

GALVANISING URGENT COLLECTIVE EFFORT  
TOWARDS A 2<sup>ND</sup> ENLIGHTENMENT

2018

# PLANETARY HEALTH

ANNUAL MEETING

29 MAY – 1 JUNE 2018, EDINBURGH  
MCEWAN HALL, UNIVERSITY OF EDINBURGH

**Bringing together communities around the world to stimulate interdisciplinary collaboration towards ground-breaking solutions to major planetary health challenges.**

Our objective is to highlight the impacts of human activity on our global environment and on wellbeing and **to drive effective responses to planetary health issues.**

**We invite anyone who is concerned and wants to be actively involved in safeguarding our planet and health for future generations:** researchers, scientists, practitioners, policy makers, artists, planners, educators, students and local communities.

**By gathering a diverse group of passionate people together to share ideas and perspectives, we can advance planetary health solutions.**

REGISTER TODAY

For more information  
and to book, visit:  
[planetaryhealthannualmeeting.org](http://planetaryhealthannualmeeting.org)

PLENARY SESSIONS  
29 – 31 May 2018

Sharing knowledge.  
Voicing our visions.  
Building links and commitment  
to work more effectively  
together across all disciplines.

'LIVING LABS'  
31 May – 1 June

Action planning together to  
find solutions that address  
planetary health challenges.

WE LIVE  
UNDER THE SAME SKY  
Let's connect, create  
and collaborate

Hosted by  THE UNIVERSITY of EDINBURGH  
Global Health Academy

Co-organised by



## PLANETARY HEALTH

Planetary health is focused on characterising the linkages between human-caused disruptions of earth's natural systems and the resulting impacts on wellbeing.

**“Everything is connected. What we do to the world comes back to affect us, and not always in ways that we would expect. Understanding and acting upon these challenges calls for massive collaboration across disciplinary and national boundaries to safeguard our health.”**

– Planetary Health Alliance

Human health is intimately connected with the health of the natural world. The way our ecological footprint is altering our climate, the land that sustains our food, the air we breathe, our oceans and forests, and the ecosystems they maintain is the primary focus of this meeting.

## INTERDISCIPLINARY APPROACH

We are bringing together scientists, artists, practitioners, businesses, philosophers, planners, educators, students, faith leaders, moralists and the media for a solution-focused discussion.

## TOWARDS A SECOND ENLIGHTENMENT

In Edinburgh, the city and the University of the first Enlightenment, we will explore what is needed for a paradigm shift towards actions that will build a more caring, interconnected world.

## UNDERSTANDING AND ACTION ACHIEVING WELLBEING FOR ALL

**Whether in Edinburgh or in our satellite programmes we hope that these core principles will underpin our thinking of planetary health:**

- The belief that compassion, human rights, equality and justice are central to our pursuit of the health of the planet
- The celebration of, and value placed upon, diversity of opinion
- The commitment to translating original thinking into action in all our work
- The creation of new opportunities for collaboration and connectivity
- The recognition that that our work, individually and collectively, contributes to a growing global movement where we can be catalysts for accelerating change.

This event is building on the successful inaugural Planetary Health Meeting held in Boston, 2017.


### *Organising Partners*

- Planetary Health Alliance
- University of Edinburgh
- American Geophysical Union
- Wellcome Trust
- Lancet Planetary Health
- International Development Research Centre
- Future Earth

### *Support and Funding*

In addition to the collaborative efforts of our organising partners, the meeting is supported by the Rockefeller Foundation through a grant to the Planetary Health Alliance. We also thank the Wellcome Trust for their generous support of travel scholarships and of the Living Lab sessions.





