

## **Carl Middleton, Ph.D.**

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d.o.b: 10.11.1976      Nationality: British

Deputy Director for Research, Master of Arts in International Development Studies (MAIDS) program (since January 2017; Lecturer since October 2009) [[www.maids-chula.org](http://www.maids-chula.org)]

Director, Center for Social Development Studies (since January 2017; Deputy Director for International Research since January 2015) [[www.csds-chula.org](http://www.csds-chula.org)]

### **Faculty of Political Science, Chulalongkorn University, Thailand**

- **Areas of Expertise:** (Transboundary) water governance; (Transboundary) electricity governance; environmental justice; environment, business and human rights; political ecology
- **Taught courses (MA-level):** Development Theory and Practice (2009-present); Politics of Public Policy (2009-present); Globalization (2010-2012, 2014); Selected Topics in Development and Economy (2009); Environmental Policy and Politics (2009-present); Innovation for Inclusive Development in SE Asia (2014-present);
- **Taught courses (BA-level):** Disaster Management and Social Intervention (Thammasart University (2017)
- **Regular guest lecturer on** SE Asian Studies MA Program, Thai Studies MA Program, Environment Development Sustainability MA Program, and Energy Research Institute, Chulalongkorn University; Institute for Human Rights and Peace Studies, Mahidol University; King Mongkut University of Technology, Thonburi; CIEE program, Khon Kaen University; Faculty of Political Science, Thammasat University.
- **Supervised MA Thesis:** 31 complete thesis supervised on themes mostly related to environmental policy and politics. 2 under current supervision
- **Project management,** including proposal development, research design and management, financial management, organizational development including website design and management, capacity building/ trainer, and project reporting.

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### ***Research projects***

- [Researcher] “Flooding and Displacement in Southern Thailand” under the project “Protecting Persons Displaced in the Context of Disasters in Asia Pacific: A Human Rights-Based Approach to Law, Policy and Practice in Ten Countries” (2018-2019) with support from Raoul Wallenberg Institute
- [Researcher] “Knowledge Networks of Transdisciplinary Studies” (June 2017 – July 2020) with support from ERASMUS+

- [Researcher] “Environmental Security and the Politics of Water Scarcity: The Implications of Conflict and Democratic Transition in Myanmar” (June 2016 to September 2017) With support from Ratchadapisek Sompoch Endowment Fund (2016), Chulalongkorn University (CU-59-074-HS)
  - [Lead] “Seeking “Arenas of Justice” on Transboundary Rivers: A Rights-Based Approach to the Food-Water-Energy Nexus on the Salween and Mekong Rivers.” (July 2015 – June 2016) With support from the SHAPE-SEA program.
  - [Sub-theme lead] “Matching policies, institutions and practices of water governance in the Salween-Thanlwin-Nu River Basin: Towards inclusive, informed, and accountable water governance” (December 2014 to December 2017): With support from the CGIAR Water Land Ecosystem project and Australian Aid.
  - [Lead] “Professional Development of Water Governance and Regional Development Practitioners in the Salween Basin” (December 2014 to December 2017): With support from the CGIAR Water Land Ecosystem project and Australian Aid.
  - [Co-lead and project co-coordinator] “Recovering and valuing wetland agro-ecological systems and local knowledge for water security and community resilience in the Mekong region” (October 2014 to September 2017): Project co-leader. With support from SUMERNET project
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### ***Past Positions***

International Rivers, Thailand ([www.internationalrivers.org](http://www.internationalrivers.org))

- *January 2006 – October 2009*: Mekong Program Coordinator, International Rivers

Fisheries Action Coalition Team, Cambodia ([www.fact.org.kh](http://www.fact.org.kh))

- April 2008 – March 2016: Board member
- July 2005 – December 2005: Acting Director
- Oct 2004 – December 2005: Project Leader: Tonle Sap Community Database (TSCD) project, and Technical Advisor to Tonle Sap Watch Project,

Royal University of Phnom Penh, Department of Environmental Science, Cambodia

- April 2003 – October 2005: Lecturer (part-time)

Advisor to Environmental Forum Core Team (EFCT), NGO Forum on Cambodia

- January 2004 – December 2005:

