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### Making waves

*Reimagining policy transfer in the context of development cooperation*

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## REFERENCES

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- Akrich, M., M. Callon, B. Latour, and A. Monaghan. (2002a). "The Key to Success in Innovation Part I: The Art of Interessement." *International Journal of Innovation Management* 6 (2): 187–206. doi:10.1142/S1363919602000550.
- Akrich, M., M. Callon, B. Latour, and A. Monaghan. (2002b). "The Key to Success in Innovation Part II: The Art of Choosing Good Spokespersons." *International Journal of Innovation Management* 06 (02): 207–225. doi:10.1142/S1363919602000562.
- Akrich, M., Callon, M., Latour, B. (1988). A quoi tient le succès des innovations? 1: L'art de l'intéressement; 2: Le choix des porte-parole. In *Gérer et comprendre. Annales des mines* (11 & 12), 4–17.
- Alam, S. (2019). Bangladesh Delta Plan 2100: Implementation challenges and way forward. *The Financial Express*, 23 March. <https://thefinancialexpress.com.bd/views/reviews/bangladesh-delta-plan-2100-implementation-challenges-and-way-forward-1553354695>
- Anthony, E. J., G. Brunier, M. Besset, M. Goichot, P. Dussouillez, and V. L. Nguyen. (2015). "Linking Rapid Erosion of the Mekong River Delta to Human Activities." *Scientific Reports* 5: 14745. doi:10.1038/srep14745.
- Batubara, B., Kooy, M., and Zwarteveen, M. (2018). Uneven urbanisation: Connecting flows of water to flows of labour and capital through Jakarta's flood infrastructure. *Antipode*, 50(5), 1186-1205.
- Belal, S.M. (2018). Bangladesh – The Netherlands flagship undertaking 'Bangladesh Delta plan 2100. *The Holland Times*, 30 September. [www.hollandtimes.nl/articles/diplomacy/bangladesh-the-netherlands-flagship-undertaking-bangladesh-delta-plan-2100/](http://www.hollandtimes.nl/articles/diplomacy/bangladesh-the-netherlands-flagship-undertaking-bangladesh-delta-plan-2100/)
- Benedikter, S. (2014). "The Vietnamese Hydrocracy and the Mekong Delta: Water Resources Development from State Socialism to Bureaucratic Capitalism." PhD Diss., University of Bonn.
- Benson, D., and Jordan, A. (2011). What have we learned from policy transfer research? Dolowitz and Marsh revisited. *Political studies review*, 9(3), 366-378.
- Berry, F. S., and W. D. Berry. (1999). "Innovation and Diffusion Models in Policy Research." In *Theories of the Policy Process*, edited by P. A. Sabatier, 169–200. Boulder, CO: Westview Press.
- Biggs, D. A. (2010). *Quagmire. Nation-Building and Nature in the Mekong Delta*. Seattle: University of Washington Press.

- Biriukuva, K. (2019). NL in NL: neoliberalism in development cooperation of the Netherlands in the sphere of water (unpublished MSc thesis). International Institute of Social Studies, Erasmus University.
- Bosma, H., C. Boomsma, and J. Geluk, eds. (2017). "2016–2017 Dutchwater Sector: A World of Expertise at Your Fingertips." Netherlands Water Partnership. <https://www.dutchwatersector.com/uploads/2016/07/dws-2016-2017-web.pdf>.
- Bruggeman, W., Haasnoot, M., Hommes, S., Te Linde, A., Van der Brugge, R., Rijken, B., Dammers, E., Van den Bom, G.J. (2011). Deltascenario's: Verkenning van mogelijke fysieke en sociaaleconomische ontwikkelingen in de 21ste eeuw op basis van KNMI'06 en WLO-scenario's, voor gebruik in het Deltaprogramma 2011–2012. Report Deltares.dDoi: <http://edepot.wur.nl/170665>.
