# 30<sup>th</sup> International Geographical Conference of Taiwan (IGCT)

**（CFP First circular）**

## Geography in Transition: Navigating a New Era of AI, Sustainability, and Education

Conference Date: April 18-19, 2026

Conference Venue: National Taiwan Normal University

（Due date for abstract submission: September 19, 2025）

The 2026 30th International Geographical Conference of Taiwan (IGCT 2026) will be hosted by the Department of Geography at National Taiwan Normal University. This gathering offers a rich intellectual platform for geographers, researchers, students, government agencies, civil society organizations, and practitioners to explore contemporary geographic issues and showcase recent advances in geographic research in Taiwan.

This year's conference theme centers on the transformation of geography research and education amid a rapidly evolving world. The expanding role of artificial intelligence is reshaping our profession in complex and profound ways, presenting both promising opportunities and significant risks. At the same time, we face a period marked by multiple overlapping crises including the climate crisis, armed conflicts, famines, and global economic instability that demand urgent and thoughtful responses. These challenges compel us to fundamentally rethink geographic research, education, and pedagogy. We must critically re-examine our approaches by adopting critical pedagogies and research methods that challenge and transform the normative, analytical, and ethical frameworks underpinning geographic knowledge production. At the same time, it is essential to responsibly integrate new technologies such as AI and advanced data sciences while maintaining a reflective and critical stance toward their implications and limitations.

The conference raises important questions: How can our scientific discipline—both in research and education—remain relevant and impactful amid today's global challenges? **How should we transform geographic research methods and pedagogies to meet the needs of this new era? How can we integrate emerging technologies while also preparing students to become responsible, critical, and engaged global citizens?**

This year's theme highlights geography as a discipline and field of knowledge in transition. We welcome contributions from all subfields of geography to join this important and timely dialogue. The conference sub-themes are broad and diverse, reflecting the richness and complexity of contemporary geography in Taiwan and beyond. We encourage the submission of research papers, case studies, and empirical findings to be part of this exciting and engaging event.

Conference Sub-Themes:

**1. Geography and Emerging Technologies**
- Geography and Artificial Intelligence
- AI and Geographical Data Sciences
- Remote Sensing and Its Applications
- Quantum Computing and Complexity in Geographic Research

**2. Climate Change Sciences: Observations and Projections**
- Atmosphere and Oceans
- Terrain and Hydrology
- Ecosystems
- Sensing and Application of Climate Change Knowledge Production
- e-DNA and Environmental Sciences
- e-DNA for Island Resilience
- e-DNA for Knowledge Production and Application

**3. Environmental Change, Hazards, and Resilience**
- Environmental Disasters and Risk Assessments
- Environmental Hazards and Social Risk Analysis
- Resilient Communities and Sustainable Societies
- Ecosystem Services and Environmental Resilience

**4. Adaptation and Sustainability**
- Adaptation Behaviors and Adaptation Techniques
- Clean Energy and Green Inflation
- Challenges of Net-Zero Emissions and Economic Transformation
- ESG (Environmental, Social, and Governance) of Enterprises
- Food Security and Resilient Agriculture
- Zero-Net and Economic Structural Transformation

**5. Justice, Ethics, and Education**
- Just Transition, Intergenerational Justice, and Climate Justice
- Environmental Ethics and Environmental Education
- Sense, Perception, and Environmental Education
- Senses, Memory, and Identity
- Geographical education and AI

**6. Culture, Senses, and Society**
- Soundscapes, Olfactory Environments, and Cultural Landscapes
- Sensory Culture and Human Social Development
- Senses and Traditional Cultural Wisdom
- Living, Gathering, Hunting, and Indigenous Cultures
- Landscape Therapy
- Human Social Ecology
- Population, Migration, and Sensory Sciences

**7. Political and Indigenous Dimensions**
- Environmental Change and Political Ecology
- Research Achievements in Indigenous Geography
  ○ Echoes from Traditional Knowledge and Wisdom

**8. Frontiers of Transdisciplinary Geography**
- Frontier Topics in Transdisciplinary Geography

## Call for Papers

We are now accepting paper submissions for the **2026 Geography Conference**, to be held at **National Taiwan Normal University on April 18–19, 2026**. We warmly invite researchers, scholars, and practitioners to submit their work and join in meaningful exchange on advancing geographic and environmental knowledge, while opening up new directions in cutting-edge research. The conference program includes paper presentations, workshops, panel discussions, and a student competition. Scholars, policymakers, educators, and students are warmly invited to participate.

This conference welcomes contributions from all subfields of geography, as well as related disciplines in the humanities, social sciences, natural sciences, and technology. The organizing committee especially encourages submissions that foster transdisciplinary dialogue and collaboration, with a focus **on the transitions shaping geography in this new era. We therefore encourage participants to look forward explicitly and explore innovative perspectives and approaches. Put differently, as we lead efforts to redefine, rethink, and transform geography both in Taiwan and globally, we must ask: where do we go from here?**

In addition to paper presentations, scholars and experts are invited to propose **self-organized panels, workshops and forums** to enrich the conference program. Please submit your panel proposal before the deadline.

### Outstanding Paper Awards

Participants are invited to apply for the following awards:

Outstanding Paper Award for Students and Early-Career Scholars

**Full paper submission deadline for award consideration: March 27, 2026 (Friday)**

### Publication Opportunity:

The organizing committee will recommend high-quality papers for consideration in a regular issue of the Journal of Geographical Research following peer review.

### Organizer:
### Department of Geography, NTNU

Website : https://www.geo.ntnu.edu.tw/index.php/igct2026/

Contact : Ms. Chiu   Tel : 886-2-77491654

**Key Dates and Submission Deadlines (first round)**

**Deadline for abstract submission and panel proposals, and online registration:**
**September 19, 2025 (Friday)**
Please complete the online registration form including all authors' names, paper title, abstract, and your selected topic category.

**Notification of paper/panel acceptance:**
**September 30, 2025 (Tuesday)**

**Deadline for full paper submission:**
**March 27, 2026 (Friday)**

**Conference dates:**
**April 18–19, 2026 (Saturday–Sunday)**