

alterneteurope.eu/conference2022/

14-17 June, 2022

Ghent, Belgium

An Alternet Conference

Transformative Changes for Biodiversity and Health



PROGRAMME
SPEAKERS & TALKS

14.06 - TUESDAY	15.06 - WEDNESDAY	16.06 - THURSDAY	17.06 - FRIDAY
	PLENARY TALK		PLENARY TALK
	09:00 - 10:00		
	“The Links Between Biodiversity, Health and Epidemics” Serge Morand - <i>Augustinus</i>	“Transformative Change” Heidi Wittmer & Jiska van Dijk - <i>Augustinus</i>	“Biodiversa+ (The European Biodiversity Partnership): Strengthening the Knowledge Foundations for Societal Transformation” Hilde Eggermont - <i>Augustinus</i>
	10:00 - 11:00		
ARRIVALS 12:00 - 14:00	Biodiversity and Human Health - <i>Augustinus</i>	How to Research Transformative Changes? - <i>Hippo</i>	Transforming Our Perceptions of Human-Nature Relationships for Transformative Changes - <i>Augustinus</i>
		Public Food Procurement as Driver of Food Systems Transformation - <i>Hippo</i>	Actonize Scientific Knowledge (Science-Policy Interface) - <i>Monica</i>
	COFFEE BREAK		Actonize Scientific Knowledge (Science-Policy Interface) - <i>Augustinus</i>
	11:00 - 11:20		
	11:20 - 13:00		COFFEE BREAK
	Biodiversity and Human Health - <i>Augustinus</i>	How to Research Transformative Changes? - <i>Hippo</i>	Transforming Our Perceptions of Human-Nature Relationships for Transformative Changes - <i>Augustinus</i>
		Public Food Procurement as Driver of Food Systems Transformation - <i>Hippo</i>	Actonize Scientific Knowledge (Science-Policy Interface) - <i>Monica</i>
	LUNCH BREAK		Final Session: Key Messages - <i>Augustinus</i>
	13:00 - 14:00		LUNCH BREAK
	14:00 - 15:00		PLENARY TALK
	“Having a Whale of a Time with Transformative Change” Peter Bridgewater - <i>Augustinus</i>	“Transforming Food Systems and Rural Areas” Nicolas Dendoncker - <i>Augustinus</i>	“BioAgora” Eeva Furman - <i>Augustinus</i>
	15:00 - 16:00		
	Biodiversity and Ecological Health - <i>Augustinus</i>	Making Cities Biodiverse - <i>Hippo</i>	Time for a Change of Food Systems: Lock-Ins and Levers - <i>Augustinus</i>
		Governing System-Level Risks: Connecting Human and Environmental Health with other Sustainable Development Goals - <i>Hippo</i>	Sustainable Food System and Zoonotic Disease Emergence - <i>Monica</i>
			Invasive Species and Their Impact on Human and Ecosystem Health - <i>Hippo</i>
			Transdisciplinary Education: A Leverage Point for Transformative Change - <i>Augustinus</i>
	COFFEE BREAK		COFFEE BREAK
	16:00 - 16:20		
	16:20 - 18:00		
	Biodiversity and Ecological Health - <i>Augustinus</i>	Making Cities Biodiverse - <i>Hippo</i>	Time for a Change of Food Systems: Lock-Ins and Levers - <i>Augustinus</i>
		Governing System-Level Risks: Connecting Human and Environmental Health with other Sustainable Development Goals - <i>Hippo</i>	Sustainable Food System and Zoonotic Disease Emergence - <i>Monica</i>
			Invasive Species and Their Impact on Human and Ecosystem Health - <i>Hippo</i>
			Transdisciplinary Education: A Leverage Point for Transformative Change - <i>Augustinus</i>
	18:00 - 19:00		
	Alternet Alumni Meeting (<i>Hippo</i>) and MB Meeting (18h-20h <i>Monika</i>)	Reception, Poster Session & Consortium Building	Ghent Walking Tour (meet at front desk)



Transformative Changes for Biodiversity and Health: Speakers & Talks

Keynote Speakers

- **Peter Bridgewater** (University of Canberra): *Having a whale of a time with transformative change.*
- **Serge Morand** (CNRS – CIRAD, France): *The links between biodiversity, health and epidemics.*
- **Nicolas Dendoncker** (Department of Geography, Transitions Institute, University of Namur, Belgium): *Transforming food systems and rural areas.*
- **Heidi Wittmer** (Helmholtz Centre for Environmental Research- UFZ) and **Jiska van Dijk** (NINA): *Transformative Changes.*
- **Eeva Furman** (Finnish Environment Institute- SYKE): *BioAgora.*
- **Hilde Eggermont** (Affiliate at Royal Belgian Institute of Natural Sciences, Coordinator & Chair of the European Biodiversity Partnership - Biodiversa+): *Biodiversa+ (The European Biodiversity Partnership): Strengthening the Knowledge Foundations for Societal Transformation.*