- Bucx, T., M. Marchand, B. Makaske, and C. Van de Guchte. (2010). Comparative Assessment of the Vulnerability and Resilience of 10 Deltas.
- Büscher, C. (2019). Imagineering waterscapes: The case of the Dutch water sector. *Water Alternatives*, 12(3), 814.
- Callon, M. (2017). Markets, marketization and innovation. In the Elgar companion to innovation and knowledge creation. Edward Elgar Publishing.
- Callon, Michel. (1986). "Some elements of a sociology of translation; domestication of the scallops and the fishermen of St Brieuc Bay". In: Law, J. (ed.), *Power, Action and Belief A New Sociology of Knowledge?* pp.196-229. London: Routledge and Kegan Paul. doi:10.1111/j.1467-954X.1984.tb00113.x.
- Choudhury, G.A., C. Terwisscha van Scheltinga, D. van den Bergh, F. Chowdhury, J. de Heer, M. Hossain. (2012). Preparations for the Bangladesh Delta Plan, Alterra-rapport 2300, Alterra, Wageningen UR, Wageningen.
- Chu, J. (2013). How The Netherlands Became The Biggest Exporter Of Resilience. *Fast Company*, 11. <https://www.fastcompany.com/3020918/how-the-netherlands-became-the-biggest-exporter-of-resilience>
- Colven, E. (2017). Understanding the Allure of Big Infrastructure: Jakarta's Great Garuda Sea Wall Project. *Water Alternatives*, 10(2).
- Cook, I. R., & Ward, K. (2012). Conferences, informational infrastructures and mobile policies: the process of getting Sweden 'BID ready'. *European Urban and Regional Studies*, 19(2), 137-152.
- Corder, M. (2017). Water wizards: Dutch flood expertise is big export business. <https://financialpost.com/pmn/business-pmn/water-world-dutch-flood-expertise-is-big-export-business>
- Delta Coalition. (2019). <http://www.deltacoalition.net/projects/bangladesh-delta-plan-2100/>

- Deltares. (2014). Scenarios for Mekong Delta Plan in Vietnam. Retrieved from: <https://www.deltares.nl/en/news/scenarios-mekong-delta-plan-vietnam/>
- Disco C and van den Ende J. (2003). Strong, Invincible Arguments? Tidal Models as Management Instruments in Twentieth-Century Dutch Coastal Engineering. *Technology and Culture* 44: 502-535.  
doi: <https://www.tweedekamer.nl/downloads/document?id=394c2ecf-622e-46a7-8156-12ed56a2248b&title=Nederlandse%20Internationale%20Waterambitie%20%28NIWA%29.pdf>.
- Dolowitz, D. P. (2017). Transfer and learning: one coin two elements. *Novos estudos CEBRAP*, 36(1), 35-56.
- Dolowitz, D.P., Plugaru, R., Saurugger, S. (2019). The Process of Transfer: the Micro-influences of Power, Time and Learning. *Public Policy and Administration*.
- Dussauge-Laguna, M. I. (2013). "Policy Transfer as a 'Contested' Process." *International Journal of Public Administration* 36 (10): 686–694.  
doi:10.1080/01900692.2013.791312.
- EKN (Embassy of the Kingdom of the Netherlands). Project Document for the Formulation of the Bangladesh Delta Plan 2100. May 28, 2013.
- Enserink, B., Kwakkel, J., Bots, P., Hermans, L., Thissen, W., & Koppenjan, J. (2010). Policy analysis of multi-actor systems. Eleven International Publ.
- Evers, J., Douven, W., Van der Stroom, J., Hasan, S., Seijger, C., & Phi, H. L. (2019). A framework to assess the performance of participatory planning tools for strategic delta planning. *Journal of Environmental Planning and Management*, 62(9), 1636-1653.
- Ferguson, J. (1994). *The Anti-Politics Machine: 'Development', Depoliticization and Bureaucratic Power in Lesotho*. Minnesota: University of Minnesota Press.
