

NEW IN 2014 – SUBMIT YOUR PAPER

# ASIAN JOURNAL OF LAW AND SOCIETY

## Editors-in-Chief

Professor Setsuo Miyazawa, *Aoyama Gakuin University, Japan*

Professor David Engel, *State University of New York, USA*

Professor Tom Ginsburg, *University of Chicago, USA*

Professor Weidong Ji, *Shanghai Jiao Tong University, China*

Professor Jan-Michiel Otto, *Leiden University, Netherlands*

The *Asian Journal of Law and Society* adds an increasingly important Asian perspective to global law and society scholarship. This independent, peer-reviewed publication encourages empirical and multi-disciplinary research and welcomes articles on law and its relationship with society in Asia, articles bringing an Asian perspective to socio-legal issues of global concern, and articles using Asia as a starting point for a comparative exploration of law and society topics. Its coverage of Asia is broad and stretches from East Asia, South Asia and South East Asia to Central Asia.

Find out how to submit your paper here

[journals.cambridge.org/asianjls](http://journals.cambridge.org/asianjls)



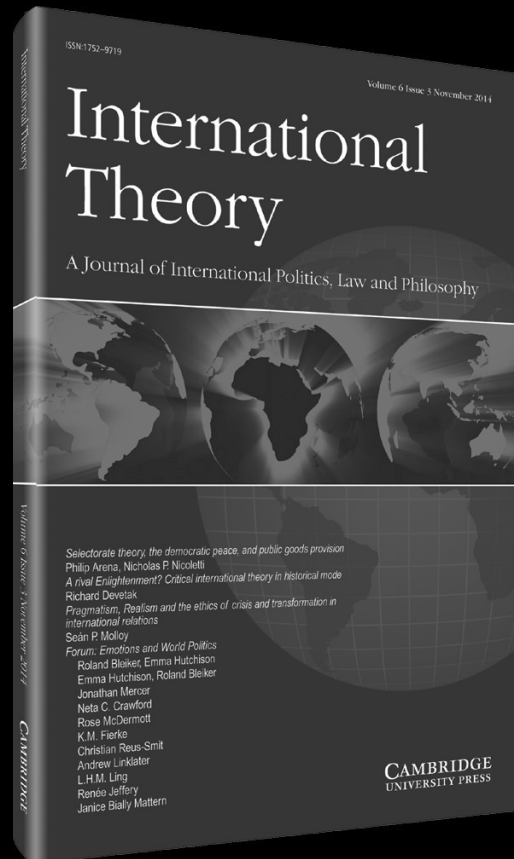
**CAMBRIDGE**  
UNIVERSITY PRESS

# International Theory

A journal of international politics, law and philosophy

*International Theory* promotes theoretical scholarship about the positive, legal, and normative aspects of world politics respectively. The journal is open to theory of absolutely all varieties and from all disciplines, provided it addresses problems of politics and pertains to the international.

The selection of papers below showcases some of the best articles on international law from the first six volumes of the journal.



- **Interactional international law: an introduction**  
– *Jutta Brunnée and Stephen J. Toope*
- **Categorical obligation in international law**  
– *Harry Gould*
- **Ethics and international law: integrating the global justice project(s)**  
– *Steven Ratner*

Access these articles free of charge here

[journals.cambridge.org/it/law](http://journals.cambridge.org/it/law)



