

19 November 2024

08:30 10 min	<b>Welcome and introduction</b> Sharon Kaur, Universiti Malaya, Malaysia
08:40 50 min	<b>Keynote presentations</b> Fortunate Machingura, CeSHHAR, Zimbabwe Julian Sheather, World Health Organization, United Kingdom
09:30 30 min	<b>Pecha Kucha</b> Chair: Amelia Turagabeci, Fiji National University, Fiji  Climatic disaster and women’s vulnerability: a case study on menstrual hygiene management of internally displaced women in the Sundarban Regions of India <i>Puja Das, International Institute for Population Sciences, India</i>  Ethical issues with “The changing role of women in the agriculture sector and their contribution to climate change adaptation - a case study of Sigatoka and Ba, Fiji” <i>Radhisha Nath, Fiji National University, Fiji</i>  Ethical dilemmas in health and climate research: a case study on indigenous rights and mutual benefits <i>Wellester Alvis, Universiti Malaya, Malaysia</i>  Ethical dimensions of the Multi-Tier Framework: balancing gender equity, health, and climate justice <i>Brenda Odero, University of KwaZulu-Natal, South Africa; Strathmore University, Kenya</i>
10:00	<i>Tea/coffee break</i>
<b>Theme 1</b> 10:30	<b>Interdisciplinary approaches, co-production &amp; integrating indigenous knowledge</b> Chairs: Yasna Palmeiro Silva, The Lancet Countdown on Health and Climate Change, UK Kevin Behrens, University of the Witwatersrand, South Africa
10 min	Introduction to the theme
15 min	An impact evaluation of climate adaptation actions on nutritional and psychosocial health in rural mid-Zambezi Valley: review and discussion of ethical issues arising <i>Admire Nyamwanza, Institute of Natural Resources, South Africa</i>
15 min	The ethical challenges of researching the exposure of informal outdoor workers to the health impacts of climate change in urban Vietnam

	<i>Anh Vu, National Centre for Social Research, UK</i>
15 min	<b>Plenary discussion</b>
11:25 50 min	<b>Breakout group discussion</b>  Questions: <ol style="list-style-type: none"> <li>1. Is there an ethical obligation to integrate indigenous knowledge into research about the local effects of climate change on health and ways in which these can be mitigated, and what other ethical obligations arise when this is done?</li> <li>2. Reflecting on Ahn Vu's case, what ethical obligations does a research team have regarding the long-term impact of the research on participants and their communities, especially if mitigation policies are not immediately or fully implemented?</li> </ol>
12:15	<i>Lunch</i>
<b>Theme 2</b> 13:30	<b>Rethinking research ethics governance</b> Chair: Katherine Littler, World Health Organization, Switzerland
5 min	Introduction to the theme
35 min	Panel members: <ul style="list-style-type: none"> <li>• Philosophical and conceptual issues <i>Tony Capon, Monash University, Australia</i></li> <li>• Practical implications of a narrow conception of research ethics in this field <i>Ana Palmero, World Health Organization (consultant), Argentina</i></li> <li>• How to distribute different types of responsibilities appropriately across the research ecosystem <i>Carleigh Krubiner, Wellcome, UK</i></li> </ul>
15 min	<b>Plenary discussion</b>
14:25 45 min	<b>Breakout group discussion</b>  Questions: <ol style="list-style-type: none"> <li>1. What philosophical and conceptual issues arise when the narrow conception of research ethics, which traditionally applies to human subject research, is applied to climate change health research?</li> <li>2. What are the practical implications of a narrow conception of research ethics in the field of climate change and health research and what changes are needed?</li> <li>3. Who is responsible for thinking about planetary health and ensuring these considerations are part of the research ethics governance framework?</li> </ol>