- Gainsborough, M. (2007). "From Patronage to 'Outcomes': Vietnam's Communist Party Congresses Reconsidered." *Journal of Vietnamese Studies* 2 (1): 3–26. doi:10.1525/vs.2007.2.1.3.
- GED (General Economics Division), Planning Commission, Government of the People's Republic of Bangladesh. (2018a). *Bangladesh Delta Plan 2100: Bangladesh in the 21st century (abridged version)* (October).
- GED (General Economics Division), Planning Commission, Government of the People's Republic of Bangladesh. (2018b). *Bangladesh Delta Plan 2100* (August).
- GED (General Economics Division), Planning Commission, Government of the People's Republic of Bangladesh. (2017). *Investment plan for the BDP 2100. Vol. 1: the plan*. Technical report submitted by the World Bank to the Government of Bangladesh (July).

- GED (General Economics Division), Planning Commission, Government of the People's Republic of Bangladesh. (2013). Technical Assistance Project Proposal (TPP) for the Bangladesh delta plan 2100 formulation project (July).
- GED (General Economics Division), Planning Commission, Government of the People's Republic of Bangladesh. (2012). Perspective Plan of Bangladesh 2010-2021: Making Vision 2021 a reality (April).
- Gray, V. (1973). "Innovation in the States: A Diffusion Study." *American Political Science Review* 67 (4): 1174–1185. doi:10.2307/1956539.
- Grossback, L. J., S. Nicholson-Crotty, and D. A. Peterson. (2004). "Ideology and Learning in Policy Diffusion." *American Politics Research* 32 (5): 521–545. doi:10.1177/1532673 X04263801.
- Haas, P.M. (1992). Introduction: epistemic communities and international policy coordination. *Int. Organ.* 46 (1), 1–35.
- Haasnoot, M., and H. Middelkoop. (2012). "A History of Futures: A Review of Scenario Use in Water Policy Studies in The Netherlands." *Environmental Science and Policy* 19: 108–120. doi:10.1016/j.envsci.2012.03.002.
- Hasan, S. (2018). The Dutch delta expertise in the eyes of a Bangladeshi researcher. FLOWS. <https://flows.hypotheses.org/1511>.
- Hasan, S. (2016). What do participatory planning tools do in strategic delta planning processes? IHE Delft (unpublished).
- Hasan, S., Evers, J., and Zwarteveen M. (2020). The transfer of Dutch delta planning expertise to Bangladesh: A process of policy translation. *Journal of Environmental Science and Policy*, 104, 161-173.
- Hasan, S., Evers, J., Zegwaard, A., and Zwarteveen M. (2019). Making waves in the Mekong Delta: recognizing the work and the actors behind the transfer of Dutch Delta Planning expertise. *Journal of Environmental Planning and Management*, 62(9),1583-1602.
- Hassenteufel, P., Benamouzig, D., Minonzio, J., Robelet, M. (2017). Policy diffusion and translation: the case of evidence-based health agencies in Europe. *NOVOS ESTUDOS - CEBRAP* 36 (01), 77–96.
- Hill, K. Q., and C. Klarnier. (2002). "The Many Faces of Elite Power in the 'System of 1896'." *Journal of Politics* 64 (4): 1115–1136. doi:10.1111/1468-2508.00165.
- Hogendoorn, D., Zegwaard, A., Petersen, A. (2018). Difficult travels: delta plans don't land in the Chao Phraya delta. *Environ. Sci. Policy* 89, 378–384.
- Huitema, D., & Meijerink, S. (2010). Realizing water transitions: The role of policy entrepreneurs in water policy change. *Ecology and Society*, 15(2), 26–35.

- Huitema, D., & Meijerink, S. (Eds.). (2009). *Water policy entrepreneurs. A research companion to water transitions around the globe*. Cheltenham: Edward Elgar.
- International Water Ambition, Delta Programme 2019.  
