

2022 Max Day Environmental Science Fellowship Awardees

- **Miss Bridget Campbell, Macquarie University:** *Warrakan ganma: Bridging Western and Indigenous science to safeguard biocultural diversity*
- **Dr Brock Bergseth, James Cook University:** *Bolstering conservation outcomes – understanding social and ecological effects of illegal fishing behavioural interventions*

Highly commended applications

- **Mr Timothy Ghaly, Macquarie University:** *Who lives inside fungi? Bacterial endosymbionts of plant-associated fungi*
- **Dr Stephanie Gardner, University of New South Wales:** *Quantifying the contribution of benthic invertebrates to global nitrous oxide production*
- **Dr Niloofar Karimian, Southern Cross University:** *Arsenic and antimony co-behaviour in soil under a changing climate: resolving unexplored interactions between microbiology, mineralogy and geochemistry*
- **Dr Alice Twomey, University of Queensland:** *Enhancing resilience of coasts: nature-based solutions for flood mitigation*

More information on the 2022 Max Day Environmental Science Fellowship Awardees can be [found here](#).

2021 Max Day Environmental Science Fellowship Awardees

- **Dr Laura Brannelly, University of Melbourne:** *Using genetic techniques to develop conservation strategies for an endangered frog species*
- **Ms Lea Hannah, Western Sydney University:** *Harnessing next generation DNA sequencing to explore whether honeybees providing crop pollination services benefit from floral resource plantings*

Highly commended applications

- **Dr Luke Jeffrey, Southern Cross University:** *Greenhouse gas guzzlers: Are methane consuming microbes active within the bark of endemic Australian wetland trees?*
- **Ms Maggie-Anne Harvey, University of Queensland:** *Developing low-impact selenium agromining using *Neptunia amplexicaulis**
- **Dr Stephanie Gardner, University of New South Wales:** *Deciphering the microbial signature of nitrous oxide producing ascidians*

Watch the 2021 [awardees video](#). More information on the 2021 Max Day Environmental Science Fellowship Awardees can be [found here](#).

2020 Max Day Environmental Science Fellowship Awardees

- **Dr Emma Camp, University of Technology Sydney:** *Elemental diagnostics of environmental change on the Great Barrier Reef*
- **Ms Allison Broad, University of Wollongong:** *Merchant shipping, anchor scour and seafloor biota: a large scale experimental examination of impacts*

Highly commended applications

- **Dr Catherine Price, University of Sydney:** *When it takes one bite: deceiving herbivores to protect rare and threatened orchids.*
- **Ms Emily Scicluna, La Trobe University:** *Using personality and cognitive assessment of individuals as a conservation tool for improving reintroduction/translocation success*
- **Ms Georgia Sinclair, RMIT University:** *Developing biomarkers of environmental exposure to poly- and perfluoroalkyl substances to improve environmental policy and health*

- **Dr Tatiana Soares da Costa, La Trobe University:** *Fighting herbicide resistance with vitamin deprivation.*

Watch the 2020 [awardees video](#). More information on the 2020 Max Day Environmental Science Fellowship Awardees can be [found here](#).

2019 Max Day Environmental Science Fellowship Awardees

- **Dr Tim Doherty, Deakin University:** *Ecological consequences of introduced predator removal for a native mesopredator and ecosystem engineer *Varanus gouldii**
- **Ms Nicole Foster, University of Adelaide:** *Prioritising for success: Innovative approaches to management of coastal environments*

Highly commended applications

- **Ms Anita Perkins, The Southern Cross University:** *Fungi as degraders of kelp detritus: unravelling the role of fungi in coastal carbon cycling and storage*
- **Dr José Lahoz-Monfort, The University of Melbourne:** *Acoustic monitoring: new technologies and analytical tools for large-scale monitoring of the threatened Sarus crane*
- **Dr Alexandra Carthey, Macquarie University:** *Microbially mediated olfactory communication in the Anthropocene: a key to the lockbox of problematic captive breeding for conservation?*

Watch the 2019 [awardees video](#). More information on the 2019 Max Day Environmental Science Fellowship Awardees can be [found here](#).

2018 Max Day Environmental Science Fellowship Awardees

- **Ms Melissa Houghton, University of Queensland:** *Invertebrate monitoring and community ecology as a measure of change in island ecosystems to inform conservation decision-making.*
- **Mrs Charlie Phelps, Edith Cowan University:** *Determining the cumulative effect of putative pathogenic microbes, increased temperature and herbivory on the ecologically important kelp, *Ecklonia radiata*.*

Highly commended applications

- **Dr Tatiana Soares Da Costa, La Trobe University:** *Development of New Herbicide Cocktails for Effective Weed Management*
- **Dr Emma Camp, University of Technology Sydney:** *Set-up for survival – the holobiont signature facilitating Australia’s coral communities in the face of climate change.*

Watch the awards videos about the research of [Ms Melissa Houghton](#) and [Mrs Charlie Phelps](#).

2017 Max Day Environmental Science Fellowship Awardees

- **Mr Nicholas Leseberg, University of Queensland:** *Ecology and conservation biology of the Night Parrot.*
- **Dr Marta Yebra, Australian National University:** *Flammability warning from space*

Highly commended applications

- **Dr Hugo Harrison, James Cook University:** *Connecting reefs in the Anthropocene: Managing Australia’s coral reefs for recovery and persistence.*
- **Dr Kerensa McElroy, CSIRO:** *The ‘DNA footprint’ of near extinction: interrogating 100 years of black-throated finch decline by sequencing contemporary and historical specimen.*

- **Mr Max Worthington, Flinders University:** *Renewable polymers for agriculture and the environment*

Watch the awards videos about the research of [Dr Marta Yebra](#) and [Dr Hugo Harrison](#)