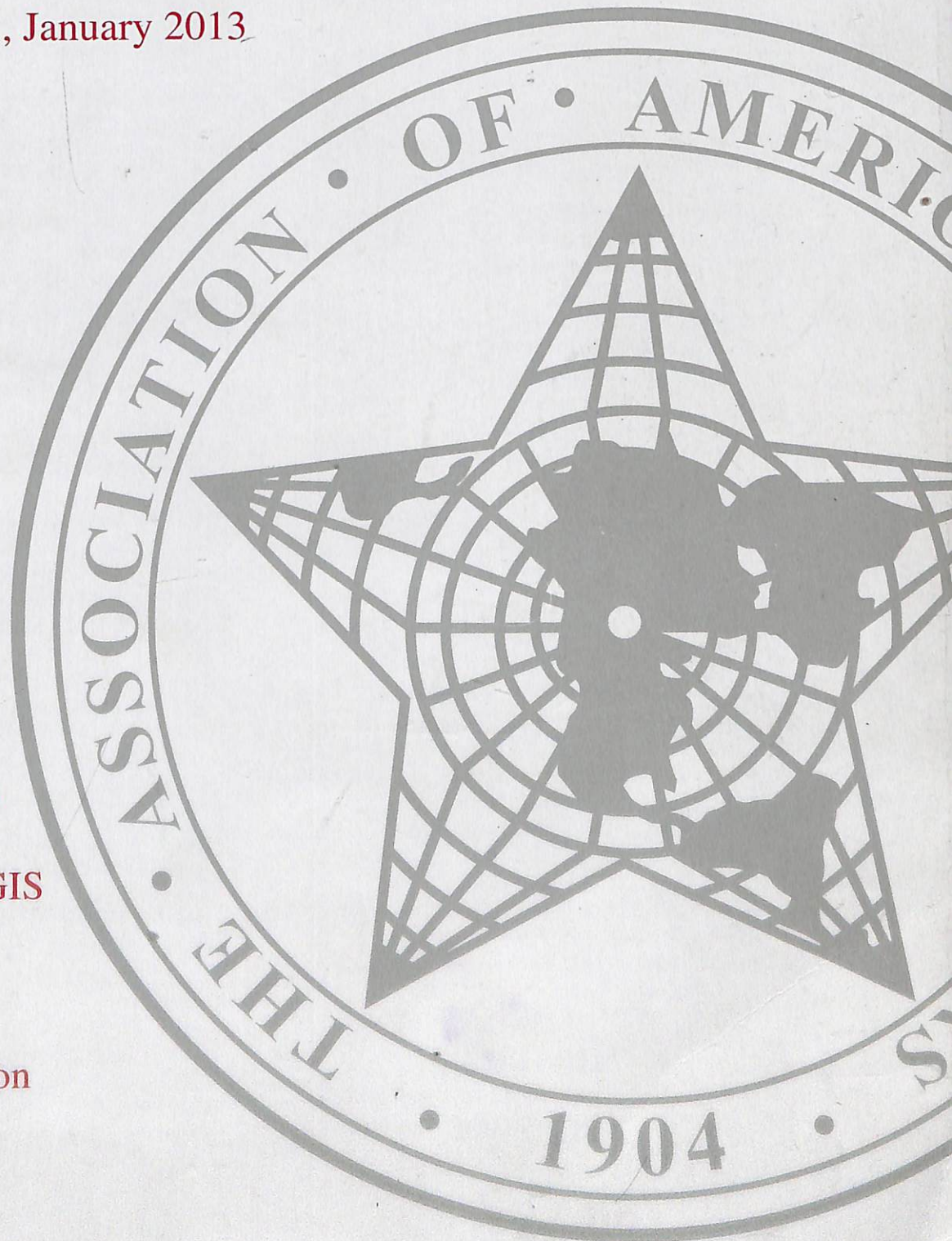


Annals of the Association of American Geographers

Volume 103, Number 1, January 2013

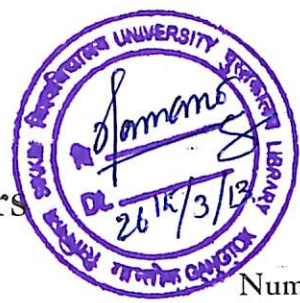


Environmental Sciences

Methods, Models, and GIS

Nature and Society

People, Place, and Region



In Memoriam

- 1 *Maynard Weston Dow (1929–2011) and “Geographers on Film”*
Geoffrey J. Martin

