



AN IMPROVED APPROACH TO SOLVING COMPLEX PROBLEMS

SMART SEMINAR SERIES

PRESENTED BY: Professor Graham Harris
Honorary Professorial Fellow
SMART Infrastructure Facility
University of Wollongong

DATE & TIME: 10.30am, Wednesday, 25th November 2015

LOCATION: SMART Infrastructure Facility, Building 6, Room 210

RSVP: 24th November 2015 to smart-facility@uow.edu.au

UNSIMPLE TRUTHS: A VERY ABBREVIATED AND HIGHLY OPINIONATED ACCOUNT OF WHY SCIENCE AND ENGINEERING (AS USUALLY PRACTICED) DO NOT COPE WELL WITH THE COMPLEXITY OF ENVIRONMENTAL AND INFRASTRUCTURE SYSTEMS – WHAT WE NEED TO CHANGE AND WHY

This seminar will explore how new approaches to science and engineering research could help to improve research outcomes. With a focus on complex systems, the discussion will examine how philosophy, methodology and ethics can be applied more appropriately when dealing with living things.

GRAHAM HARRIS

Graham has worked in and around the interface between research, management and policy for more than 40 years. He specialises in trying to understand and manage the complex interactions between the environment and society; with a particular focus on water and natural resource management.

He taught at McMaster University in Canada for 15 years where he worked on the ecology and management of the Laurentian Great Lakes. He moved to Australia in 1984 and worked for CSIRO for over 20 years where he held many senior research management and executive appointments. Until June 2011, Graham was Foundation Director of the expanded Lancaster Environment Centre at Lancaster University, UK – one of the largest environmental research centres in Europe.

IMAGE: 'Butterfly' by Colan Gallagher Bank available at <https://goo.gl/xrdB5H> under a Creative Commons Attribution 2.0 Generic license.

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