<https://www.tweedekamer.nl/downloads/document?id=394c2ecf-622e-46a7-8156-12ed56a2248b&title=Nederlandse%20Internationale%20Waterambitie%20%28NIWA%29.pdf>
- International Water Ambition, Delta Programme 2016. A co-publication of the Ministry of Infrastructure and the Environment and the Ministry of Economic Affairs, September 2015. <https://deltaprogramma2016.deltacommissaris.nl/viewer/paragraph/1/delta-programme-/chapter/hoofdstuk-/paragraph/delta-programme-working-method-and-follow-up-organisation>
- Ivars, B., & Venot, J. P. (2019). Grounded and Global: Water Infrastructure Development and Policymaking in the Ayeyarwady Delta, Myanmar. *Water Alternatives*, 12(3), 1038-1063.
- Janssen, Marco, Hasse Goosen, and Nancy Omtzigt. (2006). A Simple Mediation and Negotiation Support Tool for Water Management in the Netherlands.” *Landscape and Urban Planning* 78(1-2):71–84.
- Kemerink-Seyoum, Jeltsje. (2019). Don’t turn Dutch water knowledge into an export product! <https://flows.hypotheses.org/3684>.
- Khalequzzaman, Md. (2016). Bangladesh Delta Plan 2100: Not the most practical proposal. *The Daily Star*, April 21. <https://www.thedailystar.net/op-ed/politics/not-the-most-practical-proposal-1211857>.
- Kimmelman, M. (2017). The Dutch Have Solutions to Rising Seas. *The World is Watching*. *New York Times*, June 15.  
<https://www.nytimes.com/interactive/2017/06/15/world/europe/climate-change-rotterdam.html>
- Kingdon, J. W. (1994). *Agendas, alternatives and public policies*. New York: Harper Collins.
- Laeni, N., van den Brink, M. A., Trelle, E. M., & Arts, E. J. M. M. (2020). Going Dutch in the Mekong Delta: a framing perspective on water policy translation. *Journal of Environmental Policy & Planning*, 1-18.
- Latour, B. (2005). *“Reassembling the Social: An Introduction to Actor Network Theory*. Oxford.
- Latour, B. (1999). *Pandora's hope: essays on the reality of science studies*. Cambridge, Massachusetts: Harvard University Press.
- Latour, B. (1996). *Aramis, or the Love of Technology* (translated by Catherine Porter). Harvard University Press, Cambridge, MA, and London.

- Latour, B. (1987). *Science in Action: How to Follow Scientists and Engineers through Society*. Cambridge, MA: Harvard University Press.
- Latour, B. (1986). The powers of association. J. Law (Ed.), *Power, Action and Belief: A New Sociology of Knowledge*, Routledge, London.
- Law, John. (2009). "Actor network theory and material semiotics". *The new Blackwell companion to social theory*, 3:141-158.
- Law, J. and A. M. Mol (2001) *Situating Technoscience: An Inquiry into Spatialities*, *Environment and Planning D: Society and Space* 19(5): 609–21.
- Li, T.M. (2007). *The Will to Improve: Governmentality, Development, and the Practice of Politics*. Duke University Press, Duke.
- Marchand, M., and T. H. M. Bucx, eds. (2011). *Towards a Mekong Delta Plan*. Delft, The Netherlands: Deltares. doi: <http://edepot.wur.nl/330185>.
- Marr, D. G. (1994). *The Vietnam Communist Party and Civil Society*, Paper Presented at the Vietnam Update Conference: Dilemmas of Development. Canberra: ANU.
- McCann, E., and Ward, K. (2013). A multi-disciplinary approach to policy transfer research: geographies, assemblages, mobilities and mutations. *Policy Studies*, 34(1), 2-18.
- McCann, E., and Ward, K. (2012). Assembling urbanism: following policies and ‘studying through’ the sites and situations of policy making. *Environment and Planning A*, 44(1), 42-51.