## 2018 PLANETARY HEALTH MEETING OUTLINE PROGRAMME, ACTIVITIES AND EVENTS

The programme focuses on the **major threats to planetary health in the next 15 years and the ways in which** our collective knowledge, the resources and resilience we have in our cultures, our faith and beliefs, our traditions, communities, the arts and the political will for change **can bring essential change.**

We will look in particular at:

- Who are the most vulnerable and through which pathways do they become most vulnerable?
- What do we need to do now to adapt to imminent, unavoidable major threats, and what are the interventions that could help avert/dilute future threats?
- What are the current and anticipated barriers to implementing these interventions and how can these barriers be overcome?

The 2018 Planetary Health Annual Meeting will consist of **keynotes** and nine plenary **sessions** (see below) including **Q&A and discussion**. **Living Lab sessions** take place on the evening of 31 May and during the day on Friday 1 June 2018 – with the option to sign up to a morning and afternoon session. Delegates are invited to two **evening receptions** and a range of **other activities** to connect, create and collaborate.

### PLENARY SESSIONS

DAY ONE – THREE, 29-31 MAY 2018

#### DAY ONE - TUESDAY, 29 MAY 2018

##### WELCOME AND OPENING KEYNOTES

The University of Edinburgh, Planetary Health Alliance, the Wellcome Trust and Members of Scotland's Children's Parliament.

**Opening Keynote Addresses** from **Ernesto Zedillo** (*Rockefeller Economic Council*) **Elder Francois Paulette** (*Institute for Circumpolar Health Research*) and **Hannah Ritchie** (*Our World in Data*).

A conversation on our common goal through the lenses of Planetary Health, Ecohealth, One Health, Urban Health, Climate change, Food Security, SDGs  
*With Andy Haines, Kerry Arabena, Anna Meredith and others*

##### SESSION I: Food and Nutrition - Impacts of Environmental Change

Session explores sustainable food systems, the green revolution, the impact of alternative foods and waste reduction measures

*With Brent Loken (EAT Stockholm), Pauline Scheelbeek (London School of Hygiene and Tropical Medicine), Marco Springmann (Oxford Martin School) and Komal Ahmed (Founder and CEO of Copia)*

##### SESSION II: Blue Planetary Health

This session will focus on the health of water, oceans, rivers and seas, the ways in which marine environments affect human health both positively and negatively, and the effects of climate, industry and environmental degradation on our blue planet.

*With Lora Fleming (European Centre for Environment and Human Health) Oyun Sanjaasuren (Mongolia, Chair of Global Water Partnership) & others.*

##### SESSION III: Infectious Diseases, Animals, Agriculture - Impacts of Environmental Change

This session explores the visible and hidden links between infectious diseases, agriculture and environmental security.

*With Woutrina Smith (UC Davis) Peter Msoffe (Dadoma, Tanzania), Sandra Telfer (Aberdeen), Benjamin Rice (Madagascar Health & Environmental Research) and Matt Bonds (Harvard) and others.*

### LIVING LABS

EVENING DAY THREE, 31 MAY  
DAY FOUR, 1 JUNE 2018

A range of workshops will be held on 31 May and 1 June – presenting and exploring action plans and novel thinking on planetary health from science and the creative arts. They include Future Earth Health Knowledge-Action Network, the BRIDGE Collaborative, Mask Making from Art of Change 21, Collaborative South East Asian Challenge of Agriculture/ Health/ Environment integration across sectors and disciplines.

### EVENING RECEPTIONS

#### Evening Reception at Dynamic Earth

DAY ONE, 29 MAY 2018

An opportunity to meet together in the centre of Edinburgh in a venue that tells the story of planet earth.

#### Evening Reception at National Museum

DAY TWO, 30 MAY 2018

A traditional Scottish night with ceilidh dancing, buffet supper and Celtic craic at an iconic Edinburgh Location.

## DAY TWO - WEDNESDAY, 30 MAY 2018

### **SESSION IV: Mental Health / Non Communicable Diseases (NCDs) Impacts of Environmental Change**

This session will focus on the mechanisms by which climate change, and air, water, and soil pollution, affect NCDs and mental health.