15:10	<i>Tea/coffee break</i>
<b>Theme 3</b> 15:40	<b>Research agenda setting and uptake: power, justice and fairness</b> Chairs: Ross Upshur, University of Toronto, Canada
10 min	Introduction to the theme
15 min	Ethics of environmental research: the case of the 2019 flood in Aq Qala, Iran <i>Ehsan Shamsi Gooshki, Tehran University of Medical Sciences, Iran and Monash University, Australia</i>
15 min	Co-production of climate-sensitive infectious diseases ethics rules with women grassroots organizations in Paraguay <i>María Victoria Gerbaldo, Oxford-Johns Hopkins Global Infectious Disease Ethics Collaborative (GLIDE) and Climate Ethics and Development Foundation, Argentina</i>
15 min	Conducting research on preventing climate change-related diseases protecting the interests of most affected countries: a bioethical perspective on dengue <i>Guímel Peralta, Universidad Tecnológica Centroamericana (UNITEC), Honduras</i>
15 min	<b>Plenary discussion</b>
16:50 45 min	<b>Breakout group discussion</b>  Questions: <ol style="list-style-type: none"> <li>To what extent is existing research ethics guidance sufficient to advance justice and fairness in climate change health-related research agenda setting and uptake?</li> <li>For research on the health impacts of climate change, what would justice and fairness in research agenda setting and uptake look like?</li> </ol>
17:35	<i>Meeting close</i>
18:30	<i>Conference dinner at The Estate – meet in hotel foyer to catch bus to the venue</i>

## 20 November 2024

08:30 30 min	<b>Summary – key themes from day 1</b> Jantina De Vries, University of Cape Town, South Africa Michael Parker, Oxford University, UK
<b>Theme 4</b> 09:00	<b>Impact of health research on climate change</b> Chair: Anna Chiumento, University of Edinburgh, UK

10 min	Introduction to the theme
15 min	<i>Clinical trials, environmental harms and the response-ability to act</i> <i>Gabrielle Samuel, King's College London, UK</i>
15 min	Balancing act: ethical considerations in data-intensive health research and environmental sustainability in Kenya and Senegal <i>Mercury Shitindo, Africa Bioethics Network, Kenya</i>
15 min	<b>Plenary discussion</b>
9:55 45 min	<b>Breakout group discussion</b>  Questions: <ol style="list-style-type: none"> <li>1. How should researchers balance their responsibilities to address current disease burdens with the impact of their research on climate change?</li> <li>2. Is there a risk that highlighting the climate impacts of health research further disincentivises research with often marginalised populations most affected by climate change?</li> <li>3. What should guide the distribution of responsibilities to limit or mitigate the environmental impacts of health research?</li> </ol>
10:40	<i>Tea/coffee break</i>
<b>Theme 5</b> 11:20	<b>New research and emerging technology: balancing speed and caution</b> Chair: Fortunate Machingura, CeSHHAR, Zimbabwe
10 min	Introduction to the theme
15 min	Ethics and governance of solar geoengineering research: a bioethical analysis of the SCoPEX small outdoor experiment <i>Ignacio Mastroleo, Bioethics Program of IICSAL-FLACSO-CONICET, Argentina &amp; Degrees Socio Political Fund, UK</i>
15 min	Balancing urgency and caution in the face of climate change: how to advance new research for malaria control? <i>Delphine Thizy, Target Malaria, UK</i>
15 min	Harmonious coexistence: ethical issues arising from studies on improving plant pollination with micro-drone swarms, while safeguarding insect populations and fostering human health <i>Matimba Swana, University of Bristol, UK</i>
15 min	<b>Plenary discussion</b>

<p>12:30 45 min</p>	<p><b>Breakout group discussion</b></p> <p>Questions:</p> <ol style="list-style-type: none"> <li>1. What ethical factors need to be considered when seeking to balance urgency and caution when researching new technologies in relation to climate change and health?</li> <li>2. When balancing urgency and caution, whose voices should be heard?</li> </ol>
<p>13:15</p>	<p><i>Group photo and lunch</i></p>
<p>14:30 30 min</p>	<p><b>Pecha Kucha</b> Chair: Phaik Yeong Cheah, Mahidol Oxford Tropical Medicine Research Unit, Thailand</p> <p>Examining the ethical implications of the burden of heat wave-related illnesses in indigenous communities in Puruliya, West Bengal, India <i>Sajda Khatoon, Manbhumi Ananda Ashram Nityananda Trust, India</i></p> <p>Ethical considerations in mapping urban overheating and health impacts: a case study of Addis Ababa, Ethiopia <i>Seyoum Eshetie, Space Science and Geospatial Institute of Ethiopia, Ethiopia</i></p> <p>Study of socioeconomic disparity on the effect of heat on health in persons working in the same organisation <i>Renu Varghese, Pondicherry Institute of Medical Sciences, India</i></p> <p>Ethics of research on climate change and health in colonial Africa must emphasize reparative and distributive justice: the case of colonial land alienation and climate impact on health in the British East Africa Protectorate (Kenya) <i>David Wanjeri, Egerton University, Kenya</i></p> <p>Ethics of microbiome science, climate change and health <i>Yonghui Ma, Xiamen University, China</i></p> <p>Adaptability during adversity: climate change and health policy in hard-to-reach communities Jigawa State, Nigeria. <i>Ibrahim Umar, Federal University Dutse, Nigeria</i></p>
<p>15:00</p>	<p><b>Concluding panel discussion</b> to highlight key themes arising at the meeting and to tease out key issues that have been missing from the discussion Chair: Sharon Kaur, Universiti Malaya, Malaysia</p>