Biodiversity and Ecological Health

1. **Mark Deconchat**: *Biodiversity and health as a framework for assessing pesticides in agriculture.*
2. **Ana Lillebo**: *Citizen science as an opportunity for biodiversity monitoring: the effect of environmental identity.*
3. **Benjamin Wegner**: *Recreational boating driving freshwater biodiversity.*
4. **Andrej Raniak**: *Impacts of global megatrends on the Danube Region in Slovakia.*
5. **Andrea Franke**: *How to achieve ocean health?*
6. **Olga Ameixa**: *Contribution to the knowledge of diversity, distribution, and abundance of saltmarsh insect communities of Ria de Aveiro, Portugal.*
7. **Armand Okende**: *Evolution and identification of the drivers of deforestation in the Democratic Republic of Congo: case of the territory of Bolobo.*

Biodiversity and Human Health

1. **An Cliquet**: *Towards an explicit legal recognition of the link between biodiversity and human health.*
2. **Lars Berger**: *Facilitator or recipient? The role of*

nature conservation in Transformative Change.

3. **Fiona Nevzati**: *Assessment of cultural ecosystem services and human well-being related to biodiversity in an urban-wilderness context: The Harku municipality case study.*
4. **Jenni Simkin**: *The association of stress and risk of depression to the restoration in different forests - does the biodiversity matter when planning the health forest?*
5. **Loic Gillerot**: *How forest structure, biodiversity and composition influence human thermal comfort.*
6. **Matthias Steinparzer**: *Integrating Tree Species Identity and Diversity in Particulate Matter Adsorption.*
7. **Facilitated discussion.**

Transforming Food Systems

A. LOCK-INS AND LEVERS TO RE-LOCALIZE FOOD SYSTEMS

1. **Marjolein Visser**: *The agroecology-technology conundrum: lessons learnt from interdisciplinary team visits of agroecological farms in Belgium.*
2. **Martin Wildenberg**: *Transformation for the mass markets - farmers, retailers and the agro-ecological transformation - lock-in or lever?*
3. **Myriam Dumortier**: *Sharing (sub)urban protected areas – the agro-ecological farmers' perspective.*
4. **Josephine Dalimier**: *Inter-niche tensions and the challenge of federation: an original way to newly interpret the brakes on agri-food regime change and their associated levers (Case study: Coeur de Condroz).*
5. **Amaury Beaugendre, Lou Chaussebourg, Noémie Maughan**: *How wheat heritage cultivars bypass lock-ins: an interdisciplinary look at the drivers of an alternative bread food chain.*

B. SUSTAINABLE FOOD SYSTEM AND ZOO NOTIC DISEASE EMERGENCE: PREVENTION OF THE RISK BY MITIGATING THE IMPACT OF BIODIVERSITY

1. **Jean-Luc Guérin**: *Presentation of the example of avian influenza.*
2. **Elisa Bohin, Murielle Trouillet**: *Presentation of PREZODE.*

3. **PREZODE regional workshops**: *outputs in the field of biodiversity and sustainable food systems.*
4. **Round table (Juliette Young, Eeva Furman, Serge Morand, Jean-Luc Guérin)**: *Reconciling biodiversity and prevention of zoonotic disease emergence in sustainable food systems.*

C. PUBLIC FOOD PROCUREMENT AS DRIVER OF FOOD SYSTEMS TRANSFORMATION

Roundtable discussion - featured speakers:

1. **Giorgia Dalla Libera Marchiori** - Buy Better Food Campaign coordinator at ICLEI European Secretariat.
2. **Tamara Bruning** - Head of cleaning and catering services at City of Ghent, Belgium.
3. **Daisy Schellinck** - Senior procurement officer at City of Ghent, Belgium.
4. **Moderator: Sarah Bruinaars** - Nutritionist/dietitian and project officer at City of Ghent, Belgium.

