Transdisciplinary Research Priorities for Human and Planetary Health in the Context of the 2030 Agenda for Sustainable Development

Webinar: 9 February 2021, 6 am GMT

Health Knowledge-Action Network

The Future Earth Health Knowledge-Action Network held its official launch event in Taipei City on 20-23 May 2019. The first core activity of the Health Knowledge-Action Network was to shape a research agenda to address cross-cutting knowledge gaps to further understanding and management of the health risks of these global environmental changes, along with societal stakeholders and with representatives from around the world that understand the Health-Environment intersection needs within their regions.

This Webinar will dig deeper into the process and the main themes identified for the research agenda that was developed and published in a scientific journal i.e.:

1. risk identification and management (including related to water, hygiene, sanitation, and waste management); food production and consumption; oceans; and extreme weather events and climate change;
2. strengthening climate-resilient health systems;
3. monitoring, surveillance, and evaluation; and
4. risk communication.

The team highlighted the need that research approaches need to be transdisciplinary, multi-scalar, inclusive, equitable, and broadly communicated. Promoting resilient and sustainable development are critical for achieving human and planetary health.

Abstract

Human health and wellbeing and the health of the biosphere are inextricably linked. The state of Earth’s life-support systems, including freshwater, oceans, land, biodiversity, atmosphere, and climate, affect human health. At the same time, human activities are adversely affecting natural systems. This review paper is the outcome of an interdisciplinary workshop under the auspices of the Future Earth Health Knowledge Action Network (Health KAN). It outlines a research agenda to address cross-cutting knowledge gaps to further understanding and management of the health risks of these global environmental changes through an expert consultation and review process.
The research agenda has four main themes: (1) risk identification and management (including related to water, hygiene, sanitation, and waste management); food production and consumption; oceans; and extreme weather events and climate change. (2) Strengthening climate-resilient health systems; (3) Monitoring, surveillance, and evaluation; and (4) risk communication. Research approaches need to be transdisciplinary, multi-scalar, inclusive, equitable, and broadly communicated. Promoting resilient and sustainable development are critical for achieving human and planetary health.

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Webinar registration: https://zoom.us/webinar/register/WN_2foZ7DVEQE-pzNRKU3diqA

Speakers

Josh Tewksbury, Interim Executive Director, Future Earth, USA

Andy Haines, Professor Sir, London School of Hygiene and Tropical Medicine, UK

Frances Harris, Geography, Environment and Planning, School of Life and Medical Sciences, University of Hertfordshire, UK

Chadia Wannous, Coordinator, Towards A Safer World Network (TASW), Sweden

Brama Kone, University Peleforo Gon Coulibaly of Korhogo & Centre Suisse de Recherches Scientifiques, Côte d’Ivoire

Kristie L. Ebi, Professor, Center for Health and the Global Environment (CHanGE), University of Washington, USA.
Moderator

Anthony Capon,
Director, Monash
Sustainable Development Institute,
Monash University, Australia

Program

| Time   | Activity                                                                 |
|--------|--------------------------------------------------------------------------|
| 05:45  | Webinar open                                                             |
| 06:00  | Opening Remarks: Future Earth and the importance of health<br><em>Speaker: Josh Tewksbury</em> |
| 06:05  | Human and planetary health in the Anthropocene<br><em>Speaker: Andy Haines</em> |
| 06:20  | Overview of global environmental changes<br><em>Speaker: Frances Harris</em> |
| 06:35  | Overview of global socio-economic transitions<br><em>Speaker: Chadia Wannous</em> |
| 06:50  | Research Agenda: Research Priorities for Human and Planetary Health<br><em>Speaker: Brama Kone</em> |
| 07:05  | Q&A                                                                       |
| 07:25 - 07:30 | Closing remarks<br><em>Speaker: Kristie L. Ebi</em> |