- Mekong Delta Plan. (2013). *Mekong Delta Plan: Long-Term Vision and Strategy for a Safe, Prosperous and Sustainable Delta*. Amersfoort: Royal HaskoningDHV. [https://www.wur.nl/upload\\_mm/2/c/3/b5f2e669-cb48-4ed7-afb6-682f5216fe7d\\_mekong.pdf](https://www.wur.nl/upload_mm/2/c/3/b5f2e669-cb48-4ed7-afb6-682f5216fe7d_mekong.pdf).
- Mendes-Flohr, P. (2015). *Dialogue as a Trans-disciplinary Concept: Martin Buber’s Philosophy of Dialogue and its Contemporary Reception*. De Gruyter.
- MFA (Ministry of Foreign Affairs of the Netherlands). (2013). “A World to Gain: A New Agenda for Aid, Trade and Investment, an English Version of ‘Wat de wereld verdient: Een nieuwe agenda voor hulp, handel en investeringen’”. <https://www.government.nl/documents/letters/2013/04/05/global-dividends-a-new-agenda-for-aid-trade-and-investment>
- MFA (Ministry of Foreign Affairs of the Netherlands). (2012). “Policy Agenda 2012: Key Policy Changes for 2012.” <https://www.government.nl/documents/annual-plans/2011/09/21/ministry-of-foreign-affairs-policy-agenda-2012>

- MFA (Ministry of Foreign Affairs of the Netherlands). (2011). “Letter to the House of Representatives Presenting the Spearheads of Development Cooperation Policy.” [http://www.minbuza.nl/binaries/content/assets/minbuza/en/import/en/key\\_topics/development\\_cooperation/dutch\\_development\\_policy/parliamentary-letter-of-march-18-2011-presenting-the-new-focus-of-development-cooperation-policy](http://www.minbuza.nl/binaries/content/assets/minbuza/en/import/en/key_topics/development_cooperation/dutch_development_policy/parliamentary-letter-of-march-18-2011-presenting-the-new-focus-of-development-cooperation-policy)
- MFA (Ministry of Foreign Affairs of the Netherlands). (2010). “Letter to the House of Representatives Outlining Development Cooperation Policy.” [http://www.minbuza.nl/binaries/content/assets/minbuza/en/import/en/key\\_topics/development\\_cooperation/dutch\\_development\\_policy/parliamentary-letter-of-march-18-2011-presenting-the-new-focus-of-development-cooperation-policy](http://www.minbuza.nl/binaries/content/assets/minbuza/en/import/en/key_topics/development_cooperation/dutch_development_policy/parliamentary-letter-of-march-18-2011-presenting-the-new-focus-of-development-cooperation-policy)
- Minkman, E., and Van Buuren, A. (2019). Branding in policy translation: How the Dutch Delta approach became an international brand. *Environmental Science & Policy*, 96, 114-122.
- Minkman, E., Letitre, P., and van Buuren, A. (2019). Reconstructing the impasse in the transfer of delta plans: evaluating the translation of Dutch water management strategies to Jakarta, Indonesia. *Journal of Environmental Planning and Management*, 62(9), 1562-1582.
- Mitchell, T. (2002). *Rule of Experts: Egypt, Technopolitics, Modernity*. Berkeley: University of California Press.
- Mosse, D. (2004). “Is Good Policy Unimplementable? Reflections on the Ethnography of Aid Policy and Practice.” *Development and Change* 35 (4): 639–671. doi:10.1111/j.0012-155X.2004.00374.x.
- Mosse, D. and Lewis, D. (2006). Theoretical approaches to brokerage and translation in development. Vol. 1, pp.1-26. Bloomfield, CT: Kumarian Press.
- Mukhtarov, F. (2014). “Rethinking the Travel of Ideas: Policy Translation in the Water Sector.” *Policy and Politics* 42 (1): 71–88. doi:10.1332/030557312X655459.
- Mukhtarov, F., de Jong, M., and Pierce, R. (2017). Political and ethical aspects in the ethnography of policy translation: Research experiences from Turkey and China. *Environment and Planning A: Economy and Space*, 49(3), 612-630.