Centre d’Etude et de Développement Agricole Cambodgien (CEDAC), Cambodia

- April 2003 – May 2004: Technical Advisor on Pesticide Issues
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### ***Education***

- 1998 BEng. Civil Engineering, University of Manchester, UK (1<sup>st</sup> Class).
- 2003 Ph.D. Environmental Chemistry, University of Manchester, UK

**Undergraduate prizes received:** 1996 - Ashbury Scholarship for best performance Civil Engineering degree program; 1998 – Edgar Morton Prize for Geotechnics; 1998 – Jack Allen Prize for Fluid Dynamics; 1998 – Institution of Civil Engineers prize for the best overall attainment in the Civil Engineering degree program.

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### *Languages*

	Reading	Writing	Speaking
English	Native	Native	Native
Khmer	None	None	Basic conversational
Thai	Elementary	Elementary	Conversational

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### *Other Activities and Achievements*

- Associate of the Stockholm Environment Institute (June 2015 until December 2019)
- Member of ETO Consortium: <http://www.etoconsortium.org/en/about-us/academic-members/> ; Member of ARENA: <http://arenaweb.weebly.com/carl-middleton.html>; EJOLT collaborator: <http://www.ejolt.org/section/team/> ; Founding member of the Global University [http://our-global-u.org/oguorg/en/?page\\_id=260](http://our-global-u.org/oguorg/en/?page_id=260)
- Peer Reviewer for Journals: Singapore Journal of Tropical Geography; Ecology and Society journal; South East Asia Research (SOAS); Water Alternatives; Austrian Journal of Southeast Asia Studies; International Journal of Water Governance; Journal of Hydrology; Water Resources and Rural Development; Routledge/ Earthscan books.
- PhD reviewer for Wageningen School of Social Science; MA reader for Alice Salomon Hochschule University, Berlin; Curriculum review for Webster University, Thailand (2014, 2016); Text book review for Mahidol HR and Peace Studies Center (2016)
- Resource person on for trainings, including on Transboundary Water Governance and Human Rights, Business and the Environment, and academic writing
- Mentor: For two research fellows of M-POWER network (2013); One research team of SUMER-NET(2012-2013); two interns at MAIDS (2013); Two research fellow of “Understanding Myanmar’s Development” project (Chiang Mai University) (2013-15) (<http://mrf-fellowships.weebly.com/>); For two research fellows of Naga fellowship network (2015-6)
- Regularly interviewed by regional and international media, in particular on water governance in Southeast Asia.

*Peer reviewed journal articles and book chapters*

***Published (journal articles)***

**Middleton, C.** (2018) “National Human Rights Institutions, Extraterritorial Obligations and Hydropower in Southeast Asia: Implications of the Region’s Authoritarian Turn” *Austrian Journal of Southeast Asia Studies* 11(1):81-97

Ning, Liu and **Middleton, C.** (2017) “Clustering of Chemicals and Waste Multilateral Environmental Agreements to Improve Enforcement” 17:899-919 *International Environmental Agreements: Politics, Law and Economics* DOI: <https://doi.org/10.1007/s10784-017-9372-y>

Lamb, V., Schoenberger, L., **Middleton, C.**, and Un, B. (2017) “Gendered eviction, protest, and recovery: A feminist political ecology engagement with the work of men and women in rebuilding state and land relations in rural Cambodia” *Journal of Peasant Studies* 44(6): p. 1215-1234.  
<http://dx.doi.org/10.1080/03066150.2017.1311868>

**Middleton, C.** and Allouche, J. (2016) “Watershed or Powershed?: A critical hydropolitics of the Lancang-Mekong Cooperation Framework” *The International Spectator*, 51:3, 100-117, DOI: 10.1080/03932729.2016.1209385

Ning, L., Somboon, V., Wun’gao, S., **Middleton, C.**, Tingsabadh, C. and Limjirakan, S. (2016) “Improvements to enforcement of multilateral environmental agreements to control international shipments of chemicals and wastes” *Waste Management & Research (WM&R)*. vol. 34 no. 6 502-510

Thabchumpon, N., Sangkhamanee, J., **Middleton, C.** and Wongsatjachock, W. (2015) “Monopolization Strengthens: Thailand’s Asian Democracy Index in 2015” *Asian Democracy Review*. 4:65-89.

