

PRESIDENT'S MESSAGE

*Reading the Memory of Landforms,
Connecting Past to Future.
The Role and Contribution of JGU*

Landforms, as a visible element of the landscape, have long been recognized in geography as a fundamental component of nature. Since the 18th century, they have been studied scientifically, primarily in geography and geology. At the same time, in connection with modern infrastructure and daily life, geomorphological research has also developed in engineering and agriculture, with a focus on planning, construction, and management.



Hiroshi SHIMAZU
President

The Japanese Geomorphological Union (JGU) was established to bring these diverse perspectives together in a single forum. The term "Union" here does not refer to a federation of academic societies, but rather to a shared space where landforms, which have been discussed in separate communities, can be examined together.

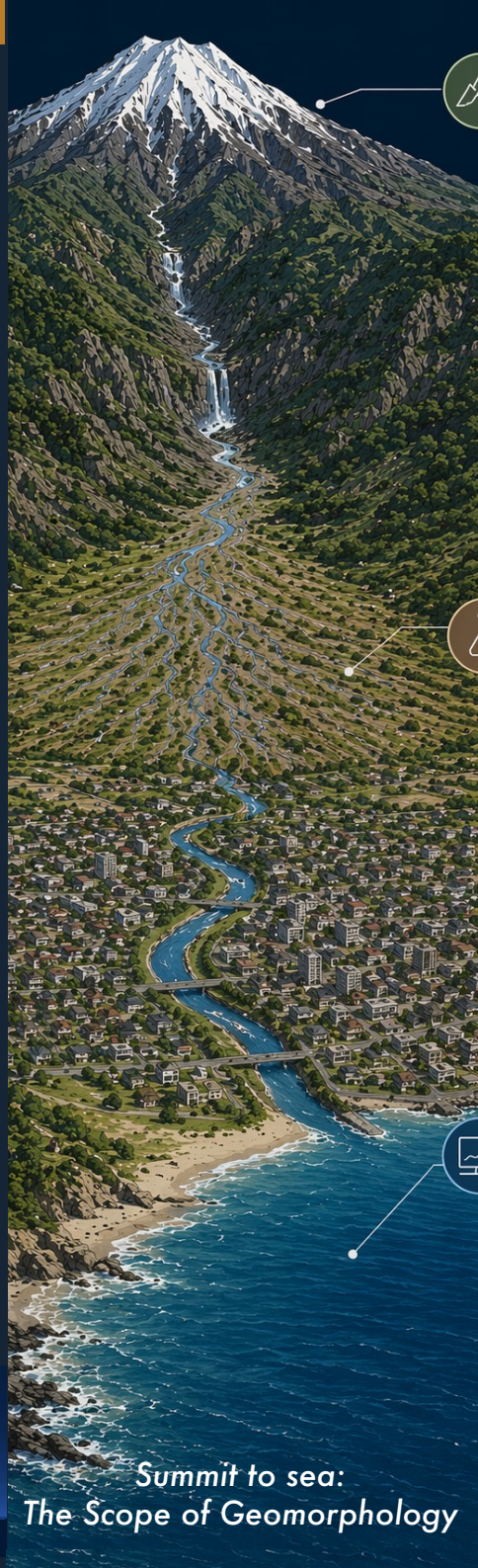
Landforms are not only a foundation of the natural environment, but their changes are also closely interlinked with global environmental change and with transformations in ecosystems and biota.

As a meeting place for all who engage with landforms, and as a platform for sharing geomorphological knowledge, JGU is committed to advancing the field and contributing to both the Earth and local communities. Join us in exploring landforms together.

HISTORY

- **1979** JGU founded (October 6) by 8 co-founders (Eiju Yatsu, Masashige Hirano, et al.)
- **1980** Journal "Chikei" (Transactions JGU) first published (Vol. 1, No. 1, July)
- **1984** TJGU shifted to 4 issues/year (from Vol. 4) Full-scale letterpress printing
- **2000** Digital printing of TJGU with color photo covers
- **2001** IAG 5th International Conference on Geomorphology held at Chuo Univ. (August)
- **2019** Registered as a General Incorporated Association (April 1).