- Mukhtarov, F., Brock, A., Janssen, S., and Guignier, A. (2013). Actors and strategies in translating global conservation narratives to Vietnam: An agency perspective. *Policy and Society*, 32(2), 113-124.
- NEDECO. (1993). *Master Plan for the Mekong Delta in Vietnam: A Perspective for Sustainable Development of Land and Water Resources*. Arnhem: Euroconsult.
- Netherlands International Water Ambition. (2019). Ministry of Infrastructure and Water Management. <https://www.rijksoverheid.nl/binaries/rijksoverheid/documenten/kamerstukken/2019/07/04/nederlandse-internationale-waterambitie-niwa/nederlandse-internationale-waterambitie-niwa.pdf>



- Netherlands Ministry of Foreign Affairs. (2017). IOB Evaluation. Tackling major water challenges: Policy review of Dutch development aid policy for improved water management, 2006-2016  
<https://www.iob-evaluatie.nl/publicaties/beleidsdoorlichtingen/2017/12/01/418-%E2%80%93-iob-%E2%80%93-policy-review-of-dutch-development-aid-policy-for-improved-water-management-2006-2016-%E2%80%93-tackling-major-water-challenges>
- Netherlands Ministry of Finance. (2013). Interministerial Policy Review: Towards a new definition of development cooperation Considerations on ODA.  
<https://www.government.nl/documents/reports/2013/06/03/towards-a-new-definition-of-development-cooperation-considerations-on-oda>
- Netherlands Ministry of Foreign Affairs. (2013). A World to Gain: A New Agenda for Aid, Trade and Investment.  
<https://www.government.nl/documents/letters/2013/04/05/global-dividends-a-new-agenda-for-aid-trade-and-investment>
- Netherlands Ministry of Foreign Affairs, n.d. Secure water safety and food security for Bangladesh. <https://twynstra.com/strategy-institutional-bangladesh-delta-plan-2100/>
- Netherlands Ministry of Foreign Affairs. nd. Strategy Institutional Bangladesh Delta Plan 2100. <https://twynstra.com/strategy-institutional-bangladesh-delta-plan-2100/>.
- Netherlands National Water Plan 2016-2021. <https://www.government.nl/documents/policy-notes/2015/12/14/national-water-plan-2016-2021>.
- Netherlands National Water Plan 2009 – 2015. [https://www.noordzeeloket.nl/en/Images/National%20Waterplan%20E%20version\\_3014.pdf](https://www.noordzeeloket.nl/en/Images/National%20Waterplan%20E%20version_3014.pdf)
- Netherlands Organisation for Scientific Research. n.d. Urbanising Deltas of the World. <https://www.nwo.nl/en/researchprogrammes/urbanising-deltas-world-udw-0>
- Netherlands Water Partnership. (2014). The Delta Approach. Preconditions for Sustainable Delta Management. NWP, The Hague.
- Newmark, A. J. (2005). “An Integrated Approach to Policy Transfer and Diffusion.” *Review of Policy Research* 19 (2): 151–178. doi:10.1111/j.1541-1338.2002.tb00269.x.
- Nguyen, K. V., O. V. Vo, and D. N. Huynh. (2015). “Comparing the Costs and Benefits of Floating Rice-Based and Intensive Rice-Based Farming Systems in the Mekong Delta.” *Asian Journal of Agriculture and Rural Development* 5 (9): 202–217. doi:10.18488/journal.1005/2015.5.9/1005.9.202.217.