Environmental Sciences

- 5 *Is Wildland Fire Increasing in Sagebrush Landscapes of the Western United States?*
William L. Baker

Methods, Models, and GIS

- 20 *Modeling Geographic Behavior in Riotous Crowds*
Paul M. Torrens and Aaron W. McDaniel
- 47 *Accounting for Spatial Autocorrelation in Linear Regression Models Using Spatial Filtering with Eigenvectors*
Jonathan B. Thayn and Joseph M. Simanis
- 67 *Using High-Resolution Population Data to Identify Neighborhoods and Establish Their Boundaries*
Seth E. Spielman and John R. Logan
- 85 *Access to Primary Health Care: Does Neighborhood of Residence Matter?*
Scott Bell, Kathi Wilson, Laura Bissonnette, and Tayyab Shah
- 106 *Principal Component Analysis on Spatial Data: An Overview*
Urška Demšar, Paul Harris, Chris Brunson, A. Stewart Fotheringham, and Sean McLoone

Nature and Society

- 129 *Migration, Acculturation, and Environmental Values: The Case of Mexican Immigrants in Central Iowa*
Eric D. Carter, Bianca Silva, and Graciela Guzmán
- 148 *From “Primitive Migration” to “Climate Refugees”: The Curious Fate of the Natural Environment in Migration Studies*
Etienne Piguet

People, Place, and Region

- 163 *Postcolonial Imaginations: Approaching a “Fictionable” World through the Novels of Maryse Condé and Wilson Harris*
Patricia Noxolo and Marika Preziuso
- 180 *To Storm the Citadel: Geographies of Protest at the Summit of the Americas in Québec City, April 2001*
Maxime Lessard-Lachance and Glen Norcliffe
- 195 *The Migration Dynamics of the “Creative Class”: Evidence from a Study of Artists in Stockholm, Sweden*
Thomas Borén and Craig Young
- 211 *Neoliberalization, Transnational Migration, and the Varied Landscape of Economic Subjectivity in the Totonacapan Region of Veracruz*
Jeff Popke and Rebecca Maria Torres
- 230 *Reproducing Everyday Peace in North India: Process, Politics, and Power*
Philippa Williams

Book reviews formerly published in the *Annals of the Association of American Geographers* will now be published in *The AAG Review of Books*.



Introduction

- 251 *Geographies of Water*
Mark A. Fonstad

Water Supply and Management

- 253 *Neoliberal Versus Postneoliberal Water: Geographies of Privatization and Resistance*
Karen Bakker
- 261 *Into the Sea: Desalination as Hydro-Social Fix in Spain*
Erik Swyngedouw
- 271 *Can Participation Change the Geography of Water? Lessons from South Africa*
Julia Brown
- 280 *Water Security and Adaptive Management in the Arid Americas*
Christopher A. Scott, Francisco J. Meza, Robert G. Varady, Holm Tiessen, Jamie McEvoy, Gregg M. Garfin, Margaret Wilder, Luis M. Farfán, Nicolás Pineda Pablos, and Elma Montaña
- 290 *River Federalism*
Martin W. Doyle, Rebecca Lave, Morgan M. Robertson, and Julia Ferguson

The Geographies of Water Quality

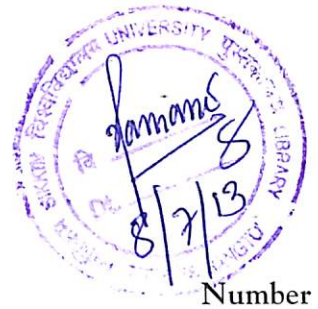
- 299 *Influence of Latrine Proximity and Type on Tubewell Water Quality and Diarrheal Disease in Bangladesh*
Veronica Escamilla, Peter S. K. Knappett, Mohammad Yunus, P. K. Streatfield, and Michael Emch
- 309 *Optical Water Quality of Inland Waters: A Landscape Perspective*
Jason P. Julian, Robert J. Davies-Colley, Charles L. Gallegos, and Trung V. Tran
- 319 *The Link Between Polycentrism and Adaptive Capacity in River Basin Governance Systems: Insights from the River Rhine and the Zhujiang (Pearl River) Basin*
André R. da Silveira and Keith S. Richards