**Middleton, C.** and Dore, D. (2015) “Transboundary Water and Electricity Governance in the Mekong Region: Linkages, Disjunctures and Implications” *International Journal of Water Governance. Special Issue (2015), pp 93–120*; DOI: 10.7564/14-IJWG54  
<http://www.internationalwatergovernance.com/contents-ijwg-01-2015/196-doi-10756414-ijwg54.html>

Allouche, J.; **Middleton C.** and Gyawali, D. 2015. Technical veil, hidden politics: Interrogating the power linkages behind the nexus. *Water Alternatives* 8(1): 610-626 <http://www.water-alternatives.org/index.php/alldoc/articles/vol8/v8issue1/277-a8-1-1/file>

**Middleton, C.**; Allouche, J.; Gyawali, D. and Allen, S. 2015. The rise and implications of the water-energy-food nexus in Southeast Asia through an environmental justice lens. *Water Alternatives* 8(1): 627-654

Thabchumpon, N., Sangkhamanee, J., **Middleton, C.** and Wongsatjachock, W. (2014) “The Polarization of Thai Democracy: The Asian Democracy Index in Thailand” *Asian Democracy Review*. 3: 65-87 <http://twsc.upd.edu.ph/ADR-2014.html>

Smits, M. and **Middleton, C.** (2014) “New arenas of engagement at the water governance-climate finance nexus? An analysis of the boom and bust of hydropower CDM projects in Vietnam” *Water Alternatives journal* 7(3): 561-583. <http://www.water-alternatives.org/index.php/alldoc/articles/vol7/v7issue2/264-a7-3-7>

**Middleton, C.**, Grundy-Warr, C. & Yong, M-L. (2013). Neoliberalizing Hydropower in the Mekong Basin: The Political Economy of Partial Enclosure. *Social Science Journal* 43. 299-334.

**Middleton, C.**, Wittayapak, C., Sangkhamanee, J., and Panyagaew, W. (2013) “The Unfolding Multifold Development of Contemporary Southeast Asia” and co-editor of special edition of *Thammasat Review* [http://www.thammasatreview.tu.ac.th/tu\\_doc/2012-Volume16-Special%20Issue/002.pdf](http://www.thammasatreview.tu.ac.th/tu_doc/2012-Volume16-Special%20Issue/002.pdf)

**Middleton, C.**, (2012) The ‘Nature’ of Beneficial Flooding of the Mekong River. *Social Science Journal*, 42(2): p. 180-208.

**Middleton, C.**, (2012) Transborder Environmental Justice in Regional Energy Trade in Mainland South-East Asia. *Austrian Journal of Southeast Asian Studies*, 5(2): p. 292-315.

### **Published (book chapters)**

**Middleton, C.** (2018) “Chapter 13: Branding Dams: Nam Theun 2 and its Role in Producing the Discourse of “Sustainable Hydropower”” (pp 271-292) in Dead in the Water: Global Lessons from the World Bank's Model Hydropower Project in Laos Madison: University of Wisconsin Press.

Elmhirst, R., **Middleton, C.** and Resurreccion, B. (2018) “Migration and Floods in Southeast Asia: a mobile political ecology of vulnerability, capability, resilience and social justice” (pp 1-21) in Middleton, C., Elmhirst, R. and Chantanavich, S. (eds.) *Living with Floods in a Mobile Southeast Asia: A Political Ecology of Vulnerability, Migration and Environmental Change*. Earthscan: Abingdon.

**Middleton, C.** and Un, B (2018) “A Political Ecology of Farming, Fishing, Flooding, and Migration around Tonle Sap Lake, Cambodia” (pp 22-41) in Middleton, C., Elmhirst, R. and Chantanavich, S. (eds.) *Living with Floods in a Mobile Southeast Asia: A Political Ecology of Vulnerability, Migration and Environmental Change*. Earthscan: Abingdon.