	<p>Panel:</p> <ul style="list-style-type: none"> <li>• Jerome Singh, Academy of Science of South Africa, South Africa</li> <li>• Amelia Turagabeci, Fiji National University, Fiji</li> <li>• Caesar Atuire, University of Oxford and University of Ghana</li> <li>• Yasna Palmeiro Silva, The Lancet Countdown on Health and Climate Change, UK</li> </ul>
15:45	<p><b>Presentation of awards and announcements</b> Caesar Atuire, University of Oxford and University of Ghana Katherine Littler, World Health Organization, Switzerland</p>
16:00	<i>Meeting close</i>

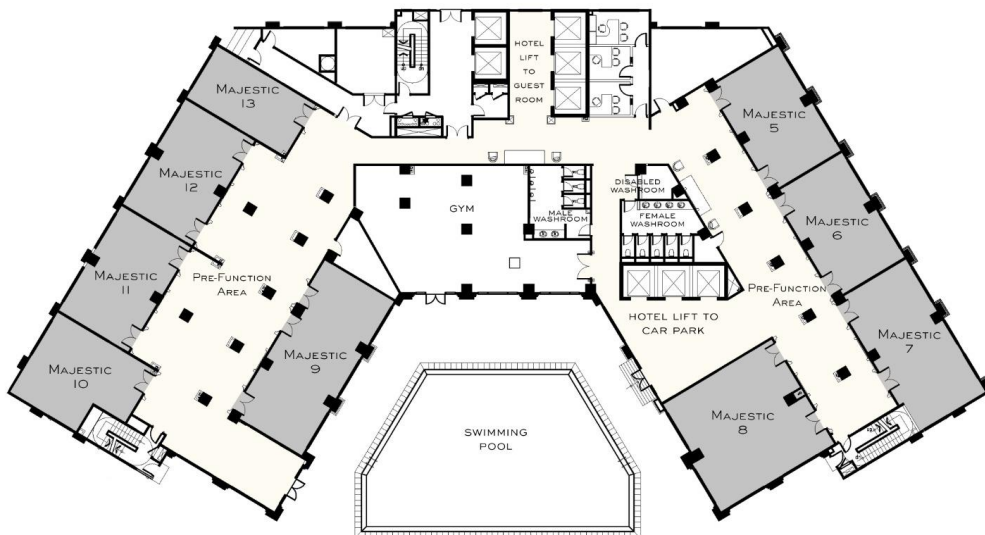
### Breakout groups

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|---|-------|--|
| 1 | Room: | Main conference room (Majestic 2, Level 3) |
| 2 | Room: | Main conference room                       |
| 3 | Room: | Main conference room                       |
| 4 | Room: | Main conference room                       |
| 5 | Room: | Majestic 5 (Level 4)                       |
| 6 | Room: | Majestic 6 (Level 4)                       |
| 7 | Room: | Majestic 11 (Level 4)                      |
| 8 | Room: | Majestic 12 (Level 4)                      |

Ethical issues arising in research into health and climate change  
**Majestic Room 2, Level 3**  
**Majestic Hotel Kuala Lumpur, Malaysia**  
**19 & 20 November 2024**



PRE - FUNCTION AND MEETING ROOMS AREA  
 LEVEL 3



PRE - FUNCTION AND MEETING ROOMS AREA  
 LEVEL 4

