



UNIVERSITÄT
HEIDELBERG
ZUKUNFT
SEIT 1386



SYMPOSIUM CLIMATE CHANGE, NUTRITION AND HEALTH: GLOBAL CHALLENGES AND POTENTIAL SOLUTIONS

MAY 5-7, 2021

HEIDELBERG

Conveners:

Ina Danquah and
Rainer Sauerborn,
Heidelberg Institute of Global
Health (HIGH)

Location *in person*: Seminar room,
Neuenheimer Feld 370

Online: <https://heiconf.uni-heidelberg.de/jfwe-9qgt-mwwa-cq32>

Prof. Dr. Ina Danquah
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Prof. Dr. Rainer Sauerborn
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Program

Time Zone: CET

Wednesday, May 5 – Impacts and Mitigation

15:00-15:15 Welcome and introduction, Ina Danquah and Rainer Sauerborn, HIGH

15:15-15:30 Climate Change and the World Health Summit, Detlev Ganten & Axel Pries, Charité – Berlin

Keynote:

15:30-16:00 Planetary health and climate change, Andrew Haines, London School of Hygiene and Tropical Medicine (LSHTM)

Climate change impacts on nutritional status

Session chair: Rainer Sauerborn, HIGH

Time	Topic	Presenter
16:00-16:15	Projecting deaths from undernutrition from empirical time series in Nouna, Burkina Faso	Kristine Belesova, LSHTM
16:15-16:30	Impact of ambient air CO ₂ concentration on micronutrient content of food plants under different climate change scenarios: FACE experiments	Peter Huyberts, Harvard University

Break 30 minutes

Keynote:

17:00-17:30 The global syndemic of obesity, undernutrition and climate change, William Dietz, George Washington University, D.C.

Mitigation through environmentally friendly diets

Session chair: Andrew Haines, LSHTM

Time	Topic	Presenter
17:30-17:45	Environmental impacts of obesity	Adam Drewnowski, University of Washington, Seattle
17:45-18:00	Healthy dietary patterns to mitigate climate change	Frank Hu, Harvard University
18:00-18:15	Life-cycle analysis for greenhouse gas emissions of foods	Michael Clark, University of Oxford
18:15-18:30	Optimization modeling for the design of sustainable diets	Corné van Dooren, Vrije Universiteit Amsterdam

Break 30 minutes

Co-benefits as drivers of climate-friendly diets

Session chair: Corné van Dooren, Vrije Universiteit Amsterdam

Time	Topic	Presenter
19:00-19:15	Sustainable diet index in the NutriNet-Santé Study	Julia Baudry, Sorbonne Paris
19:15-19:30	Nutrition-related health co-benefits as a motivator for European households to reduce their carbon footprint	Alina Herrmann, HIGH
19:30-19:45	Co-benefits of sustainable agricultural interventions	Lindsay Jaacks, University of Edinburgh

19:45-20:15

Plenary discussions of presentations with an angle to identify research gaps as a preparation for the final workshop on proposal drafting (Ina Danquah, HIGH)

Thursday, May 6 – Adaptation

Keynote:

15:00-15:30 Nutrition interventions in Africa, Wafaie Fawzi, Harvard University

Nutrition-specific adaptations

Session chair: Ali Sié, CRSN Nouna

Time	Topic	Presenter
15:30-15:45	Nutrition interventions in the INDEPTH population cohorts in Africa- an overview	Osman Sankoh, Statistics Council Sierra Leone
15:45-16:00	Nutrition interventions in Kenya und Burkina Faso	Isabel Mank, HIGH
16:00-16:15	Nutrition interventions in Madagascar	Christopher Golden, Harvard University

Break 30 minutes

Nutrition-sensitive adaptation

Session chair: Stephen Munga, Kenya Medical Research Institute (KEMRI), Kisumu

Keynote:

16:45-17:15 Evaluation of a nutrition-sensitive intervention in Bangladesh, Sabine Gabrysch, Potsdam Institute of Climate Impact Research (PIK), Charité – Berlin, and HIGH

Time	Topic	Presenter
17:15-17:30	Modeling climate change, agriculture and food production	Christoph Gornott, University of Kassel
17:30-17:45	Climate change adaptation projects in Burkina Faso	Ali Sié, CRSN Nouna
17:45-18:00	Lifetime cumulative rainfall exposure and risk of chronic undernutrition in Burkina Faso	Edmund Yeboah, HIGH

Break 30 minutes

18:30 “Food systems and global health”

- university-wide event -

Keynotes, followed by discussion with students and the public

Held together with the “Student Society for Global Health” and the “Heidelberg Center for the Environment”

Keynotes:

Walter Willett, Harvard T.H. Chan School of Public Health, Boston

“Food in the Anthropocene: The EAT Lancet Commission on healthy diets from sustainable food systems”

Till Bärnighausen, Heidelberg Institute of Global Health, Heidelberg University

“Research Challenges in Global Health”

Friday, May 7 – Proposal brainstorming, development, next steps

Proposal workshop part (i)

Raïssa Songo, HIGH and Ali Sié, Centre de Recherche en Santé de Nouna (CRSN)

Time	Topic
15:00-16:00	“Market of project ideas” – identify possibilities for cooperation

Break 15 minutes

Proposal workshop part (ii)

Edmund Yeboah, HIGH & Erick Muok, Kenya Medical Research Institute (KEMRI) Kisumu

Time	Topic
16:15-17:30	“Brainstorming” – group work to draft project proposals in break-out rooms

17:30 - 18:00 Closing
Rainer Sauerborn, HIGH

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