**Middleton, C.**, Pengkam, S., and Tivasuradej, A. (2017) “Politics of knowledge, collective action and community empowerment in Health Impact Assessment in Thailand: The case of Khao Hinsorn” (pp 70-81) in Suhardiman, D., Nicol, A. and Mapedza, E. (eds.) *Water Governance and Collective Action: Multi-scale Challenges*. London: Earthscan Water Text  
<https://www.routledge.com/Water-Governance-and-Collective-Action-Multi-scale-Challenges/Suhardiman-Nicol-Mapedza/p/book/9781315174938>

**Middleton, C.** (2017) “Water, Rivers and Dams” (pp 204-223) in Hirsch, P. (ed.) *Handbook of the Environment in Southeast Asia*. London and New York: Routledge.

<https://www.routledge.com/products/9780415625210>

**Middleton, C.** (2016) “Design Thinking Approaches to MA Internships” (pp 47-54) in Vaddhanaphuti, C. (ed.) *Rethinking Development Studies in Southeast Asia: State of Knowledge and Challenges*. Regional Center for Sustainable Development: Chiang Mai.

**Middleton, C.** and Pritchard, A. (2016) “Chapter 3: Arenas of Water Justice on Transboundary Rivers: A Case Study of the Xayaburi Dam, Laos” (pp 59-90) in Blake, D. and Robins, L. (eds.) *Water Governance Dynamics in the Mekong Region* Strategic Information & Research Development Centre: Petaling Jaya

Zaw Aung and **Middleton, C.** (2016) “Chapter 7: Social Movement Resistance to Accumulation by Dispossession in Myanmar: A Case Study of the Ka Lone Htar Dam near the Dawei Special Economic Zone” (pp 181-210) in Blake, D. and Robins, L. (eds.) *Water Governance Dynamics in the Mekong Region* Strategic Information & Research Development Centre: Petaling Jaya

**Middleton, C.** (2016) “Sustainable Electricity Transition in Thailand and the Role of Civil Society” (pp 831-851) in Brauch, H.G., Spring, U.O., Grin, J., and Scheffran, J. (Eds.): *Handbook on Sustainability Transition and Sustainable Peace*. Hexagon Series on Human and Environmental Security and Peace 10: Chur – Heidelberg – New York – Dordrecht – London: Springer International Publishing. (<http://www.springer.com/us/book/9783319438825> and <http://www.afes-press-books.de/html/hexagon.htm>)

Ning, L., Somboon, V. and **Middleton, C.** (2016) “Illegal Trade in Ozone Depleting Substances” (pp 212-234) in Elliott, L. (ed.) *Handbook of Transnational Environmental Crime* Edward Elgar Publishing. <http://www.e-elgar.com/shop/handbook-of-transnational-environmental-crime>

**Middleton, C.**, and Rosien, J. (2015) “Chapter 9: Food Security and the Asian Development Bank (ADB): An Assessment of the Role of Safeguards in Project Design and Implementation” (pp 239-270) in Nelles, W., Kunavongkrit, A., and Wun’gaio, S. (ed.) *Education For Sustainable Agriculture And Food Security in a Green ASEAN* Bangkok: Chulalongkorn University Press

**Middleton, C.** Matthews, N. and Mirumachi, N. (2015) “Whose Risky Business?: Public–Private Partnerships (PPP), Build-Operate-Transfer (BOT) and Large Hydropower Dams in the Mekong Region” (pp 127-152) in Matthews, N. and Geheb, K. (eds.) *Hydropower Development in the Mekong Region: Political, Socio-economic and Environmental Perspectives*. London: Earthscan <http://routledge-ny.com/books/details/9780415719131/>

**Middleton, C.** and Krawanchid, D. (2014) “Chapter 5: Urbanization and Sustainable Development in the Mekong Region” (pp 72-96) in Lebel L., Hoanh C. T., Krittasudthacheewa C., Daniel, R. (eds.) *Livelihoods, ecosystem services and the challenges of regional integration in the Mekong Region*. SIRD/Gerakbudaya, Malaysia. [https://www.sei-international.org/mediamanager/documents/Publications/sumernet\\_book\\_climate\\_risks\\_regional\\_integration\\_sustainability\\_mekong\\_region.pdf](https://www.sei-international.org/mediamanager/documents/Publications/sumernet_book_climate_risks_regional_integration_sustainability_mekong_region.pdf)



