

Dear Pathways enthusiast,

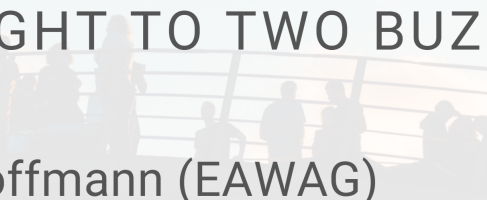
In September, the [inaugural Pathways Forum](#) saw more than 70 participants joining from Africa, Latin and North America, Asia, Europe, and Oceania. It was a truly humbling experience to witness the level of engagement and enthusiasm displayed by those of you who attended this event. It not only highlighted the richness of perspectives and experiences within the Pathways community, but also confirmed the value of a space like the Forum for critical and constructive reflections on sustainability science. It was a fantastic start and we are hoping to see many of you at our next Pathways Forum!

This month, we are particularly pleased to introduce two new activities as part of the Initiative: the Pathways Communication Grant, aiming to promote pathways research beyond academia, and the Pathways Café, designed as a regular opportunity for Pathways members to meet and network. More information on these activities can be found in this newsletter.

Best wishes to all,

Gilles Marciniak
& the Pathways Initiative Steering Group

Please send your contributions for the next Pathways Newsletter using our [content submission form](#)



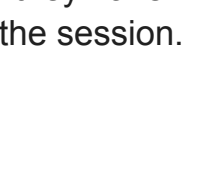
News and Events

PATHWAYS FORUM

TRANSDISCIPLINARY INTEGRATION:
GIVING WEIGHT TO TWO BUZZWORDS

With Sabine Hoffmann (EAWAG)

23 November 2021 1-2:30 pm CET



The Pathways Forum is a bi-monthly webinar series that aims to develop and support agenda-setting, synthesis and capacity building, and critical discussions around pathways for sustainability. (To watch the first Pathways Forum, click [here](#))

The November Forum will be a capacity building event on the topic of transdisciplinary knowledge integration. On this occasion, **Sabine Hoffmann** (Eawag: Swiss Federal Institute of Aquatic Science and Technology) will speak on the methods and processes of interdisciplinary and transdisciplinary integration and on the role of integration experts. Also, as a collective learning experience, participants will be encouraged to share some of the challenges they have encountered on inter/transdisciplinary projects during the discussion part of the session.

[Register for this event](#)

Starting from December, the **Pathways Café** will welcome you every other month to continue and further develop discussions initiated during the Pathways Forums or simply to get to know other members of the Pathways community through informal chats. The first Pathways Café will take place on **Friday 17 December, 1-2pm CET**.

Survey on Just Transitions in Biodiversity Governance



How can we deliver a just transition for biodiversity protection? If you feel this question is important, you may be interested in contributing to the [Just Transitions in Biodiversity Governance](#) project by completing this [online survey](#).

Funded by the British Academy, this research project aims to understand the effects for both scholarly theory and policy/practice of (1) governing biodiversity conservation and restoration through a just transitions lens; (2) considering how biodiversity governance in a locality may yield deeper insight into competing visions of what a just transition is; and (3) helping to co-create pathways to achieve biodiversity and climate objectives in a just and equitable manner.

ESRC STEPS Centre's final event

Pathways to Sustainability Knowledge, politics and power

This final event of the ESRC STEPS Centre brings together friends, collaborators and networks from around the world. *Pathways to Sustainability: Knowledge, Politics and Power* will explore the major challenges for sustainability in the present moment, reflect on lessons from the past fifteen years, and discuss future possibilities, plans and initiatives.

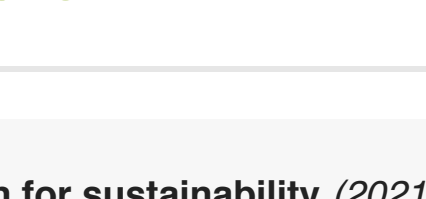
[Register for this event](#)

Global Goals Bratislava Conference

The 2021 Bratislava Conference on Earth System Governance (September 7-9 2021) covered many interesting topics including levers and barriers to transformation and social change. [Watch the Plenary and Semi-Plenary Sessions from the conference](#).

Opportunities

Call for proposals: Pathways Communication Grants



The pathways communication grants program seeks to ensure that scientific contributions enhancing the understanding of pathways for sustainability reach relevant audiences beyond the scientific community. To promote wider uptake and understanding, the grant supports the dissemination of findings via innovative dissemination formats and practices.

For more information, visit the [Pathways Communication Grants webpage](#).

Deadline for proposals: 31 January 2022

Call for proposals: Forum on Scenarios for Climate and Societal Futures

SCENARIOS FORUM 2022

June 2022, International Institute for Applied Systems Analysis (IIASA), 20-22 Laxenburg, Austria

The Forum on Scenarios for Climate and Societal Futures brings together a diverse set of communities who are using or developing scenarios for use in climate change and sustainability analysis to :

- exchange experiences, ideas, and lessons learned;
- identify opportunities for synergies and collaboration;
- reflect on the use of scenarios; and
- identify knowledge gaps for future research

The Scenarios Forum is open to anyone using, developing, or interested in scenarios to carry out research or policy analysis related to climate change and sustainability.