**CAMBRIDGE**  
UNIVERSITY PRESS

### Advisory Board

- H. Brinkhuis, Laboratory of Palaeobotany and Palynology, Dept of Earth Sciences, Utrecht University, Budapestlaan 4, 3584 CD Utrecht, the Netherlands. Also at: Royal Netherlands Institute for Sea Research NIOZ, P.O. Box 59, 1790 AB Den Burg, Texel, the Netherlands
- S.A.P.L. Cloetingh, Tectonics Group, Dept of Earth Sciences, Utrecht University, Budapestlaan 4, 3584CD Utrecht, the Netherlands
- G. de Lange, Geochemistry Group, Dept of Earth Sciences, Utrecht University, Budapestlaan 4, 3584 CD Utrecht, the Netherlands
- Ph. Gibbard, Department of Geography, University of Cambridge, Downing Place, Cambridge CB2 3EN, United Kingdom
- H. Middelkoop, Global Change Geomorphology Group, Dept Physical Geography, Utrecht University, P.O. Box 80015, 3508 TC Utrecht, the Netherlands
- H. Renssen, Earth and Climate Cluster, Dept of Earth Sciences, VU University Amsterdam, De Boelelaan 1085, 1081 HV Amsterdam, the Netherlands
- J. Rose, Department of Geography, Royal Holloway University of London, Egham, Surrey TW20 0EX, United Kingdom
- J. B. Stuut, Royal Netherlands Institute for Sea Research NIOZ, P.O. Box 59, 1790 AB Den Burg, Texel, the Netherlands
- N. Vandenbergh, Institute of Earth Sciences, Leuven University, Redingenstraat 16bis, B-3000 Leuven, Belgium
- B. van Geel, Institute for Biodiversity and Ecosystem Dynamics, Department of Palaeoecology and Landscape Ecology, University of Amsterdam, Science Park 904, 1098 XH Amsterdam, the Netherlands.
- M.J. van der Meulen, TNO – Geological Survey of the Netherlands, P.O. Box 80015, 3508 TA Utrecht, the Netherlands

### Editorial Board

See <http://journals.cambridge.org/NJG>

### Access to NJG online

From 2014, Netherlands Journal of Geosciences is published online at <http://journals.cambridge.org/NJG> Subscribers receive access to all content from 2009.

### Copyright

© *Stichting Netherlands Journal of Geosciences.*

### Copying

This journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, USA ([www.copyright.com](http://www.copyright.com)). Organizations in the USA who are also registered with CCC may therefore copy material (beyond the limits permitted by sections 107 and 108 of US copyright law) subject to payment to CCC. This consent does not extend to multiple copying for promotional or commercial purposes. ISI Tear Sheet Service, 3501 Market Street, Philadelphia, PA 19104, USA, is authorized to supply single copies of separate articles for private use only. Organizations authorized by the Copyright Licensing Agency may also copy material subject to the usual conditions.

For all other use, permission should be sought from Cambridge University Press.

**Cover Image:** November 2007 storm surge eroding the western Netherlands coastal dunes near Bergen aan Zee. During the surge event, the foredune was forced back almost 10 m. This revealed a thick sedimentary archive showing evidence of Holocene coastal processes and events. Photo by: Marcel Bakker, TNO - Geological Survey of the Netherlands.

# Netherlands Geologie en Mijnbouw Journal of Geosciences

Contents Volume 95, Issue 3

September 2016

Editorial Jasper Griffioen & Ton Wildenborg	215
Foreword E.V. Verhoef & E.A.C. Neeft	217
The Rupel Clay Member in the Netherlands: towards a comprehensive understanding of its geometry and depositional environment Geert-Jan Vis, Hanneke Verweij & Mariëlle Koenen	221
Spatial variation in porosity and permeability of the Rupel Clay Member in the Netherlands Hanneke Verweij, Geert-Jan Vis & Elke Imberechts	253
Characterisation of the geochemical heterogeneity of the Rupel Clay Member in the Netherlands M. Koenen, & J. Griffioen	269
Imaging septaria geobody in the Boom Clay using a <i>Q</i> -compensated reverse-time migration J.M. Carcione, T. Zhu, S. Picotti & D. Gei	283
Microstructural characterisation of the Ypresian clays (Kallo-1) at nanometre resolution, using broad-ion beam milling and scanning electron microscopy S. Hemes, G. Desbois, J. Klaver & J.L. Urai	293
First assessment of the pore water composition of Rupel Clay in the Netherlands and the characterisation of its reactive solids Thilo Behrends, Iris van der Veen, Alwina Hoving & Jasper Griffioen	315
Far-field transport modelling for a repository in the Boom Clay in the Netherlands J.R. Valstar & N. Goorden	337
The composition of groundwater in Palaeogene and older formations in the Netherlands. A synthesis Jasper Griffioen, Hanneke Verweij & Roelof Stuurman	349

ISSN 0016-7746

Cambridge Journals Online  
For further information about this journal  
please go to the journal web site at:  
[journals.cambridge.org/njg](http://journals.cambridge.org/njg)



MIX  
Paper from  
responsible sources  
FSC® C007785

CAMBRIDGE  
UNIVERSITY PRESS