Hazards, Risks, and Human-Waterscape Interactions

- 330 *Explaining Rapid Transitions in the Practice of Flood Risk Management*
Stuart N. Lane, Valerie November, Catharina Landström, and Sarah Whatmore
- 343 *The Participatory Vulnerability Scoping Diagram: Deliberative Risk Ranking for Community Water Systems*
Peter D. Howe, Brent Yarnal, Alex Coletti, and Nathan J. Wood
- 353 *Water Resources Science, Policy, and Politics for the Florida Everglades*
William L. Graf
- 363 *New Geographies of Water and Climate Change in Peru: Coupled Natural and Social Transformations in the Santa River Watershed*
Jeffrey Bury, Bryan G. Mark, Mark Carey, Kenneth R. Young, Jeffrey M. McKenzie, Michel Baraer, Adam French, and Molly H. Polk
- 375 *Effects of Land-Use Change on Water in Andean Páramo Grassland Soils*
Carol P. Harden, James Hartsig, Kathleen A. Farley, Jaehoon Lee, and Leah L. Bremer
- 385 *Agricultural Virtual Water Trade and Water Footprint of U.S. States*
Stanley T. Mubako and Christopher L. Lant
- 397 *Farming for Water Quality: Balancing Food Security and Nitrate Pollution in UK River Basins*
Nicholas J. K. Howden, Tim P. Burt, Fred Worrall, Simon A. Mathias, and Michael J. Whelan

Book Review Essay

- 408 *Water Resources: Streams of Inquiry*
James L. Wescoät Jr.



Environmental Sciences

- 417 *The Embeddedness of a North American Snake in the Wildlife Pet Trade and the Production of Assemblage Biogeographies*
J. Anthony Stallins and Lauren Kelley

Methods, Models, and GIS

- 437 *Why Do So Few Minority People Visit National Parks? Visitation and the Accessibility of "America's Best Idea"*
Joe Weber and Selima Sultana
- 465 *Virtual Geographic Environment: A Workspace for Computer-Aided Geographic Experiments*
Hui Lin, Min Chen, and Guonian Lu
- 483 *The Social Interaction Potential of Metropolitan Regions: A Time-Geographic Measurement Approach Using Joint Accessibility*
Steven Farber, Tijs Neutens, Harvey J. Miller, and Xiao Li
- 505 *Spectroscopy of Urban Vulnerability*
Samuel Rufat
- 526 *Uncertainty Analysis for a Social Vulnerability Index*
Eric Tate
- 544 *Genealogy, Migration, and the Intertwined Geographies of Personal Pasts*
Samuel M. Otterstrom and Brian E. Bunker

Nature and Society

- 570 *From Emergency Management to Managing Emergence: A Genealogy of Disaster Management in Jamaica*
Kevin J. Grove

- 589 *Niche Commodities and Rural Poverty Alleviation: Contextualizing the Contribution of Argan Oil to Rural Livelihoods in Morocco*
Yann le Polain de Waroux and Eric F. Lambin

People, Place, and Region

- 608 *Violent Accumulation: A Postanarchist Critique of Property, Dispossession, and the State of Exception in Neoliberalizing Cambodia*
Simon Springer
- 627 *Geographical Warfare in the Tropics: Yves Lacoste and the Vietnam War*
Gavin P. Bowd and Daniel W. Clayton
- 647 *"Glocalization" and Regional Headquarters: Japanese Electronics Firms in the ASEAN Region*
David W. Edgington and Roger Hayter
- 669 *Nazi Spatial Theory: The Dark Geographies of Carl Schmitt and Walter Christaller*
Trevor J. Barnes and Claudio Minca
- 688 *Topia: Landscape before Linear Perspective*
Veronica della Dora
- 710 *Governing Islamic Finance: Territory, Agency, and the Making of Cosmopolitan Financial Geographies*
Jane Pollard and Michael Samers
- 727 *"Co-Agent of the Millennium": City Planning and Christian Eschatology in the North American City, 1890-1920*
Phillip G. Mackintosh and Clyde R. Forsberg Jr.

Book reviews formerly published in the *Annals of the Association of American Geographers* will now be published in *The AAG Review of Books*.