[Learn more about the forum](#)

[Submit your abstract](#)

Call for proposals: World Biodiversity Forum

JUNE 26 - JULY 1 2022

WORLD BIODIVERSITY FORUM

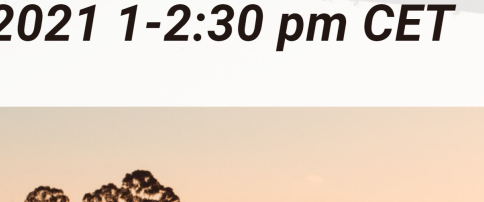
Co-hosted by bioDISCOVERY and the University of Zurich Research Priority Program Global Change and bioDISCOVERY, the 2nd World Biodiversity Forum will take place 26 June - 1 July 2022. JUNE 26 - JULY 1 2022. Under the theme Inspiration for Action, the second World Biodiversity Forum will bring together researchers across all disciplines of biodiversity science with practitioners and societal actors in a forum that offers inspiration and examples for actions and solutions to conserve biodiversity, and set us on a path towards transformation for sustainability.

We invite you to contribute to World Biodiversity Forum 2022 and invite you to submit your proposals for oral and poster contributions. Contributions should fit the theme of the conference, Inspiration for Action, and may be presented as part of the thematic sessions.

Deadline for proposals: 21 November 2021

[Submit your abstract](#)

Funding call : The European Biodiversity Partnership on “Supporting the protection of biodiversity and ecosystems across land and sea”, BiodivERSA



Timeline: Two-stage with opening October 2021, pre-proposals until 30 November 2021, and deadline for full proposals in April 2022

The call will cover three non-exclusive themes: "Knowledge for identifying priority conservation areas, establishing effective and resilient ecological networks, enhancing species-based protection, and preserving genetic diversity", "Multiple benefits and costs of biodiversity and ecosystem protection: synergies and trade-offs", and "Effective management and equitable governance to deliver bold conservation outcome".

[Apply](#)

Spotlight



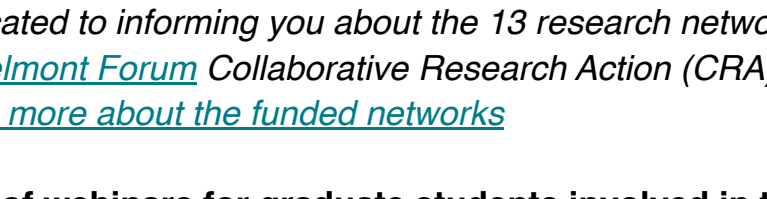
Learning from, through and about transdisciplinary research for transformations

A new open access publication highlights findings from the [PATHWAYS network](#) – part of the [Transformations to Sustainability](#) programme – on the role of transdisciplinary research in transformations.

The book explores the notion of 'transformative pathways to sustainability' through experiences in six different sites across the world – in Argentina, Mexico, Kenya, China, the UK and India. It identifies comparative insights and develops a synthesis on transformative pathways to sustainability. It offers lessons for integrating knowledge from the social and natural sciences with other non-disciplinary specialism around locally specific sustainability challenges.

[Find out more](#)

News from the Belmont Forum Pathways CRA



This section is dedicated to informing you about the 13 research networks that have been funded under the Belmont Forum Collaborative Research Action (CRA) on Pathways for Sustainability. [Learn more about the funded networks](#)

Launch of a series of webinars for graduate students involved in the Pathways CRA projects!

Navigating through the different steps of a research project involving actors from different countries and with diverse expertise can be challenging for early-career researchers.

The series of webinars will give an opportunity to graduate students involved in the Pathways CRA projects to exchange about their work, develop their research skills, and be part of a supportive community.

The webinar series aims at creating a safe environment where students can practice presenting their research, receive constructive feedback from their peers, and exchange on the difficulties encountered during their research journey.

The first webinar, taking place on December 9, 2021, 1 - 2:30pm (CET), will allow students to meet and introduce themselves, as well as to collectively discuss and decide how this webinar series can best support their research activities.

Publications

Featured Publications

Six modes of co-production for sustainability (2021, Nature Sustainability)

The promise of co-production to address complex sustainability challenges is compelling. Yet, co-production, the collaborative weaving of research and practice, encompasses diverse aims, terminologies and practices, with poor clarity over their implications. To explore this diversity, we systematically mapped differences in how 32 initiatives from 6 continents co-produce diverse outcomes for the sustainable development of ecosystems at local to global scales. We found variation in their purpose for utilizing co-production, understanding of power, approach to politics and pathways to impact. A cluster analysis identified six modes of co-production: (1) researching solutions; (2) empowering voices; (3) brokering power; (4) reframing power; (5) navigating differences and (6) reframing agency. No mode is ideal; each holds unique potential to achieve particular outcomes, but also poses unique challenges and risks. Our analysis provides a heuristic tool for researchers and societal actors to critically explore this diversity and effectively navigate trade-offs when co-producing sustainability.

[Read the paper](#)

The Political Economy of (Un)Sustainable Production and Consumption: A Multidisciplinary Synthesis for Research and Action (2021, Resources, Conservation and Recycling)

Despite widespread recognition of the need to transition toward more sustainable production and consumption and numerous initiatives to that end, global resource extraction and corresponding socio-ecological degradation continue to grow. Understanding the causes of this persistent failure is a necessary step towards more effective action. This article contributes to that understanding by synthesizing theory and evidence that links unsustainable production-consumption systems to power and inequality. While sustainable consumption and production research and action mostly focuses on technological or behavioral change, the socio-ecological inequalities driving production-consumption systems built into the organization of our global political economy, remain largely overlooked. In response, we propose a structural political economy orientation that seeks explicitly to reduce these inequalities and advance environmental justice and, thus, create the conditions for sustainable production-consumption systems. We then propose three important arenas of research and action towards sustainable production-consumption systems: justice, governance, and co-production of knowledge and action [...].

[Read the paper](#)

Other Publications

Environmental and Energy implications of Meat Consumption Pathways in Sub-Saharan Africa (2021, Sustainability)

Read the paper [here](#)

The climate benefits, co-benefits, and trade-offs of green infrastructure: A systematic literature review (2021, Journal of Environmental Management)

Read the paper [here](#)