



Name: **Michelle Elan Kooy**
Present position: **Lecturer, Urban Water Governance**
Years with IHE: August 2012 - present
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EDUCATION

- 2008 **PhD Department of Geography, University of British Columbia (Canada)**
Thesis: Relations of Power, Networks of Water: Governing Urban Waters, Spaces, and Populations in (Post)Colonial Jakarta
- Areas of Concentration: Urban Geography, Environmental Governance, Southeast Asian Geography
 - Awards: Doctoral Fellowship, Social Science & Humanities Research Council of Canada (2002-2006); Small Research Grant, Hampton Fund (2003)
- 2001 **MSc Environmental Studies, York University (Canada)**
- Areas of Concentration: Water Policy and International Development, Irrigation Water Management
- Awards: Entrance Scholarship; Canadian International Development Masters Research Fellowship (2000-2001)
- 1998 **BSc Environmental Science, Calvin College (United States)**
Major: Biology; Minor: Ecology, Geology
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AREAS OF EXPERTISE

- Specialist in water supply, sanitation and development, focusing on governance of urban service delivery and resource management.
- Research interests include: governance and urban infrastructure; social nature; urban water security and climate change resilience strategies.
- 10 years' experience of international development and water resource management working in interdisciplinary environment, including academic and applied research, project planning and management.
- Experience in working collaboratively with a wide range of stakeholders: academics, policy makers, private sector, civil society, donors and development partners.
- Demonstrated skills in research capacity building and project management.
- Country experience: Caribbean community countries (CARICOM), China, DRC, Indonesia, Thailand, Sierra Leone, South Sudan, Sri Lanka, Palestine, Vietnam.



Selected UNESCO-IHE Assignments

2013-2014	Improving Water Sector Planning, Management, Development in Indonesia (ADB)
2013-2016	Capacity building for skills and knowledge in WASH training courses and research in South Sudan, Netherlands Initiative for Higher Education (NICHE) Principal Consultant
2013-2017	Capacity Building for High Standard Education and Training Programmes for Water Supply and Sanitation Sector in Indonesia, Netherlands Initiative for Higher Education (NICHE), Deputy Project Manager
2013-2015	Capacity Development for Performance Improvement of Water Utilities in Secondary Urban Centres in East Africa
2013	Strengthening educational programs to foster future water sensitive cities leaders, Climate Sensitive Cities program
2013	IHE Alumni short course, South Africa: WASH services in Fragile States Lecturer - Urban Water Governance MSc Module, Water Management Program Lecturer - Water Governance MSc Module, Water Management Program
2012	IHE Alumni short course, Zimbabwe: Ecological cities and pro-poor governance
2012	Summer school module: Urban water governance

EMPLOYMENT RECORD

- 2012-
2010
- Research Fellow, Water Policy Programme, Overseas Development Institute, London (UK)**
- *Water, sanitation and hygiene service delivery in conflict-affected and fragile states (Tearfund)* – Project Leader and co-researcher with case studies in South Sudan and Liberia (2012)
 - *Politics and Governance of public goods in Fragile States (DFID)* – Lead researcher on water and sanitation sector theme as a part of a cross-programme flagship research project (2012)
 - *Water Resources and Adaptation to Climate Change in Latin America and the Caribbean and Asia (IDRC)*, peer review and proposal selection panel (2011, 2012)
 - *Analysing the Governance and Political Economy of Water Supply and Sanitation Services in Developing Countries (DFID)* – Project Leader and co-researcher with case studies in Vietnam and Sierra Leone (2011-2012)
 - *Climate Development Knowledge Network (DFID)* - Regional Research Coordinator for Asia and Latin America and Caribbean region (2010-2012)
 - *Climate Change Adaptation in China (British Council)*, training on research methodology and in-country mentoring to young researchers with case studies in Yunnan and Ningxia (2010, 2011)
- 2008-
2010
- Director of Urban Programs, Mercy Corps (iNGO), Jakarta (Indonesia)**
- Responsible for overall integrity of urban poverty reduction strategy in all project work; overall design, implementation, monitoring, evaluation and reporting of all urban projects; financial and personnel management; staff capacity building; networking and stakeholder building; research and documentation.
 - *Selected project 2009-2010: Asian Cities Climate Change Resilience Network (Rockefeller)*; capacity building of urban planners for integrated resilience planning and coordination between municipal government, civil society and private sector for climate change adaptation strategies.
 - *Selected project 2006-2010: Urban environmental services development and governance (IDRC)*; piloting of delegated management model with private sector providers and low income urban community for improved clean water services; participatory urban planning for pro-poor spatial development policies; wastewater treatment and reuse for productive gardening; community based



solid waste management.

- *Selected project 2009-2010: Pro-poor urban sanitation* (Suez Environment Foundation); development of technical, organisational, financial, and governance components of a model for pro-poor urban sanitation services; modular wastewater treatment units; community based sanitation services enterprise.
- *Selected project 2009-2010: Urban water supply, sanitation, and hygiene improvement* (USAID); partnership with government of West Jakarta and Bekasi to integrate development of pro-poor service delivery for water supply and sanitation.