- Ohno, Y. 2019. Comparing cooperation between Vietnam-the Netherlands and Vietnam-Japan to understand how water flows are shaped by development activities - a case study of Mekong delta, Vietnam. MSc dissertation. IHE Delft. doi: [https://strategic-delta-planning.un-ihe.org/sites/strategic-delta-planning.un-ihe.org/files/wmg.19-20.yukiko\\_ohno-revised-1.pdf](https://strategic-delta-planning.un-ihe.org/sites/strategic-delta-planning.un-ihe.org/files/wmg.19-20.yukiko_ohno-revised-1.pdf)

- 
- Peck, J., and Theodore, N. (2015). *Fast Policy: Experimental Statecraft at the Thresholds of Neo Liberalism*. University of Minnesota Press, Minneapolis.
- Peck, J., and Theodore, N. (2012). Follow the policy: a distended case approach. *Environ. Plan. A* 44, 21–30.
- Peck, J., and Theodore, N. (2010). Mobilizing policy: Models, methods, and mutations. *Geoforum*, 41(2), 169-174.
- Porto de Oliveira, O., and Pal, L.A. (2018). New frontiers and directions in policy transfer, diffusion and circulation research: agents, spaces, resistance, and translations. *Revista de Administração Pública* 52 (2), 199–220.
- Richter, S. (2020). The Translation of Polder. *The Oxford Handbook of Translation and Social Practices*, 223.
- Richter, S. (2019). The Dutch international water sector needs storytellers. FLOWs. <https://flows.hypotheses.org/3852>.
- Rogers, E. M. (1962). *Diffusion of Innovations*. New York, USA: The Free Press.  
doi: <https://teddykw2.files.wordpress.com/2012/07/everett-m-rogers-diffusion-of-innovations.pdf>
- RVO. (2015). <https://www.dutchwatersector.com/solutions/projects/368-bangladesh-delta-plan-2100.html>.
- RVO. n.d. <https://www.hollandtradeandinvest.com/key-sectors/water>
- Savage, R. L. (1985). “Diffusion Research Traditions and the Spread of Policy Innovations in a Federal System.” *Publius: The Journal of Federalism* 15 (4): 1–28.  
doi:10.1093/oxfordjournals.pubjof.a037561.
- Seijger, C., Douven, W. J. A. M., van Halsema, G., Hermans, L., Evers, J., Phi, H. L., & Koole, S. (2017). An analytical framework for strategic delta planning: negotiating consent for long-term sustainable delta development. *Journal of Environmental Planning and Management*, 60(8), 1485-1509. doi:10.1080/09640568.2016.1231667.
- Shipan, C. R., & Volden, C. (2012). Policy diffusion: Seven lessons for scholars and practitioners. *Public Administration Review*, 72(6), 788-796.
- Shannon, M. (2019). African urban development in a Post-Aid Era: The'dutch approach'to urban restructuring in Beira City, Mozambique. *Built Environment*, 44(4), 397-419.
- Stone, D., Porto de Oliveira, O., and Pal, L. A. (2020). Transnational policy transfer: the circulation of ideas, power and development models. *Policy and Society*, 39(1), 1-18.
- Stone, D. (1999). Learning lessons and transferring policy across time, space and disciplines. *Politics*, 19(1), 51-59.

- Stravens, M. Time for counteraction. *Vice Versa*, vol. 52, 3, December 2018, p. 58-61.  
[https://hetnieuwe.viceversaonline.nl/site/wp-content/uploads/2018/12/VV18WATERSPECIAL\\_Engels.pdf](https://hetnieuwe.viceversaonline.nl/site/wp-content/uploads/2018/12/VV18WATERSPECIAL_Engels.pdf).
- Terwisscha Van Scheltinga, C., van Aalst, M., Taibur Rahman, M., Mafidul Islam, M., de Heer, J., Giasuddin Choudhury, M., Veerbeek, W., Ludwig, F. (2015). Scenario Development for the Bangladesh Delta Plan. Paper for Oral Presentation at the International Amsterdam Water Week.
- Terwisscha, Catharien van Scheltinga et al. (2013). Capacity Development in Scenario Development in Integrated Water Resources Management in Bangladesh.” in International Conference on Climate Change Impact and Adaptation (I3CIA-2013).
