

PROFESSOR EMMA JOHNSTON AO FAA FTSE

Doctor of Science, *honoris causa*

Professor Emma Johnston is the Deputy Vice-Chancellor Research at The University of Sydney. She joined Sydney from the University of New South Wales (UNSW) where she was the Dean of Science and the former Pro Vice-Chancellor Research. Professor Johnston completed a Bachelor of Science, with first class Honours, at The University of Melbourne in 1998 and went on to complete her PhD in Marine Ecology, also with The University of Melbourne, in 2002.

Professor Johnston is a highly awarded and world leading authority in marine science and conservation. She is the former President of Science & Technology Australia and while at UNSW was the Director of the Applied Marine and Estuarine Ecology Lab. She has led major projects for industry, government, the Australian Research Council, and the Australian Antarctic Science Program. Professor Johnston was also the inaugural Director of the Sydney Harbour Research Program at the Sydney Institute of Marine Science.

Professor Johnston is an elected fellow of the Australian Academy of Technology and Engineering (ATSE) and the Royal Society of New South Wales and was made an Officer of the Order of Australia (AO) in the 2018 Queen's Birthday honours for 'distinguished service to higher education, particularly to marine ecology and ecotoxicology, as an academic, researcher and administrator, and to scientific institutes.'

Professor Johnston has an exceptional research career. Among her significant research findings is the discovery that toxic contaminants facilitate the invasion of coastal waterways by pest-species. Some of her research topics include determining the major drivers of marine bio-invasions, the vulnerability of Antarctic marine communities, and developing new biomonitoring techniques and informing the development of effective management of biodiversity in Australian estuarine systems.

In December 2018 she was awarded the Clarke Medal by the Royal Society of New South Wales. In 2015 Professor Johnston won The Society for Environmental Toxicology and Chemistry AU Mid-Career Medal for excellence in scientific work in Australasia involving substantial environmental toxicology and chemistry.

Professor Johnston's research has led to her being a category winner in the 2012 NSW Science and Engineering Awards and in 2014 she won the inaugural Australian Academy of Science Nancy Millis Medal for Women in Science.

She was a 2007 winner of the Australian Institute of Policy and Science's Tall Poppy Award for her research into the effects of introduced species and contaminants on existing Australian marine species.

Professor Johnston has published widely, including many book chapters and over 180 peer reviewed journal articles. The impact of her work is immense and continues to escalate.