Office: c/o DPRI, Kyoto University
office@japangeomorphology.org



Summit to sea:
The Scope of Geomorphology



1. フィールド調査 Field Survey

自然環境におけるデータ収集
Data collection in natural environments

- 地形・地質調査
Geomorphology
- 水文観測
Hydrology
- 堆積物サンプリング
Sediment sampling
- 露頭観察
Rock outcrops

山地から流出する河川が刻む大地は、地殻変動や風化・侵食プロセスを記録する。

Fluvial landscapes carved by rivers flowing from mountains record tectonic movements and weathering and erosion processes.



2. 室内分析 Laboratory Analysis

実験によるプロセス理解
Process understanding through experiments

- 粒度分析
Grain size analysis
- 鉱物分析
Mineralogy
- 地球化学分析
Geochemistry
- 物性評価
Physical properties

扇状地や氾濫原、平野に残る堆積物は、運搬・堆積の過程を露わにする。

Sediments in alluvial fans, floodplains, and plains reveal the processes of transport and deposition.



3. 理論・モデリング Theory & Modeling

定量的な統合と予測
Quantitative synthesis and prediction

- 数値モデル
Numerical models
- 流域解析
Basin analysis
- 侵食・堆積モデル
Erosion & deposition models
- 海面変動シナリオ
Sea-level change scenarios

観測・分析・モデルを統合し、地形の変遷と将来変化を予測する。

Integrating observations, analyses, and models, we predict landscape evolution and future changes.

JGU



一般社団法人

日本地形学連合

Japanese Geomorphological Union

Membership

Regular Member	¥9,000 / year
Student Member	¥4,000 / year
Supporting Member	¥15,000 / year



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ABOUT JGU

Connecting People with Earth through Geomorphology

JGU is an academic society based in Japan dedicated to the advancement and dissemination of geomorphology and its related disciplines. Centered on the study of the forms and formative processes of Earth's surface, from mountain ranges to the seafloor, JGU members explore the natural environment through diverse approaches including field surveys, laboratory experiments, numerical analysis, and remote sensing.

Membership is open to anyone with an interest in landforms: researchers, engineers, educators, students, and members of the general public alike.

Mountain & slope	Fluvial	Coastal & Submarine
Volcanic & Tectonic	Glacial & Periglacial	Disaster prev. & mitigation

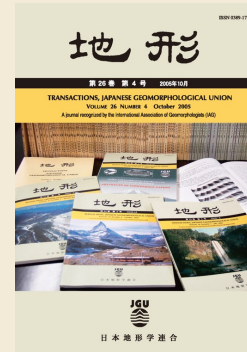


PUBLICATION

Academic Journal
地形 (Chikei)

Transactions, Japanese Geomorphological Union

Founded in 1980. Publishes original research articles, reviews, and book reviews in geomorphology. An IAG-recognized journal indexed in Scopus (Elsevier). Full-text PDFs are open-access on J-STAGE (after a one-year embargo period: JGU members have immediate access).



Frequency

2 issues / year

CiteScore

0.3 (2023)

Indexed in

Scopus (Elsevier)

Founded in

1980

ACADEMIC CONFERENCES

May JpGU Sessions

JGU-organized and co-organized sessions at the Japan Geoscience Union Meeting (Makuhari Messe). A vibrant international exchange venue.

Autumn JGU Annual Meeting

Held at universities across Japan. Oral/poster presentations, symposia, and field excursions. In 2026: Kyoto University Uji Campus.

Ongoing Symposia & Workshops

Working groups and co-sponsored events, held year-round.

OUTREACH

Host

JGU Geomorphology School

Lectures by senior researchers, hands-on landform observation workshops, and field excursions in nature-rich settings. A popular learning program, held annually across Japan.



Exhibit

Summer School for Girls in Geosciences

A summer program for female junior/senior high school students, designed to nurture interest in science and geoscience. Young participants explore geomorphology through lab experiments and dialogue with researchers.

SOCIAL CONTRIBUTION & INTERNATIONAL COOPERATION

JpGU

Japan Geoscience Union (JpGU)

As a member society of JpGU (the federation for earth and planetary science), JGU organizes and co-organizes sessions at the annual meeting, engaging with Japan's largest earth science community.

Disaster Risk Reduction

Academic Network for Disaster Reduction (JANET-DR)

JGU is a member of JANET-DR, collaborating with related academic societies, government, and the public to apply geomorphological knowledge to disaster prevention and national resilience.

IAG

International Association of Geomorphologists (IAG)

JGU connects with the global geomorphology community across 70+ countries. The journal *Chikei* (Trans. JGU) is internationally recognized as an IAG-endorsed journal.