contribution, and who can be contacted by the award committee.

The nomination should be submitted online **in one single pdf file** at <https://www.surveymonkey.com/r/MEWEEarlyCareer> by 11 Feb 2025. Incomplete nomination files and late nominations will not be considered.

For any question before the submission deadline, please contact Rachna.sarkari@iwaq.org

IWA MEWE Mid-Career Award

The IWA MEWE Mid-Career Award recognizes sustained accomplishments of a mid-career professional in the field of Microbial Ecology & Water Engineering (MEWE), who is within 15 years after PhD/highest degree at the time of nomination, and who are active not only in the academic environment but also in the industry or (non-)governmental organisations, among other relevant sectors. The nominee must show a track record of original, impactful and innovative scientific ideas that contribute to solve key local and/or global water issues via microbial ecology and water engineering. The nominee must have demonstrated leadership in the field of MEWE, as well as sustained support to the development of young professionals who will implement MEWE concepts in the future. Other desirable qualities include an active engagement with stakeholders beyond academia/research in their work, and key contributions to (inter)national water professional bodies.

Eligibility

The nominee is required to meet the following criteria:

- 1) Is within 15 years after PhD or other highest awarded degree, excluding career breaks (to be identified in the CV).
- 2) Has a track record of original, impactful, and innovative ideas in the field of MEWE.
- 3) Has been addressing key local and/or global water issues in their work.

- 4) Has been an active IWA member by sustained contributions to the IWA community through events and activities (e.g., chairperson/organiser of IWA conferences, management committee member of an IWA specialist group, member of an IWA task force, organiser of workshops or webinar series, volunteer), or any other relevant contribution.
- 5) Demonstrates notable leadership within the field of MEWE via an active role, e.g., in (inter)national professional bodies of the water sector, in widening the IWA-MEWE network by reaching out to other related societies or organisations, as well as in the training and mentoring of young professionals.
- 6) Demonstrates an active engagement with other stakeholders such as local communities, governmental agencies, NGOs, the industry, among other relevant entities, for disseminating MEWE concepts.

Nomination and Submission Information

- Self-nomination is encouraged.

The nominee must provide:

- A short *curriculum vitae*, listing up to 5 representative outputs (maximum 4 pages). The impact of each output for the MEWE field should be explained in max. 3-5 lines per output. The evaluation adheres to the San Francisco Declaration on Research Assessment (DORA).
- A write-up highlighting the nominee's accomplishments with regards to the above criteria and his/her future ambitions in the field of MEWE (maximum 2 pages).
- Two support letters from external referees consisting of one national/regional referee and one international referee, of which one must be IWA member (maximum 1 page per letter).
- The contact details of a third independent referee (name, affiliation, email, and phone) who can testify from the impact of the nominee's contribution, and who can be contacted by the award committee.

The nomination should be submitted online **in one single pdf file** at <https://www.surveymonkey.com/r/MEWEMidCareer> by 11 Feb 2025. Incomplete nomination files and late nominations will not be considered.

For any question before the submission deadline, please contact Rachna.sarkari@iwaq.org

IWA MEWE Ardern-Lockett Award

The Ardern-Lockett award recognizes outstanding contributions to research and practice in the field of Microbial Ecology and Water Engineering. The activated sludge process was invented in 1913-1914 by Mr. Edward Ardern, chemist at the Manchester-Davyhulme wastewater treatment plant, and his co-worker, Mr. William Lockett. Ardern and Lockett understood for the first time the active role of floc formation during the aeration of wastewater, known now as activated sludge. They introduced a recycle of this suspension formed during the aeration period and worked vigorously to scale up the observation. Ardern and Lockett worked under the guidance of Gilbert John Fowler. The group had strong links to the research centre in Lawrence Experiment Station at Massachusetts and though they studied isolates from the sludge, found the indigenous bacteria to be more effective. The award is named after Ardern and Lockett in recognition of the MEWE Specialist Group's strong link to the Activated Sludge process, and investigations into the microbial population dynamics of these systems but also in recognition of their exemplary ability to link discovery to application.

Eligibility

The nominee is required to meet the following criteria:

- 1) Has made outstanding long-term contribution to research and practice in the field of Microbial Ecology and Water Engineering.
- 2) Has demonstrated excellence in leadership and innovation and pursued excellence through their impactful contribution to the field of microbial ecology and water engineering.
- 3) Has demonstrated an active commitment towards the success of MEWE through tangible significant contribution beyond academia and research (e.g. innovative thinking and application of sustainable solutions for water engineering and practice, active engagement with stakeholders, knowledge transfer and outreach activities).
- 4) Has been at the forefront of efforts towards linking microbial ecology and water engineering, shaping the strategic direction of the field influencing both academia and industry practice.
- 5) Has been an active IWA member by sustained contributions to the IWA community through events and activities or any other relevant contribution.

Nomination and Submission Information

Self-nomination is encouraged.

The nominee must provide:

- A short curriculum vitae, listing up to 5 representative outputs (maximum 4 pages). The impact of each output for the MEWE field should be explained in max. 3-5 lines per output.
- A write-up highlighting the nominee's accomplishments with regards to the above criteria and his/her future ambitions in the field of MEWE (maximum 2 pages).
- Two support letters from external referees consisting of one national/regional referee and one international referee, of which one must be IWA member (maximum 1 page per letter).
- The contact details of a third independent referee (name, affiliation, email, and phone) who can testify from the impact of the nominee's contribution, and who can be contacted by the award committee.

The nomination should be submitted online **in one single pdf file** at <https://www.surveymonkey.com/r/MEWEArdernLockett> by 11 Feb 2025. Incomplete nomination files and late nominations will not be considered.

For any question before the submission deadline, please contact Rachna.sarkari@iwaq.org