

PROGRAMME NATURAL ENVIRONMENT

FRIDAY 9 OCTOBER 2015

07:30	Conference registration
08:30	Plenary session or selected tours departing at 08:00
09:30	Tea break
09:45	Natural environment I Session chair: Dr Neville Sweijd, Acting Director and Operations Manager, ACCESS
09:45	Keynote address: Adapting to climate change and variability: Trends, transitions and transformations Prof. Coleen Vogel, School of Geography, Archaeology and Environmental Studies, University of the Witwatersrand
10:15	More crop per drop: Improving our knowledge on crop water requirements for irrigation scheduling Dr Mark Gush, CSIR
10:40	The first African-based Earth system model Prof. Francois Engelbrecht, CSIR
11:05	Coastal vulnerability in South Africa Dr Christo Rautenbach, CSIR
11:30	Discussion, questions and answers
11:45	Tea break
12:00	Natural environment II Session chair: Dr Harrison Pienaar, CSIR competence area manager: Water Resources
12:00	Keynote address: Exploring missing links between nature and economy through sustainable development goals Dr Pushpam Kumar, Chief, Ecosystems Services, Division of Environment Programme Implementation, United Nations Environment Programme
12:25	Two decades of fighting aliens: Exploring Working for Water successes Dr Phumza Ntshotsho, CSIR
12:50	Ocean robotics: a sustainable mechanism towards marine resource management in the 21st century Dr Seb Swart, CSIR
13:15	Finding value in waste: CSIR-generated empirical data supports a secondary resources economy in South Africa Prof. Linda Godfrey, CSIR
13:40	Discussion, questions and answers
14:00	Lunch