

地理研究
80 期 2024 年 11 月出版
(半年刊，1975 年 1 月創刊)

JOURNAL OF GEOGRAPHICAL RESEARCH
NO.80, November 2024
(Biannual, Published Since 1975)

發行人：國立臺灣師範大學地理學系
出版者：國立臺灣師範大學地理學系
地 址：中華民國臺北市和平東路一段一六二號
電 話：02-77491650；02-77491655
傳 真：02-23691770
網 址：<https://www.geo.ntnu.edu.tw>
印製者：彩之坊科技股份有限公司
地 址：新北市中和區中山路二段 323 號
著作權歸屬：國立臺灣師範大學地理學系
GPN 2006400006
ISSN 1019-6684
版權所有 翻印必究

Publisher: Department of Geography
National Taiwan Normal University
Address: 162, Section 1, Heping E. Rd.,
Department of Geography,
National Taiwan Normal University,
Taipei, Taiwan, R.O.C. (10610)
Tel.: +886-2-77491650；+886-2-77491655
Fax.: +886-2-23691770
E-mail: jgr@deps.ntnu.edu.tw
Website: <https://www.geo.ntnu.edu.tw>
GPN 2006400006
ISSN 1019-6684
Copyright ©2007 by Department of Geography,
National Taiwan Normal University. Written permission
must be obtained from the publisher for reprints.

定價：工本費新台幣 250 元

地 球 研 究

第八十期，2024年11月

主 編
李宗祐

編輯委員
丁志堅、王文誠、王聖鐸、何立德、吳秉昇、李載鳴、
林潤華、涂建翊、張峻嘉、郭乃文、黃誌川

英文編輯
莫家俊

編輯助理
邱淑雯、邱繼成

國際編輯委員

Eric Clark	Lund University, Sweden
Elena De'llagnese	University of Milano-Bicocca, Italy
Marwan Hassan	University of British Columbia, Canada
Toshiaki Ichinose	National Institute for Environmental Studies, Japan
Nobuyuki Iwama	Ibaraki Christian University, Japan
Kyu-Won Kim	Korea Culture and Tourism Institute, Korea
Mike Meadows	University of Cape Town, South Africa
Gerard Persoon	Leiden University, Netherlands
Beate M. W. Ratter	University of Hamburg, Germany
HerveRegnault	University of Rennes, France
Geok-Chin Ivy Tan	Nanyang Technology University, Singapore
Takashi Yamasaki	City University of Osaka, Japan

(姓氏依筆劃順序排列)

發行人：國立臺灣師範大學地理學系
出版者：國立臺灣師範大學地理學系
地 址：中華民國臺北市和平東路一段一六二號
網 址：<https://www.geo.ntnu.edu.tw/>

Journal of Geographical Research

No.80, November 2024

Editor-in-Chief

Tsung-Yu Lee

Editorial Board

Tsu-Jen Ding, Wen-Cheng Wang, Sendo Wang, Lih-Der Ho, Bing-Sheng Wu, Tsai-Ming Lee,
Jun-hua Lin, Jien-Yi Tu, Chun-Chia Chang, Nae-Wen Kuo, Jr-Chuan Huang

English Editor

Mucahid Mustafa Bayrak

Assistant Editor

Shu-Wen Chiu, Chi-Cheng Chiu

International Editorial Board

Eric Clark	Lund University, Sweden
Elena De'llagnese	University of Milano-Bicocca, Italy
Marwan Hassan	University of British Columbia, Canada
Toshiaki Ichinose	National Institute for Environmental Studies, Japan
Nobuyuki Iwama	Ibaraki Christian University, Japan
Kyu-Won Kim	Korea Culture and Tourism Institute, Korea
Mike Meadows	University of Cape Town, South Africa
Gerard Persoon	Leiden University, Netherlands
Beate M. W. Ratter	University of Hamburg, Germany
HerveRegnault	University of Rennes, France
Geok-Chin Ivy Tan	Nanyang Technology University, Singapore
Takashi Yamasaki	City University of Osaka, Japan

Published by:

Department of Geography
National Taiwan Normal University
No, 162, Section 1, Heping E. Rd.
Taipei City, Taiwan 106
Republic of China

ISSN 1019-6684