



One Health EcoHealth 2016

4-7 December 2016 • Melbourne Convention & Exhibition Centre

The 4th International One Health Congress & 6th Biennial Congress
of the International Association for Ecology and Health

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Preliminary Congress Program

SATURDAY 3 DECEMBER 2016
REGISTRATION & OPENING CEREMONY

1430 - 1800	REGISTRATION OPEN
1800 - 2030	Opening Ceremony & Welcome to Country Plenary Session <i>Speakers to be announced soon</i>
	Keynote Presentation Dr Bruce Aylward (WHO Geneva)



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Preliminary Congress Program

SUNDAY 4 DECEMBER 2016

Creating a Healthier World

0700 - 1830	REGISTRATION OPEN
0800 - 0830	SPECIAL PRESENTATION <i>Creating a Healthier World</i>
	Chairperson: Prof Peter Doherty
	<i>Speaker to be announced soon</i>
0835 - 1015	PLENARY SESSION 1 <i>Creating a Healthier World</i>
	Chairpersons: Prof Martyn Jeggo (Deakin University) & Prof Kerry Arabena (Melbourne University)
	<i>The value of the One Health approach: Shifting from emergency response to prevention of zoonotic disease threats at their source</i> Prof David Heymann (Chatham House)
	<i>Transforming our Socio-Political Ecology: Implications for Ecosystem Health and Sustainability</i> Prof Ted Alter (Penn State)
	<i>Predicting risks to a healthy world - What can we learn from Ebola, MERS and other emerging disease?</i> Prof Albert Osterhaus (Hannover)
	<i>Antimicrobial resistance: A global problem needing a One Health approach</i> Prof Peter Collignon (Australian National University)
1015 - 1040	MORNING TEA, EXHIBITION & POSTER VIEWING
	PLENARY SESSION 2 <i>Pathways to a sustainable world - Animal, human and environmental health</i>
	Chairpersons: Prof Jakob Zinsstag (Swiss Tropical & Public Health Institute) & Prof Soren Alexandersen (Deakin University)

1045 - 1225	<p style="text-align: center;"><i>Marine ecology and sustainability</i> Prof Ove Hoegh-Guldberg (University of Queensland)</p> <p style="text-align: center;"><i>Impacts and adaptation to climate change</i> Prof Kristie Ebi (University of Washington)</p> <p style="text-align: center;"><i>The value of indigenous health and ecological knowledge as a pathway to a sustainable world</i> Prof Kerry Arabena (University of Melbourne)</p> <p style="text-align: center;"><i>Melting permafrost and the impact on global health and greenhouse gas emissions</i> Prof Gene Tyson (University of Queensland)</p>					
1225 - 1400	LUNCH, EXHIBITION & POSTER VIEWING					
Room	Symposia			Concurrent Sessions		
	Symposium 1 Improving the social agenda of health and well being	Symposium 2 Challenges to human and animal health	Symposium 3 Non-communicable diseases and the energy-rich food system: Fat people, food animals and companion animals	W1 Communication technologies in public health emergencies	W2 Air Pollution and Public Health	W3 Ocean Health and Food Security
Chairperson/s	Prof Helen Ross (University of Queensland) and Prof Mark Rweyemamu (Southern Africa Centre for Infectious Diseases)	Dr Eugene Athan (Barwon Health) and Dr Sam Gibbs (US Fish and Wildlife Service)	Chairpersons to be announced soon	Prof Theresa Bernado (University of Guelph)	Prof Ruth Garside (Exeter University)	Prof Linda Blackall (Swinburne University)
1400 - 1545	<p><i>Gender equity: New approaches to the management of communicable diseases</i> Prof Barbara McPake (Nossal Institute)</p> <p><i>Cultural issues in land care, sustainable agriculture and food security</i> Dr Anne Poelina (Madjulla Inc)</p> <p><i>Systems thinking to improve understanding of, and responses to, emerging health challenges</i> Prof Anthony Capon (United Nations University)</p> <p><i>Building a collaborative approach for biosecurity management</i> Dr Chris Robinson (CSIRO)</p>	<p><i>Climate change and effects on human and animal diseases</i> Prof Jonathan Patz (University of Wisconsin)</p> <p><i>Control and eradication of diseases - Smallpox, rinderpest, polio - Where next?</i> Dr Nick Juleff (Gates Foundation)</p> <p><i>Pandemic predictions - Can influenza pandemics ever be predicted?</i> Prof Malik Peiris (University of Hong Kong)</p> <p><i>More speakers to be announced soon</i></p>	<p><i>NCD's and fat cats and dogs</i> Prof David Raubenheimer (University of Sydney)</p> <p><i>More speakers to be announced soon</i></p>	<i>Submitted Abstracts</i>	<i>Submitted Abstracts</i>	<i>Submitted Abstracts</i>
1545 - 1610	AFTERNOON TEA, EXHIBITION & POSTER VIEWING					