2006-
2008

Research & Technical Advisor, Mercy Corps Indonesia

- Technical support and capacity building for project staff in areas of urban service delivery, urban development and governance, and research and evaluation methodology.
- Contributed to strategic development of the urban poverty reduction strategy of the country program, and the publication of flagship Urban Bulletin series with publications on Urban Planning & Spatial Development; Urban Services; Urban livelihoods.

2002-
2008

Doctoral researcher: Water Governance in Jakarta

- Analysis of the spatial and social differentiation of water supply access in Jakarta in relation to broader human development concerns.
- Designed and analysis of an evaluation of 'pro-poor' water supply technologies in Jakarta; socio-economic, political, and cultural aspects around the issue of water supply to the poor and assessment of potentials of alternative governance, infrastructural, pricing and financing models to achieve equitable urban water supply.
- Analysis of the socio-economic impacts of national policies for water supply in Indonesia (2004 Water Law), as well as the private sector contract in Jakarta in coordination with civil society organisations.
- Organisation of a workshop on 'Citizenship and Urban Water Supply in Jakarta'; a multi-stakeholder dialogue at Universitas Indonesia, May 11 2005.

2001-
2002

Environment Officer, Asia Branch, Canadian International Development Agency (CIDA), Ottawa (Canada)

- Provided administrative and organisational support to local implementation partners of CIDA environmental projects across Asia.
- Assisted in the review of environmental impact assessments of CIDA projects.

2000-
2001

Research Fellow, Centre for Refugee Studies, York University, (Canada)

- Researcher on global research project investigating the relationship between international development and displacement.
- Conducted research on the impacts of commercializing rural water supplies in Thailand, analyzed the regional socio-economic impacts of Asian Development Bank programs on rural water distribution in Northeast Thailand

1998-
1999

Programme Officer, Palestinian Hydrology Group, Ramallah (Palestine)

- Contributed to the development of proposals and project on water supply and sanitation in the West Bank.
- Survey on household water supply and potentials for reuse; analysis of West Bank water utilities and consumer demand.



LANGUAGE PROFICIENCY

Language	Reading	Speaking	Writing
English	Mother tongue		
French	Fair	Fair	Poor
Dutch	Good	Good	Poor
Indonesian	Good	Good	Good

ACADEMIC PUBLICATIONS

Journal articles

- Di Baldassarre, G., Kemerink, J., Kooy, M. Brandimarte, L. (forthcoming, 2013) Floods and Societies: the Spatial Distribution of Water-related Disaster Risk and its Dynamics, *WIRES-Water*.
- Di Baldassarre, G., Kooy, M., Kemerink, J., Brandimarte, L. (2013) Towards understanding the dynamic behaviour of floodplains as human-water systems, *Hydrology and Earth System Science* 17, 3235-3244. DOI: doi:10.5194/hess-17-3235-2013.
- Kooy, M., Wild, L., Mason, N. (submitted, 2013) Water supply and sanitation services within peace and state-building processes: evidence from DRC and South Sudan, *Development Policy Review*.
- M.Kooy and K.Bakker (2008) 'Splintered Networks: Fragmentation of water supply in Jakarta, 1870-1990', *Geoforum* Vol.39:1843-1858.
- M.Kooy and K.Bakker (2008) 'Technologies of Government: Constituting subjectivities, spaces, and infrastructures in colonial and contemporary Jakarta', *International Journal of Urban and Regional Research*, Vol. 32(2):375-391.
- K.Bakker, M.Kooy, E. Shofiani, E.J. Martijn (2008) 'Governance failure, capability failure: Institutions, incentives, and technological constraints in connecting poor households to networked water supply'. *World Development* Vol. 36(10): 1891-1915.

Book chapters

- Kooy, M. and Bakker, K. (forthcoming, 2013) "(Post)Colonial pipes: Urban water supply in colonial and contemporary Jakarta", chapter in *Modernization of the Indonesian city, 1930-1960*, eds F.Columbijn and J.Cote, Leiden: KITLV Press.
- Bakker and Kooy (2011) "Governance failure: Urban water and conflict in Jakarta, Indonesia", pp.195-220, in *Urban Water Conflicts*, Barraque, B. (ed), UNESCO-IHP Urban Water Series, Leiden: Taylor and Francis.
- Bakker, K. and M.Kooy (2010) 'Citizens without a City: The Techno-Politics of Urban Water Governance', Chapter 5 in *Beyond Privatization: Governance failure and the world's urban water crisis*, K.Bakker. Ithaca: Cornell University Press.
- M.Kooy and K.Bakker (2006) 'Networks of water, power, and knowledge in Jakarta, 1870 – 1945', in *Hydropolis: Water and the City of Modernity*, (eds) M.Gandy and S. Frank, Campus Publishing House: Berlin.
- M.Kooy (2006) 'Coercion or Choice – Commercializing Water Supply in Thailand', in *Development's Displacements: Ecologies, Economies and Cultures at Risk*, eds P.Vandergeest, P.Idahosa, and P.Penz, Vancouver: UBC Press.
- M.Kooy (2004) Book Review: *Development and displacement*, Progress in Development Studies Vol.4:89.
- M.Kooy (2003) Book Review: *Private Firms and Public Water: Realising Social and Environmental Objectives in Developing Countries*, Economic Geography Vol.79(4): 455.



