



Join us for a morning of science, presentations and debate:
**Australia at the Bulls-Eye:
Global Food and Water**

Murdoch University is delighted to be hosting presentations from:



Sue Murphy
CEO,
Water Corporation



Professor Wendell Ela
Murdoch University
Chief Scientific Officer
National Centre of Excellence in
Desalination Australia

In this lecture Sue Murphy will discuss how using innovative technology such as Australia's first full-scale Groundwater Replenishment Scheme will address the future water supply to one of the driest corners of the Earth and expects to achieve this remarkable goal by 2022.

Professor Wendell Ela will speak about the global food crisis which will put additional stress on Australia's water. The magnitude of this problem and some possible solutions are waiting to be discovered by the next generation. This challenge positions Australia to become a predominant global leader in the next century.

Following these insightful and thought provoking presentations, the audience will be invited to ask questions of our guest presenters through an exciting and interactive Q&A Panel.

Date: Wednesday 8 June 2016

Time: 9.30am – 11.30am

Presentations

Kim Beazley Lecture Theatre

Murdoch University

90 South Street, Murdoch

Refreshments provided.



Murdoch
UNIVERSITY

For more information and to register please contact:

Emma Tristham - Academic Support Officer

Email: e.tristham@murdoch.edu.au

Web: www.murdoch.edu.au

RSVP essential by COB Friday 3 June 2016



About Sue Murphy



Sue graduated as a Civil Engineer from the University of Western Australia in 1979. After winning a Clough Scholarship as an undergraduate, she joined Clough Engineering in 1980 commencing what would be a 25 year career in that organisation. Twelve years in the field as a site engineer and project manager led to corporate roles with a focus on human resources, safety and engineering design management and her appointment in 1998 as the first woman on the board of Clough Engineering Ltd.

In 2008, Sue was appointed Chief Executive Officer of the Water Corporation.

In 2009, Sue was elected to be a Fellow of the Australian Academy for Technological Sciences and Engineering.

Sue is a member of the University of Western Australia Senate, Board Member of the UWA Business School and the Water Services Association of Australia (WSAA). Sue is also Chairman of the Navy Clearance Diver Trust.

In each year from 2009-2015, Sue was listed in the top 100 most influential engineers in Australia by Engineers Australia.

In 2013, Sue was honoured with the prestigious Sir John Holland Civil Engineer of the Year Award by the Board of the College of Civil Engineers of Engineers Australia. Sue was also elected as an Honorary Fellow of the Institution of Engineers Australia.

In 2014, Sue was presented with the IWA's "International" Women in Water Award.

About Professor Wendell Ela



Professor Wendell Ela is the inaugural Professor of Desalination and Water Treatment at Murdoch University, and Chief Scientific Officer of National Centre of Excellence in Desalination Australia.

His teaching, research, and consulting focuses on water and wastewater treatment processes including: Desalination technology development and implementation; natural and engineering systems; decentralised and off-grid water treatment systems and integrated water/renewable energy solutions for rural communities and agriculture.

Professor Ela is co-author of one of the most widely used textbooks in environmental engineering: Introduction to Environmental Engineering and Science. His career includes; assessment and construction of water projects in developing nations such as: Mexico, Ghana, Bolivia, and Zimbabwe.

After earning his doctorate from Stanford University in 1998, he was on the Chemical and Environmental Engineering faculty at The University of Arizona prior to coming to Australia.