Session Title	Symposia			Concurrent Sessions		
	Symposium 4 Future Health	Symposium 5 Education into Action: Building One Health Capacity in Asia	Symposium 6 Novel Emergent Zoonoses	W4 Social and environmental issues in food security	W5 Wild foods, biodiversity and sustainable human food and nutrition security	W6 Food safety challenges and international trade
Chairperson/s	Dr Christine Machalaba (EcoHealth Alliance)	Dr Joanna McKenzie (Massey University)	Dr Soren Alexandersen (Deakin University)	Aurelie Binot (CIRAD, France)	Prof Richard Kock (Royal Veterinary College)	Dr Charles Milne (Chief Veterinary Officer)
1615- 1800	<i>Submitted Abstracts</i>	<i>Submitted Abstracts</i>	<i>Submitted Abstracts</i>	<i>Submitted Abstracts</i>	<i>Submitted Abstracts</i>	<i>Submitted Abstracts</i>
1730 - 1900	Congress Welcome Reception					



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MONDAY 5 DECEMBER 2016

Food, land and water systems: Future challenges and pathways

0700 - 1800	REGISTRATION OPEN
0800 - 0830	SPECIAL PRESENTATION <i>Food and Nutrition Systems - Feeding Our World Safely and Sustainably</i>
	Chairperson: Jonathan Patz (University of Wisconsin) <i>Water in health and disease - It's importance as a sustainable Commodity</i> Prof Rita Colwell (University of Maryland)
0840 - 1020	PLENARY SESSION 3 <i>Food and Nutrition Systems - Feeding Our World Safely and Sustainably</i>
	Chairpersons: Prof Mark Stevenson (University of Melbourne) & A/Prof Robyn Alders (University of Sydney)
	 <i>Sustainable livestock production in a changing world</i> Dr Mario Herrero (CSIRO) <i>Food and water security and environmental sustainability</i> Dr Dominique Charon (International Development Research Center) <i>Global food systems - Mapping food resources and supply trends</i> Dr Andrew Huff (Ecohealth Alliance)
1020 - 1050	MORNING TEA, EXHIBITION & POSTER VIEWING

