INTERNATIONAL CONFERENCE

Sustainability Futures 2027

International Conference on Sustainability Science

Science, Innovation and Partnerships for a Resilient and Regenerative Future

JANUARY 22–23, 2027
University of Toyama, Toyama, Japan



CONNECTING SCIENCE, PEOPLE AND SOLUTIONS

Join researchers, students, young innovators, industry representatives, policymakers and practitioners from Japan and around the world to advance resilient and regenerative futures

YOUTH4FUTURE | CALL FOR ABSTRACTS
Global Youth Sustainability Forum - Oral & Poster Presentations (*Submission Link*)

Organized by
UT-INSPIRE and the Global Research Centre for Advanced Sustainability Science (GRASS), University of Toyama

International partner
Indian Institute of Technology Kharagpur, India

Science for Sustainable Futures

BACKGROUND AND RATIONALE

Interconnected challenges, including climate change, biodiversity loss, resource insecurity, demographic shifts, and inequality, call for integrated responses. Advances in science, artificial intelligence, clean energy, and social innovation offer new opportunities to address them. As 2030 approaches, sustainability science must translate knowledge into inclusive, scalable, and locally relevant solutions through collaboration across disciplines and sectors. In this context, the University of Toyama will host *Sustainability Futures 2027: International Conference on Sustainability Science,* organized under UT-INSPIRE. The conference will bring together researchers, students, youth, industry representatives, policymakers, and practitioners from around the world to connect interdisciplinary research, graduate education, and international partnerships. Its single-track format will foster sustained dialogue, knowledge exchange, and collaboration to shape sustainable futures.

CONFERENCE THEME

Science, Innovation, and Partnerships for a Resilient, Regenerative Future

Sustainability Futures 2027 explores how science, innovation, and partnerships can restore ecosystems, build resilient communities, and transform food, water, and energy systems to create an inclusive, sustainable future.

CONFERENCE OBJECTIVES

o Share emerging knowledge and innovations in sustainability science.
o Advance solutions across disciplines and sectors.
o Empower students, early-career researchers, and tomorrow's sustainability leaders.
o Explore the opportunities and risks of AI and digital technologies.
o Bring science, industry, policy, and communities together to drive real-world action.
o Build international partnerships in research, education, and innovation.

FIVE SCIENTIFIC THEMES

01 **Climate Change, Biodiversity & Planetary Resilience**
Climate adaptation and mitigation, extreme events, disaster risk reduction, ecosystem restoration, nature-based solutions and planetary health

02 **Food, Water, Agriculture & Sustainable Resource Systems**
Food and water security, regenerative agriculture, the water-energy-food-ecosystem nexus, land use, rural livelihoods and natural resource management

03 **Oceans, Coasts, Communities & Regional Resilience**
Ocean sustainability, fisheries, coastal ecosystems and livelihoods, blue economy, land-sea interactions and community resilience

04 **Sustainable Cities, Demographic Change & Inclusive Societies**
Urban-rural linkages, aging populations, migration, rural revitalization, health, environmental justice and sustainability governance

05 **Circular Economy, Energy & Sustainability Transitions**
Sustainable production and consumption, resource efficiency, renewable energy, decarbonization, supply chains, green innovation and transitions

CROSS-CUTTING PERSPECTIVES

Governance and policy; climate justice; education and living labs; indigenous and local knowledge; transdisciplinary research; entrepreneurship; sustainability assessment; and science-policy-society partnerships.

Two days of programme

PROPOSED PROGRAMME

Japan Standard Time (JST)

DAY 1 | JANUARY 22
Global challenges & scientific frontiers

09:00	Opening Ceremony
09:20	**Opening Keynote:** Sustainability Science in a Changing World
09:50	**International Keynote:** Beyond 2030
10:20	Tea / coffee, posters, networking and photo session
10:40	**Scientific Session 1:** Climate Change, Biodiversity & Planetary Resilience
12:10	Lunch, posters and networking
13:10	**Scientific Session 2:** Food, Water, Agriculture & Sustainable Resource Systems
14:40	Tea / coffee, posters and networking
15:00	**Scientific Session 3:** Oceans, Coasts, Communities & Regional Resilience
16:30	Day 1 synthesis and discussion
17:00	Day 1 concludes

DAY 2 | JANUARY 23
Transformations & partnerships

09:00	Opening Keynote
09:15	**Scientific Session 4:** Sustainable Cities, Demographic Change & Inclusive Societies
10:45	Tea / coffee, posters and networking
11:05	**Scientific Session 5:** Circular Economy, Energy & Sustainability Transitions
12:35	Lunch, posters and networking
13:30	AI & Digital Transformation for Sustainable Futures
14:10	**Global Youth Sustainability Forum:** Youth4Future *(Submission link)* ***Oral Presentation*** Youth Ideas for a Sustainable Future
15:50	Tea / coffee, posters and networking
16:20	**Panel Discussion** Youth Voices for Global Change
17:20	Award Ceremony
17:30	Conference synthesis & closing remarks

POSTER PRESENTATION & NETWORKING FORUM

Posters will be displayed throughout the two-day conference, with dedicated discussions during tea / coffee and lunch breaks. Programme timings are proposed and subject to confirmation.

GLOBAL YOUTH SUSTAINABILITY FORUM

Youth4Future

Shaping the Sustainability Future We Want

January 23, 2027 • University of Toyama, Japan



Your voice. Your ideas. Our Future.

An International platform for students, early-career researchers, young innovators and emerging sustainability leaders

CALL FOR ABSTRACTS

Selected abstracts will be accepted for **Oral** or **Poster** presentation under **Youth4Future**

Presentation

Oral Presentation
(15-min presentation, 3-min discussion)

Poster Presentation
(A0 portrait - 841 x 1189 mm, dedicated for discussion and networking)

Publication Opportunity

Springer edited book

Selected contributors may be invited to develop full chapters. Publication is subject to separate editorial and review processes

Recognition & Awards

The conference may presents

- Best Scientific Presentation Award
- Best Poster Presentation Award
- Early-career Researcher Award

The conference themes are based on the five sustainability themes presented on page 2

IMPORTANT DATES

Abstract submission deadline	*Notification of acceptance*
November 20, 2026	**November 30, 2026**

SCAN TO SUBMIT ABSTRACT

Contact: utinspire2026@gmail.com

UT-INSPIRE | GRASS | University of Toyama | IIT-Kharagpur