With **Jonathan Patz** (University of Wisconsin-Madison), **Phil Landrigan** (Lancet Commission Air Pollution and Health), **Tony Capon** (University of Sydney), **Esther Boudewijns** (Maastricht – Bangalore) and others.

### **SESSION V: Solution Space: Agents and Agency - Economics, Governance and Policy Solutions**

How multilateral and national organisations can utilise planetary health frameworks to advance on-the-ground solutions.

With **Mandeep Dhaliwal** (UNDP), **Kulsum Ahmed** (former World Bank), **Timmy Bouley** (World Bank), **Katherine Trebeck** (WEAll) and others.

### **SESSION VI: LIGHTENING TALKS**

A taster of the dynamic research on planetary health across the globe  
*Including talks on conservation of Brazilian underutilized species, urban gold mining, the BRIDGE collaborative, and migration climate change and health.*

## DAY THREE - THURSDAY, 31 MAY 2018

### **SESSION VII: Redesigning Space - Urban Design For Health**

An estimated two thirds of the world will live in cities by 2050, thus the healthiness of cities will determine the healthiness of people. This session focuses on strategies to create health promoting cities with non-polluting services that meet the energy, food, security, industry and livelihood needs of rapidly transitioning populations.

With **Andy Kerr** (Centre for Carbon Innovation), **Ana Diez Roux** (Drexel) **Rebekah Brown** (Monash) and **Catherine Calderwood**, CMO Scotland.

### **SESSION VIII: Solution Space - Different Economies and Economics to Solve Planetary Health Problems**

This session will explore what role could/should joined up public, private sector and 3rd sector partners play in developing a new paradigm for a healthier planet

Led by **Katherine Trebeck**, **Jock Encombe** and **Michael Weatherhead** (WEAll Wellbeing Economy Alliance)

### **SESSION IX: Faith, Traditions, Indigenous Voices and The Arts: Rethinking Our Place In The World**

Ideas and concepts at the heart of Planetary Health, such as the idea of oneness and symbiosis of all life on planet earth, are woven into the very fabric of faith, traditions and the arts. This session will explore how the cutting edge science within Planetary Health relates to these ancient ideas.

*Faith Leaders including the Chancellor of the Pontifical Academy of Sciences Vatican, representatives of indigenous communities and leaders from the Arts Festival, TEARFUND and Art of Change 21*

**CLOSING REMARKS** from **Kerry Arabena** (President EcoHealth Director, Indigenous Health Equity Unit, Melbourne) and **Richard Horton** (The Lancet)

## **CONNECT, CREATE COLLABORATE**

### **Morning breakfast runs and walks to Arthur's Seat**

DAY TWO & THREE,  
30-31 MAY 2018

Arthur's Seat – Edinburgh's main peak – is an ancient volcanic plug sitting 250 m above sea level set in a Royal Park adjacent to Holyrood Palace. With its diverse range of flora and geology, it is a site of Special Scientific Interest.

### **Mentoring Lunch**

DAY ONE, 29 MAY 2018

Opportunities for young scientists and practitioners to meet with leaders in their field.

### **Business Breakfast**

DAY THREE, 31 MAY 2018

For local and national businesses  
*Chaired by Sharon D'Agostino, a previous Vice President of Johnson & Johnson*

### **Poster exhibit**

An opportunity to read a wide range of excellent scientific abstracts and make connections

### **Art exhibits**

Exhibition of art – including the Planetary Health photography competition – depicting how global environmental change affects our health. Art exhibition will include contributions from:

Art of Change 21: (AOC21) a pioneering French nonprofit addressing the link between art and sustainable development.

Maskbook, by AOC21, an international and participatory art-action project launched in 2015 for the COP21 in Paris (supported by UN Environment) that raises awareness about climate change and air pollution and encourages citizens of the world to act for the environment.

### **The Edinburgh Expo**

Planetary Health initiatives from across the University of Edinburgh.