	PLENARY SESSION 4 Keeping Food and Water Safe						
	Prof Maxine Whittaker (University of Queensland) and Prof Margot Parkes (University of Northern British Columbia)						
1050 - 1230	<p><i>Estimating the burden of food-borne disease</i> Prof Jorgen Schlundt (Nanyang Technical University)</p> <p><i>The use of risk assessment for food safety management</i> Dr Hung Nguyen (International Livestock Research Institute)</p> <p><i>One Health and controlling food-borne infections</i> Prof Nigel French (Massey University)</p>						
1230 - 1400	LUNCH, EXHIBITION & POSTER VIEWING						
Session Title	Symposia		Concurrent Sessions				
	Symposium 7 PREDICT: A program seeking novel diseases	Symposium 8A Strengthening Biosecurity Systems	W7 Social and cultural determinants of health	W8 Antibiotic resistance - A Global View	W9 Climate Change and Health	W10 Impact of livestock diseases on household economy and food security	
Chairperson/s	Prof Joanna Mazet (University of California Davis)	Dr Bruce Christie, Dr Lisa Adams, Dr Mike Nunn & Dr Hugh Millar	A/Prof Maya Gislason (Simon Fraser University)	Awa Aidara-Kane (World Health Organisation)	Prof Linda Selvey (Curtain University)	Dr Guy Palmer (Washington State University)	
1400 - 1545	<i>Speakers to be announced soon</i>	<i>Speakers to be announced soon</i>	<i>Submitted Abstracts</i>	<i>Submitted Abstracts</i>	<i>Submitted Abstracts</i>	<i>Submitted Abstracts</i>	
1545 - 1615	AFTERNOON TEA, EXHIBITION & POSTER VIEWING						
Session Title	Symposia		Concurrent Sessions				
	Symposium 9 One Health in Action: What's Working and Why?	Symposium 8B Strengthening Biosecurity Systems	W11 Fresh water scarcity in a changing climate	W12 Antibiotic resistance - An emerging disease problem?	W13 Increasing the impact of One Health and EcoHealth	W14 Exotic animal trade and disease spread	W15 The social and ecological determinants of health
Chairperson/s	Dr Jerry Martin (DIA for USAid)	Dr Bruce Christie, Dr Lisa Adams, Dr Mike Nunn & Dr Hugh Millar	Prof Pierre Horwitz (Edith Cowan University)	Dr Laura Kahn (Princeton University)	Dr Jonathan Kingsley (University of Melbourne)	Dr Lisa Conti (Florida Department of Agriculture)	Helen Ross (University of Queensland)
1615- 1800	<i>Speakers to be announced soon</i>	<i>Speakers to be announced soon</i>	<i>Submitted Abstracts</i>	<i>Submitted Abstracts</i>	<i>Submitted Abstracts</i>	<i>Submitted Abstracts</i>	<i>Submitted Abstracts</i>



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TUESDAY 6 DECEMBER 2016

Responding to emerging diseases and invasive species

0700 - 1730	REGISTRATION OPEN
0800 - 0830	SPECIAL PRESENTATION <i>Responding to emerging diseases and invasive species</i>
	Chairperson: Prof Linfa Wang (Duke University & National University of Singapore)
	<i>Planning for the future: To improving the detection and response to Zoonotic disease emergence</i> Dr Dennis Carroll (USAID)
0835 - 1015	PLENARY SESSION 5 <i>Mechanisms and concepts in disease emergence</i>
	Chairpersons: Prof John Mackenzie (Curtin University) & Prof David Heymann (Chatham House, London)
	<i>Interspecies transmission as a factor in disease ecology and emergence</i> Prof George Gao (China Center for Disease Control)
	<i>Novel agents: Friends or foe - How can we predict?</i> Prof Edward Holmes (University of Sydney)
	<i>How ecology and human behaviour drive emerging diseases - Seeking solutions</i> Dr Peter Daszak (Ecohealth Alliance)
	<i>Dynamics, impacts and implications of infections in natural ecosystems</i> Prof Sarah Cleaveland (University of Glasgow)
1015 - 1045	MORNING TEA, EXHIBITION & POSTER VIEWING

1045 - 1250	PLENARY SESSION 6 <i>Pathways for responding to emerging diseases and invasive species</i>
	Chairpersons: Prof Brendan Crabb (Burnet Institute) & Prof Tania Sorrell (Marie Bashir Institute)
1250 - 1400	LUNCH, EXHIBITION & POSTER VIEWING

Population ecologies of infectious diseases in differing ecosystems
Prof Andy Dobson (Princeton University)

Ecology and management of emergent diseases
Prof Linfa Wang (Duke University & National University of Singapore)

New tools to improve zoonotic disease surveillance
Prof Lone Simonsen (George Washington University)

Responding to invasive species
Dr Dean Paine (CSIRO)

Mechanisms of virus maintenance in reservoir hosts - A global view
Prof Christian Drosten (University of Bonn)