**Middleton, C.,** Un, B., and Thabchumpon, N. (2013) “Human Security, flooding and migration amongst Fishing-farming Communities around the Tonle Sap Lake, Cambodia” (pp 95-122) in Chantavanich, S. and Middleton, C. (eds). On the Move: Critical Migration Themes in Southeast Asia published by International Organization on Migration (IOM) and the Asia Research Center on Migration (ARCM), Institute of Asian Studies, Chulalongkorn University.

(<http://th.iom.int/index.php/migration-resources/migration-research/On-The-Move-Critical-Migration-Themes-in-ASEAN/>)

Chantavanich, S., Ito, M. **Middleton, C.,** Chutikul, S. and Thatun, S.S. (2013) “On the Move: Critical Themes in Migration in Southeast Asia” (pp 2-23) in Chantavanich, S. and Middleton, C. (eds). On the Move: Critical Migration Themes in Southeast Asia published by International Organization on Migration (IOM) and the Asia Research Center on Migration (ARCM), Institute of Asian Studies, Chulalongkorn University. (<http://th.iom.int/index.php/migration-resources/migration-research/On-The-Move-Critical-Migration-Themes-in-ASEAN/>)

**Middleton, C.** (2011). “The ADB/WB/MRC 'Mekong Water Resources Assistance Strategy': Promoting Large Water Infrastructure with Trans-boundary Impacts”. In: Vaddhanaphutt, C. and Jirarikorn, A. (eds.) Spatial Politics and Economic Development in the Mekong Sub-Region. Chiang Mai: Regional Center for Social Science and Sustainable Development.

**Middleton, C.** Garcia, J. and Foran, T. (2009). “Old and New Hydropower Players in the Mekong Region: Agendas and Strategies”. In Molle, F.; Foran, T. and Kähkönen, M. (eds), Contested Waterscapes in the Mekong Region: Hydropower, Livelihoods and Governance, pp. 23-54. London: Earthscan. [www.earthscan.co.uk/?tabid=49419](http://www.earthscan.co.uk/?tabid=49419)

**Middleton, C.** and Tola, P. (2008) “Community organizations for managing water resources around Tonle Sap Lake: A myth or reality?” in *Modern Myths of the Mekong: A Critical Review of Water and Development Concepts, Principles and Policies* eds. Kumm, M., Keskinen, M. and Varis, O. Published by Helsinki University of Technology.

[www.water.tkk.fi/English/wr/research/global/myth/12\\_Middleton&Tola\\_Myths-of-Mekong.pdf](http://www.water.tkk.fi/English/wr/research/global/myth/12_Middleton&Tola_Myths-of-Mekong.pdf)

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***Guest editor for special issues of international peer reviewed journal***

Schaffar, W., Einzenberger, R., **Middleton, C.,** and Thabchumpon, N. (2018). Special issue: The Political Economy of New Authoritarianism. *Austrian Journal of Southeast Asia Studies*. 11(1). <https://aseas.univie.ac.at/index.php/aseas/issue/view/191>

Allouche, J.; **Middleton C.** and Gyawali, D. 2015. Special issue: Critical Thinking on the ‘New Security Convergence’ in Energy, Food, Climate and Water: Is the Nexus Secure ... and for Whom?. *Water Alternatives* 8(1) <http://www.water-alternatives.org/index.php/spe?id=288;catid=1888;Itemid=175>

***Books edited***

**Middleton, C.**, Elmhirst, R., and Chantavanich, S. (eds) (2018) Living with Floods in a Mobile Southeast Asia: A Political Ecology of Vulnerability, Migration and Environmental Change. Earthscan: Abingdon.

Chantavanich, S., **Middleton, C.** and Ito, M. (eds). On the Move: Critical Migration Themes in Southeast Asia published by International Organization on Migration (IOM) and the Asia Research Center on Migration (ARCM), Institute of Asian Studies, Chulalongkorn University.

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