Environmental Sciences

- 749 *Patterns in Residential Urban Forest Structure Along a Synthetic Urbanization Gradient*
Adam Berland and Steven M. Manson

Methods, Models, and GIS

- 764 *Land Suitability Modeling Using a Geographic Socio-Environmental Niche-Based Approach: A Case Study from Northeastern Thailand*
Benjamin W. Heumann, Stephen J. Walsh, Ashton M. Verdery, Phillip M. McDaniel, and Ronald R. Rindfuss
- 785 *FUTURES: Multilevel Simulations of Emerging Urban–Rural Landscape Structure Using a Stochastic Patch-Growing Algorithm*
Ross K. Meentemeyer, Wenwu Tang, Monica A. Dorning, John B. Vogler, Nik J. Cunniffe, and Douglas A. Shoemaker
- 808 *The Spatial Politics of Affect and Emotion in Participatory GIS*
Jason C. Young and Michael P. Gilmore
- 824 *The Power of Mapping: Considering Discrepancies of Polish Cadastral Mapping*
Francis Harvey
- 844 *Scaling of Geographic Space as a Universal Rule for Map Generalization*
Bin Jiang, Xintao Liu, and Tao Jia
- 856 *Voter Migration and the Geographic Sorting of the American Electorate*
Wendy K. Tam Cho, James G. Gimpel, and Iris S. Hui
- 871 *Data-Driven Regionalization of Housing Markets*
Marco Helbich, Wolfgang Brunauer, Julian Hagenauer, and Michael Leitner

Nature and Society

- 890 *The Value of Nature to the State*
Morgan M. Robertson and Joel D. Wainwright
- 906 *Limits to Resilience from Livelihood Diversification and Social Capital in Lake Social–Ecological Systems*
Marisa C. Goulden, W. Neil Adger, Edward H. Allison, and Declan Conway

People, Place, and Region

- 925 *Geography Written in Lightning: Race, Sexuality, and Regulatory Aesthetics in The Birth of a Nation*
Eric Olund
- 944 *Geoeconomic Imaginations and Economic Geography in the Early Twentieth Century*
Mona Domosh
- 967 *Citizens and Refugees: Constructing and Negotiating Tibetan Identities in Exile*
Fiona McConnell
- 984 *Geography, Globalization, and the Problematic of Area Studies*
James D. Sidaway
- 1003 *Postdevelopment Television? Cultural Citizenship and the Mediation of Africa in Contemporary TV Drama*
Julie Cupples and Kevin Glynn
- 1022 *Geographies of Radical Democracy: Agonistic Pragmatism and the Formation of Affected Interests*
Clive Barnett and Gary Bridge

Book reviews formerly published in the *Annals of the Association of American Geographers* will now be published in *The AAG Review of Books*.



Environmental Sciences

- 1041 *Species Origins, Dispersal, and Island Vegetation Dynamics in the South Pacific*
Patricia L. Fall and Taly Dawn Drezner

Methods, Models, and GIS

Forum: Space–Time Integration in Geography and GIScience

- 1058 *Space–Time Integration in a Dynamic Urbanizing World: Current Status and Future Prospects in Geography and GIScience*
Martin Dijst
- 1062 *Real-Time Space–Time Integration in GIScience and Geography*
Douglas B. Richardson
- 1072 *Prospects for a Space–Time GIS*
Michael F. Goodchild
- 1078 *Beyond Space (As We Knew It): Toward Temporally Integrated Geographies of Segregation, Health, and Accessibility*
Mei-Po Kwan
- 1087 *On the Cyberinfrastructure for GIS-Enabled Historiography*
Peter K. Bol
- 1093 *Space–Time Behavior Research in China: Recent Development and Future Prospect*
Yanwei Chai
- 1100 *Analytical Data Transformations in Space–Time Region: Three Stories of Space–Time Cube*
Tomoki Nakaya

Articles

- 1107 *Establishing Qualitative Geographic Sample Size in the Presence of Spatial Autocorrelation*
Daniel A. Griffith
- 1123 *Improving Small-Area Population Estimation: An Integrated Geographic and Demographic Approach*
Chengbin Deng and Changshan Wu

- 1142 *GIS, Internal Colonialism, and the U.S. Bureau of Indian Affairs*
Mark Palmer and Robert Rundstrom

- 1160 *Geographic Assessment of Unattended Swimming Pools in Post-Katrina New Orleans, 2006–2008*
Imelda K. Moise, Kenneth S. Brown, Claudia Riegel, Ezekiel Kalipeni, and Marilyn O. Ruiz