Session Title	Symposia		Concurrent Sessions			
	Symposium 10 GOARN - Responding to outbreaks, WHO, FAO, OIE	W16 Ecosystem Sustainability and Health	W17 Transboundary Diseases	W18 Disease control and eradication programmes	W19 How social science contributes to disease and invasive species management	W20 Zoonoses as a public health issue
Chairperson/s	Mr Pat Drury (World Health Organisation)	Prof David Waltner-Toews (University of Guelph)	Prof Mark Stevenson (University of Melbourne)	Chairperson to be announced soon	Dr Lisa Adams	Dr Jon Epstein (EcoHealth Alliance)
1400 - 1545	<i>Speakers to be announced soon</i>	<i>Speakers to be announced soon</i>	<i>Submitted Abstracts</i>	<i>Submitted Abstracts</i>	<i>Submitted Abstracts</i>	<i>Submitted Abstracts</i>
1545 - 1615	AFTERNOON TEA IN EXHIBITION Foyer 1 & 2 - Level 1					
Session Title	Symposia		Concurrent Sessions			
	Symposium 11	W21 Environmental factors in vector-borne diseases	W22 Extraction industries and health - A One Health perspective	W23 Food sustainability in the developing world	W24 Wildlife reservoirs of Zoonotic diseases	W25 Food borne diseases as a One Health problem
Chairperson/s	Juan Lubroth (FAO)	Dr Amadou Sall	Francesca Vilianni (International SOS)	Dr Mike Nunn	Dr Pierre Formentry (World Health Organisation)	Dr John Allen (CSIRO)
1615- 1800	<i>Speakers to be announced soon</i>	<i>Submitted Abstracts</i>	<i>Submitted Abstracts</i>	<i>Submitted Abstracts</i>	<i>Submitted Abstracts</i>	<i>Submitted Abstracts</i>
1900 - 2300	Congress Dinner					



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WEDNESDAY 7 DECEMBER 2016

Integrating science, policy and action

0700 - 1700	REGISTRATION OPEN
0800 - 0830	SPECIAL PRESENTATION <i>Integrating science, policy and action</i>
	Chairperson: Albert Osterhaus (Hannover University)
	<p style="text-align: center;"><i>How to structure our global political approach to One Health</i> Dr Billy Karesh (EcoHealth Alliance)</p>
0835 - 1015	PLENARY SESSION 7 <i>The impact and benefit of One Health and EcoHealth approaches</i>
	Chairpersons: Dr Chris Baggoley (Australian Chief Health Officer) & Dr Mark Schipp (Australian Chief Veterinary Officer)
	<p style="text-align: center;"><i>The benefit of a One Health EcoHealth approach to managing antimicrobial resistance</i> Delia Grace (ILRI)</p> <p style="text-align: center;"><i>Establishing One Health activities in Africa - Economic, social and scientific benefits</i> Dr Kariuki Njenga (Kenya Medical Research)</p> <p style="text-align: center;"><i>Biodiversity, ecosystems and human health - How One Health and EcoHealth can contribute</i> Dr Cristina Romanelli (Convention on Biological Diversity)</p> <p style="text-align: center;"><i>The economic impact of a One Health approach</i> Prof Jonathan Rushton</p>
1030 - 1100	MORNING TEA, EXHIBITION & POSTER VIEWING
	PLENARY SESSION 8A <i>Sponsored by One Health Platform</i> Science into Policy

Chairperson to be announced soon

*Science and Policy: **The Hon Dr Ilenia Capua (Member, Italian Parliament)***

Political Perspective: Speaker to be announced soon

Science Perspective: Speaker to be announced soon

Industry Perspective: Speaker to be announced soon

The Importance of Cultural Values: Speaker to be announced soon

The Research Funders Perspective: Speaker to be announced soon

Government Perspective; Health: Speaker to be announced soon

Government Perspective; Agriculture: Speaker to be announced soon

Civil Society Perspective: Speaker to be announced soon

NGO's Perspective: Speaker to be announced soon

International Organisation Perspective (UN/FAO/OIE/WHO): Speaker to be announced soon

1100 - 1300

1300 - 1400	LUNCH, EXHIBITION & POSTER VIEWING
1400 - 1600	PLENARY SESSION 8B Sponsored by One Health Platform <i>An open moderated discussion around science into policy and action</i>
	Chairpersons to be announced soon
	Panel Members to be announced soon
1600 - 1630	PLENARY SESSION 9 Concluding Remarks
	Chairpersons to be announced soon
	<i>Concluding Remarks</i> Prof Peter Doherty & Prof Rita Colwell
1630 - 1700	Closing Ceremony Speaker to be announced soon