

# Dr Michelle A. MILLER

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## Education

- PhD (Political Science), Charles Darwin University, Australia
  - BA (Southeast Asian Studies), 1<sup>st</sup> Class Honours (Indonesian Literature/ Political Science), Northern Territory University
  - BA (Political Science, Indonesian Language), Northern Territory University
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## Employment

2014 - Present

### Senior Research Fellow, Asia Research Institute, NUS

- Co-developed and co-led implementation of multi-year research grants.
- PhD thesis supervision: (1) Dr Sumiya Bilegsaikhan [2018-2023]; (2) Ms Melissa Low [March 2022 – present]; (3) Ms Yunrui Ren [Jan 2023 – present]; (4) Ms Yustina Octifanny [August 2023- present].
- Teaching: Master of Science in Climate Change and Sustainability (MSc CCS), Department of Geography, NUS.

AY2024/2025 & AY2025/2026: Political Economy of Climate Change and Sustainable Development (CCS5103).

2010 - 2013

### Research Fellow, ARI, NUS

2009 - 2010

### Research Fellow, Centre for Citizenship & Globalization, Deakin University

2007 - 2009

### Postdoctoral Research Fellow, ARI, NUS

2004 - 2007

### Lecturer, Deakin University

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## Research Areas

- Climate change / environmental governance
  - Urban - rural intersections
  - Decentralization (regional autonomy)
  - Transboundary relations
  - Constructions of citizenship and belonging
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## Short Biography

I am an interdisciplinary social scientist working at the science-policy interface of environmental governance. My current research focuses on how climate research can inform equity-oriented sustainability transitions. This interest has developed through my engagement over the past two decades with the societal and ecological transformation of Southeast Asia.

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## Selected Publications

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### Book

Miller MA (2009) *Rebellion and reform in Indonesia. Jakarta's security and autonomy policies in Aceh*. London & New York: Routledge.

### 10 Representative Journal Articles (out of 34 total)

- Miller MA (2025) Carbon territoriality at the land-water interface. *Global Environmental Change* 90, 102954.
- **Miller MA** & Taylor D (2024) A transboundary agenda for nature-based solutions across sectors, scales and disciplines: Insights from carbon projects in Southeast Asia. *Ambio* 53(4): 534-551.
- **Miller MA** & Tonoto P (2023) Leveraging plural valuations of mangroves for climate interventions in Indonesia. *Sustainability Science* 18(3): 1533-1547.
- Miller MA (2022) A transboundary political ecology of volcanic sand mining. *Annals of the American Association of Geographers* 112(1): 78-96.
- Miller MA (2022) Market-based commons: Social agroforestry, fire mitigation strategies and green supply chains in Indonesia's peatlands. *Transactions of the Institute of British Geographers* 47(1): 77-91.
- **Miller MA**, Tonoto P & Taylor D (2022) Sustainable development of carbon sinks? Lessons from three types of peatland partnerships in Indonesia. *Sustainable Development* 30(1): 241-255.
- Marks D & **Miller MA** (2022) A Transboundary Political Ecology of Air Pollution: Slow Violence on Thailand's Margins. *Environmental Policy and Governance* 32(4): 305-319.
- **Miller MA**, Alfajri, Astuti R, Grundy-Warr C, Middleton C, Tan ZD & Taylor D (2021) Hydrosocial rupture: Causes and consequences for transboundary governance. *Ecology and Society* 26(3): 21.
- Miller MA (2020) B/ordering the environmental commons. *Progress in Human Geography* 44(3): 473-491.
- Miller MA (2013) Decentralizing Indonesian city spaces as new 'centres'. *International Journal of Urban and Regional Research* 37(3): 834-848.

### 5 Representative Edited Books & Journal Special Issues (out of 12 total)

- **Miller MA**, Rigg J & Taylor D (guest editors) (2022) Transboundary environmental governance: Lessons from Southeast Asia [Special Issue]. *Environmental Policy and Governance* 32(4).

- **Miller MA**, Douglass M & Rigg J (guest editors) (2020) Environmental governance for urban resilience in the Asia-Pacific [Special Issue]. *Urban Studies* 57(7).
- **Miller MA** & Bunnell T (guest editors) (2013) Decentralised governance and urban change in Asia [Special Issue]. *Pacific Affairs* 86(4).
- Miller MA, ed. (2012) *Autonomy and armed separatism in South and Southeast Asia*. Singapore: ISEAS.
- Miller MA (guest editor) (2011) Ethnic and racial minorities in Asia: Inclusion or exclusion? [Special Issue]. *Ethnic and Racial Studies* 34(5).  
 --- Reprint as book: Miller MA, ed. (2012) *Ethnic and racial minorities in Asia: Inclusion or exclusion?* London and New York: Routledge.

### 3 Representative Book Chapters (out of 12 total)

- Miller MA (2018) Reconfiguring rural aspirations through urban resettlement: Navigating futurity after the 2010 eruption of Mount Merapi, Indonesia. In Bunnell T & Goh D (eds.) *Urban Asias: Essays on Futurity Past and Present*, Berlin: Jovis, pp.195-204.
- **Miller MA** & Bunnell T (2013) Urban-rural connections: Banda Aceh through conflict, tsunami and decentralization. In Bunnell T, Parthasarathy D & Thompson EC (eds.) *Cleavage, Connection and Conflict: Rural, Urban and Contemporary Asia*, Singapore: ARI-Springer Series, Cities Section, pp.83-98.
- Miller MA (2012) The role of Islamic law (*Shari'a*) in post-tsunami reconstruction. In Clarke M, Fanany I & Kenny S (eds.) *Post-Disaster Reconstruction. Lessons from Aceh*, London: Earthscan, pp.29-60.

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### Grants Awarded & Recognition (since 2020)

- 2024 Invited to Editorial Board of *Environmental Policy and Governance* journal.
- 2023 Robert Chambers Award for best paper in field of development studies:  
 Marks D, **Miller MA** & Vassanadumrongdee S (2023) Closing the loop or widening the gap? The unequal politics of Thailand's circular economy in addressing marine plastic pollution. *Journal of Cleaner Production*, 391, 136218.
- 2023 One of seven women selected for "Recognition of contributions of women working across climate change geographies", 2023 International Women's Day, Royal Geographical Society (with Institute of British Geographers), 8 March.
- 2022 Co-author & Senior Research Fellow [with PI David Taylor]  
*Climate Governance of Carbon Sinks in Southeast Asia* [MOE2021-SSRTG-021]  
 Funding body: Singapore Social Science Research Council  
 Amount awarded: S\$3.925 million.
- 2020 Co-PI [PI David Taylor]  
*Climate Governance of Carbon Sinks in Southeast Asia* (WBS R-395-000-065-646)  
 Funding body: HSS (Humanities and Social Sciences) Seed Fund, Office of the Deputy President (Research & Technology), NUS  
 Amount awarded: S\$39,482.
- 2020 Collaborator [PI Brendan Godley]  
*Risks and Solutions: Marine Plastics in Southeast Asia – RaSP-SEA*  
 Funding body: National Environment Research Council, UK-National Research Foundation, Singapore  
 Amount awarded: £757,730.