Nature and Society

- 1176 *The Dialectics of Equity: Consumer Citizenship and the Extension of Water Supply in Medellín, Colombia*
Kathryn Furlong
- 1193 *The Dynamic Multiscale Nature of Climate Change Vulnerability: An Inuit Harvesting Example*
James D. Ford, Graham McDowell, Jamal Shirley, Mike Pitre, Richard Siewierski, William Gough, Frank Duerden, Tristan Pearce, Peter Adams, and Sara Statham

People, Place, and Region

- 1212 *Territory's Continuing Allure*
Alexander B. Murphy
- 1227 *Mapping Deception: The Politics of Mapping Miskito and Garifuna Space in Honduras*
Sharlene Mollett
- 1242 *Re-Placing Indigenous Territory: Villagization and the Transformation of Amerindian Environments Under "Cooperative Socialism" in Guyana*
Logan A. Hennessy
- 1266 *Speaking Without Voice: Participatory Planning, Acknowledgment, and Latent Subjectivity in Barbados*
Jonathan Pugh
- 1282 *Sex, Color, and Geography: Racialized Relations in Brazil and Its Predicaments*
Alan P. Marcus

**Nature and Society**

- 1301 *Marginalia: Aesthetics, Ecology, and Urban Wastelands*
Matthew Gandy
- 1317 *Geopolitics and the Avian Imperial Archive: The Zoogeography of Region-Making in the Nineteenth-Century British Mediterranean*
Kirsten Greer
- 1332 *Nationalism, (Dis)simulation, and the Politics of Science in Québec's Forest Crisis*
Sébastien Nobert

People, Place, and Region

- 1348 *Bound by Chains of Carbon: Ecological–Economic Geographies of Globalization*
Luke Bergmann
- 1371 *Churchill and Roosevelt in Africa: Performing and Writing Landscapes of Race, Empire, and Nation*
Roderick P. Neumann
- 1389 *Economic Development, Racialization, and Privilege: "Yes in My Backyard" Prison Politics and the Reinvention of Madras, Oregon*
Anne Bonds
- 1406 *Black Internationalism, Subaltern Cosmopolitanism, and the Spatial Politics of Antifascism*
David Featherstone
- 1421 *Retheorizing the Postsecular Present: Embodiment, Spatial Transcendence, and Challenges to Authenticity Among Young Christians in Glasgow, Scotland*
Elizabeth Olson, Peter Hopkins, Rachel Pain, and Giselle Vincett
- 1437 *Practicing Geographical Uniqueness: The Geopolitics of Prenegotiation and Icelandic Accession to the European Union*
Alun Jones and Julian Clark

Methods, Models, and GIS

- 1452 *Genetics: A New Landscape for Medical Geography*
Margaret Carrel and Michael Emch
- 1468 *A Relational Geography of War: Actor–Context Interaction and the Spread of World War I*
Steven M. Radil, Colin Flint, and Sang-Hyun Chi
- 1485 *Spontaneous Colonization and Forest Fragmentation in the Central Amazon Basin*
Eugenio Y. Arima, Robert T. Walker, Carlos Souza Jr., Ritaumaria Pereira, and Otavio do Canto
- 1502 *Reliable Space–Time Prisms Under Travel Time Uncertainty*
Bi Yu Chen, Qingquan Li, Donggen Wang, Shih-Lung Shaw, William H.K. Lam, Hui Yuan, and Zhixiang Fang
- 1522 *Capturing Damage Assessment with a Spatial Video: An Example of a Building and Street-Scale Analysis of Tornado-Related Mortality in Joplin, Missouri, 2011*
Andrew Curtis and William F. Fagan
- 1539 *Measuring the Dragging Effect of Natural Resources on Economic Growth: Evidence from a Space–Time Panel Filter Modeling in China*
Yaobin Liu and Yichun Xie
- 1552 *The Image of the City out of the Underlying Scaling of City Artifacts or Locations*
Bin Jiang
- 1567 *Simulating Urban Form and Energy Consumption in the Pearl River Delta Under Different Development Strategies*
Yimin Chen, Xia Li, Shujie Wang, Xiaoping Liu, and Bin Ai
- 1586 **Manuscript Reviewers**
- 1588 **Annals, Volume 103 Index**