How to research transformative changes

1. **Thomas Fickel**: *Farmers' satisfaction and cooperation in conflicts about river restoration in Germany. What influence have economic variables and participation?*
2. **Francesca Leucci, Eleonora Ciscato**: *Fifty Shades of Restoration in Italy: An Analysis of Legal Tools and Drivers for Transformative Change.*
3. **Juliette Young**: *Understanding food system transformation through transdisciplinary methodologies.*
4. **Tanya Marcela González Martínez, Avila Akerberg**: *Foodscape's biodiversity reappraisal in a rural-urban area as a way of reevaluate local potential for food sovereignty.*
5. **Hugo Enrique Reyes Aldana**: *Can combining functional and structural metrics help to develop better assessments of Ecosystem health?*
6. **Lisa Norton**: *The role of ruminants in future food systems.*
7. **Austin Martin**: *Urban biodiversity, the luxury effect, and urban ecology's paucity in theory: How political ecology can contribute to urban ecological theory.*
8. **Interactive session - group work.**

Transformative Changes for Biodiversity and Health: Speakers & Talks

Actonize scientific knowledge (science-policy interface)

1. **Eva Beele:** *Reaching out to cities of tomorrow: integrating science and policy for climate smart city planning.*
2. **George Linney:** *Comparison of ecosystem service mapping approaches using different evidence types.*
3. **Jarumi Kato Huerta:** *Application of a Distributive Environmental Justice index for urban Nature-based solutions planning.*
4. **Simo Sarkki:** *Strategic science-policy interfacing to bridge the knowledge – action gap for biodiversity.*
5. **Eclipse talk and panel discussion**

Governing system-level risks: connecting human and environmental health with other sustainable development goals

1. **Eeva Primmer, Kurt Jax:** *Introduction to the session: Governing system-level risks: connecting human and environmental health with other sustainable development goals.*
2. **Anders Branth Pedersen:** *The politics of national SDG indicator systems: A comparison of four European countries.*
3. **Graciela Rusch:** *The role of knowledge systems in SDG-related risk assessments: A case of boreal forest fertilization as climate action.*

Commentator: *Nicole de Paula, Senior SDGs Expert, Office of Sustainable Development Goals, FAO.*

Invasive species and their impact on human and ecosystem health

1. **Jasmijn Hillaert, Cristina Preda, Quentin Groom, Simone Lioy, Sander Devisscher and Tim Adriaens:** *Vespa velutinain Flanders: how citizen science improves knowledge about potential impact.*
2. **Hanno Seebens:** *Trends, status and gaps of the global distribution of alien species*
3. **Ruth Müller:** *The eco-bio-social drivers of the dengue vectors albopictus and Ae. aegypti: An altitudi-*

nal transect study in Nepal.

4. **Marion Mehring,** Friederike Reuss, Ruth Müller: *Environmentally friendly and sustainable control of the Asia bush mosquito – Public acceptance and effectiveness of control measures in Germany.*

Making cities biodiverse - co-benefits for people and nature

Panel discussion:

1. **Tadhg Macintyre:** *360 degree health (GoGreen-Routes).*
2. **Evelise Pereira Barboza:** *Green space and mortality in European cities: a health impact assessment study (Project: GoGreenRoutes).*
3. **Laura Wendling:** *Indicator Handbook (Project: UNaLab).*
4. **Julita Skodra:** *Linking health to regeneration through EU projects (Project: CLEVER Cities).*
5. **Jenni Simkin:** *Policy instruments for urban greening (Project: GoGreenRoutes).*
6. **Katharina Funk:** *Participatory approaches (Erlangen).*
7. **Kate Batchelor:** *Community engagement (Project: CLEVER Cities).*

Transforming our perception on human-nature relationships for transformative change

1. **Carla Washbourne:** *Can the Lorax and the Once-ler ever be friends?*
2. **Wessel Ganzevoort:** *Caring for and about birds: Relational values in birders' stories about their passion*
3. **Bede West:** *A hard rain's gonna fall: how do deliberate and accidental nitrogen inputs highlight interconnection in grasslands?*
4. **Maria Haensel:** *Can a regional diet be nutritionally healthy and environmentally friendly? – a case study for Bavaria.*
5. **Facilitated discussion.**

Transdisciplinary education: A leverage point for transformative education

1. **Tanya Marcela González Martínez:** *Research and education in socio-ecosystems of central Mexico towards Nature's conservation with a long-term transdisciplinary approach.*

2. **Antonia Eastwood:** *Connecting young people with green spaces: the case for participatory video.*
3. **Alternet Summer School alumni (2021) research consortium:** *Transdisciplinary education: A leverage point for transformative change.*
4. **Participatory systems mapping activity.**