Research studies

- Wild, Mason, and Kooy (2012) *Reality checks: the role of WASH service delivery in Peace Building and State Building in Fragile States*. London: Overseas Development Institute.
- Kooy and Wild (2012) *WASH service delivery in South Sudan: Contributions to Peace building and State building*. ODI research report, London: Overseas Development Institute.
- Kooy and Bailey (2012) *WASH service delivery in DRC: Contributions to peace building and state building*. ODI research report, London: Overseas Development Institute.
- Kooy and Harris (2012) *The role of political economy analysis in improving development outcomes – case study in water supply and sanitation*. ODI Project Briefings No.77. London: Overseas Development Institute. <http://www.odi.org.uk/resources/docs/7797.pdf>
- Harris and Kooy (2012) *Political economy analysis for operations in water and sanitation: a guidance note*. ODI Briefing paper. <http://www.odi.org.uk/resources/docs/7652.pdf>
- Kooy, Harris, and Jalloh (2012) *The political economy of the urban water pricing regime in Freetown, Sierra Leone*. ODI Working Paper 348. London: Overseas Development Institute. <http://www.odi.org.uk/resources/docs/7668.pdf>
- Harris, Kooy, and Nam (2011) *Scaling up rural sanitation in Vietnam: political economy constraints and opportunities*. ODI Working Paper 341. London: Overseas Development Institute.
- Harris, Jones, and Kooy (2011) *Analysing the Governance and Political Economy of Water and Sanitation Service Delivery*. ODI Working Paper 334. London: Overseas Development Institute.
- Kooy (2005) *Review of water supply technologies 'for the poor': issues of sustainability and socio-economic equity, as observed in the Ministry of Public Works' 2001-2004 Project*. Project Briefing, Vancouver: University of British Columbia.



Conference proceedings

- 26 November 2013, Chair and panellist: Governing WASH services in Fragile States, European Development Days, Brussels.
- April 2013 - Panellist, Connecting Land and Water Governance, Association of American Geographers, Los Angeles, USA
- April 2013 - Chair, Convenor, Informality in Urban Space, Association of American Geographers, Los Angeles, USA
- December 2012 - Water Equity Workshop, Arusha, Tanzania
- January 2012 – Convener and panellist, '*Political economy analysis for water supply and sanitation services in development countries: how politics matters for WASH*', at UK-Department for International Development, London, 18 January 2012.
- August 2011 – Convener and panellist, '*Understanding the Context: Operationalising Political Economy Analysis to Improve WASH Outcomes*', at Stockholm International Water Week, Stockholm, 24 August 2011.
- March 2011 – Panellist, '*Urban water supply and the politics of production*', at Development Studies Association Urban Policy Study Group, ODI: London, 1 March 2011.
- March 2011 – Panellist, '*Output Based Aid Approaches for pro-poor water supply: Case study from Jakarta, Indonesia*', at Liquid Dynamics II: Some for all? Pathways and Politics in Water and Sanitation, STEPS Centre Water and Sanitation Symposium, IDS, Sussex University, 22 March 2011.
- November 2010 – Panellist, '*Urban settlements and water supply*', at Urban Risks: humanitarian responses and disaster prevention, Foreign and Commonwealth Offices, Wilton Park, 22-25 November 2010.
- March 2010 – Panellist, '*Urban Climate Change Vulnerability in Developing Countries*', UN-Habitat Panel at the World Urban Forum, Rio de Janeiro, 21-26 March 2010.
- March 2010 – Convener and panellist, '*Multi-stakeholder partnerships for urban services*', IDRC panel at the World Urban Forum, Rio de Janeiro, 21-26 March 2010.
- January 2010 – Panellist, '*Multi-Stakeholder partnerships to improve access to water supply for the urban poor*', Consensus Building in Asia Workshop, Institute of Water Policy, National University of Singapore, 28-29 January 2010.
- August 2008 – Panellist, '*Urbanisation and poverty reduction in Indonesia*', Trisakti University International Conference on Sustainable Urban Development, Jakarta Indonesia, 21 August 2008.
- 2007 – Panellist, '*Increasing access to water for the poor*', Indonesian Water Forum, Jakarta, Indonesia.



SUPERVISION

MSc students

- 2013-2014 Giorgio Faedo (mentor), Water Management MSc student
- 2012-2013 Kurniati Widyastudi (mentor), UNESCO-IHE, thesis title:
- 2012-2013 Gabriel Kogan (mentor), UNESCO-IHE, thesis title: Ideological Landscape:
The relationship between the environmental and political realms in the floods in São
Paulo
- 2012-2013 Indrawan Prabaharyaka (co-mentor), Monash University, South Africa, thesis title:
Longitudinal study of multiple water sources and evolution of institutions in urban
water governance

PhD students

- 2012-2016 Christine Etiegni (mentor), UNESCO-IHE, thesis title: Towards participatory
fisheries governance: A case of Lake Victoria fisheries (Kenya)
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