

State of the World's Plants symposium programme

Wednesday 11 May 2016

09:00-10:00	Registration & refreshments
-------------	-----------------------------

Welcome and opening

10:00-10:15	Lord Gardiner of Kimble, Lords Spokesman for the Department for Environment, Food and Rural Affairs
10:15-10:30	Professor Kathy Willis, Director of Science, RBG Kew

Session 1: Climate Change – What will be the current and future impacts of climate change on globally important plant populations?

Chair: Dr Aaron Davis, RBG, Kew

10:40-11:00	Dr Kay Havens, Chicago Botanic Garden, USA <i>Plant responses to climate change: phenology, adaptation, migration</i>	View presentation >>
11:00-11:20	Dr Alistair Seddon, University of Bergen, Norway <i>Sensitivity of global terrestrial ecosystems to climate variability</i>	View presentation >>
11:20-11:40	Prof. Sandra Diaz, Universidad Nacional de Córdoba, Argentina <i>A global picture of essential form and function of vascular plants</i>	View presentation >>
11:40-12:00	Prof. Yadvinder Malhi, University of Oxford, UK <i>Climate change and tropical forests: what we know and need to know</i>	View presentation >>
12:00-12:20	Q&A panel discussion	
12:20-13:30	Lunch	

Session 2: Protected Areas – Where are the most important areas to protect because of the plants they contain and how do we dete

Chair: Dr Eimear Nic Lughadha, RBG, Kew

13:30-13:50	Dr Iain Darbyshire, RBG Kew <i>Targeting plant conservation priorities in the tropics: the Tropical Important Plant Areas programme</i>	View presentation >>
13:50-14:10	Ms. Lize von Staden, South African National Biodiversity Institute (SANBI) <i>Where to protect plants: a perspective from a megadiverse country</i>	View presentation >>
14:10-14:30	Prof. William F. Laurance, James Cook University, Australia <i>How can we make nature reserves better arcs for conserving plant diversity?</i>	View presentation >>
14:30-14:50	Mr Diego Juffe-Bignoli, United Nations Environment Programme (UNEP) World Conservation Monitoring Centre, UK <i>Meeting international biodiversity targets for plants and protected areas</i>	View presentation >>
14:50-15:10	Q&A panel discussion	
15:10-15:30	Refreshment break	

Session 3: Extinction Risk – Which plants are most at risk of extinction and why?

Chair: Dr Felix Forest, RBG, Kew

15:30–15:50	Prof. Quentin Cronk, University of British Columbia, Canada and RBG Kew <i>The living dead: plant extinction and evolutionary potential</i>	View presentation >>
15:50–16:10	Prof. David Richardson, Stellenbosch University, South Africa <i>Alien plant invasions and native plant extinction</i>	View presentation >>
16:10–16:30	Mr Steve Bachman, RBG Kew <i>State of knowledge on global extinction risk of plants</i>	View presentation >>
16:30–16:50	Prof. Vololoniaina Jeannoda, University of Antananarivo, Madagascar <i>Plants at risk of extinction: the case of Madagascar wild yams</i>	View presentation >>
16:50–17:10	Q&A panel discussion	
17:10–17:55	One-minute poster presentations	
17:55–18:00	Camilla Nordheim-Larsen, Global Mechanism of the United Nations Convention to Combat Desertification <i>The Great Green Wall Initiative</i>	
18:00–19:20	Drinks reception & poster session	
19:30	Conference dinner	

Thursday 12 May

Session 4: Useful Plants – What and where are the world's most useful plants? What will be the most useful plants of the future?

Chair: Dr Tiziana Ulian, RBG, Kew

09:00–09:20	Ms. Ann Tutwiler, Bioversity International <i>On not finding the world's next superfood</i>	View presentation >>
09:20–09:40	Ms. Nora P. Castañeda Álvarez, CIAT, Colombia and University of Birmingham, UK <i>Crop wild relatives: vital for agriculture but poorly represented in seedbanks</i>	View presentation >>
09:40–10:00	Dr Claude Fauquet, Global Cassava Partnership for the 21st Century (GCP21) <i>Cassava, the crop of the 21st century</i>	View presentation >>
10:00–10:20	Dr Olwen Grace, RBG Kew <i>Evolutionary insights into the global succulent flora as resource for the future</i>	View presentation >>
10:20–10:30	Q&A panel discussion	
10:30–10:50	Refreshment break	

Session 5: Plant Health – What are the biggest emerging global threats to plant health?

Chair: Dr Paul Wilkin, RBG, Kew

10:50–11:10	Prof. Adam Kleczkowski, University of Stirling, UK <i>Where's my coffee? Plant diseases - origins, impact and control strategies</i>	View presentation >>
11:10–11:30	Prof. Gary Foster, University of Bristol, UK <i>Plant pathogens: threatened in the past, still threatening today, even more of a threat in the future?</i>	Presentation not available
11:30–11:50	Prof. Sarah Gurr, University of Exeter, UK <i>The global movement of plant pests and pathogens: implications for food security</i>	Presentation not available
11:50–12:10	Mr Tony Kirkham, RBG Kew <i>The threats to our trees in cultivation</i>	View presentation >>
12:10–12:30	Q&A panel discussion	
12:30–13:40	Lunch	

Session 6: Invasive Plants – Are current policies and knowledge fit for purpose in combatting globally invasive plant species?

Chair: Dr Noeleen Smyth, RBG, Kew

13:40–14:00	Dr Montserrat Vilà, Estación Biológica de Doñana (EBD-CSIC), Spain <i>Impacts and risks of invasive plants</i>	View presentation >>
14:00–14:20	Prof. Philip Hulme, Lincoln University, New Zealand <i>Ornamental or detrimental: can we benefit from horticulture without the cost of invasive garden escapes?</i>	View presentation >>
14:20–14:40	Prof. Yvonne Buckley, Trinity College Dublin, Ireland <i>Plant invasions now and in the future: challenges for science and society</i>	View presentation >>
14:40–15:00	Dr. Gerda A. van Uffelen, Hortus botanicus Leiden, Netherlands <i>How to deal with unwelcome plant guests in Europe?</i>	View presentation >>
15:00–15:20	Q&A panel discussion	
15:20–15:25	Poster competition awards and closing remarks – Professor Kathy Willis, Director of Science, RBG Kew	
15:25–17:00	Refreshments followed by optional tours	
17:00	End of symposium	