- Tong, Y. D. (2017). “Rice Intensive Cropping and Balanced Cropping in the Mekong Delta, Vietnam: Economic and Ecological Considerations.” *Ecological Economics* 132: 205–212. doi:10.1016/j.ecolecon.2016.10.013.
- Van Aalst, Maaïke, William Oliemans, Fulco Ludwig, Leo Beumer, Catharien Terwisscha Van Scheltinga, Kymo Slager and BDP 2100 team. (2016). Bangladesh Delta Scenarios: Process of scenario development and draft scenarios for the BDP 2100. Version 4.
- Van Alphen, J. S. L. J. (2014). “The Dutch Delta Model for Policy Analysis on Flood Risk Management in The Netherlands.” Paper presented at the 6th International Conference on Flood Management (ICFM6), São Paulo, Brazil, September 16–18.  
<http://eventos.abrh.org.br/icfm6/proceedings/papers/PAP014368.pdf>
- Van Alphen, J. (2014). The Delta Programme and Updated Flood Risk Management Policies in the Netherlands, PAP014368. <http://eventos.abrh.org.br/icfm6/proceedings/papers/PAP014368.pdf>.
- Van Alphen, J. (2013). The Delta Programme in the Netherlands: a Long-term Perspective on Flood Risk Management. IAHS-AISH publication, pp.13–20.
- Van Buuren, A., G. J. Ellen, and J. F. Warner. (2016). “Path-Dependency and Policy Learning in the Dutch Delta: Toward More Resilient Flood Risk Management in the Netherlands?” *Ecology and Society* 21 (4): 43. doi:10.5751/ES-08765-210443.
- Van Dijk, T. (2014). Ditching the Dutch? *Delft Outlook*, 2014, 3.  
<http://resolver.tudelft.nl/uuid:f6f80379-72ad-4e50-81f7-ff2555dcd207>
- Van Raaij, B. (2018). Bangladesh wapent zich tegen stijgende zeespiegel en steeds zwaardere stormen. <https://www.volkskrant.nl/nieuws-achtergrond/bangladesh-wapent-zich-tegen-stijgende-zeespiegel-en-steeds-zwaardere-stormen~b30e5134/?referer=https%3A%2F%2Fwww.google.com%2F>.
- Vink, M. J., Boezeman, D., Dewulf, A., & Termeer, C. J. (2013). Changing climate, changing frames: Dutch water policy frame developments in the context of a rise and fall of attention to climate change. *Environmental Science & Policy*, 30, 90-101.

- Walker, J. L. (1969). "The Diffusion of Innovations among the American States". *American Political Science Review* 63 (3): 880–899.  
doi:10.1017/S0003055400258644.
- Wanvoeke, J., Venot, J. P., Zwarteveen, M., & de Fraiture, C. (2015). Performing the success of an innovation: The case of smallholder drip irrigation in Burkina Faso. *Water International*, 40(3), 432-445.
- Weger, J. (2019). The Vietnamization of delta management: The Mekong Delta Plan and politics of translation in Vietnam. *Environmental Science & Policy*, 100, 183-188.
- White, I. (2002). *Water Management in the Mekong Delta: Changes, Conflicts and Opportunities*. Paris: UNESCO.
- Yarina, L. (2018). Your sea wall won't save you. *Places Journal*.  
<https://placesjournal.org/article/your-sea-wall-wont-save-you/>
- Zegwaard, A., M. Zwarteveen, G. van Halsema, and A. Petersen. (2019). "Sameness and Difference in Delta Planning." *Environmental Science and Policy* 94: 237–244.
- Zevenbergen, C., S. van Herk, J. Rijke, P. Kabat, P. Bloemen, R. Ashley, A. Speers, B. Gersonius, and W. Veerbeek. (2013). "Taming Global Flood Disasters: Lessons Learned from Dutch Experience." *Natural Hazards* 65 (3): 1217–1225.  
doi:10.1007/s11069-012-0439-3.
- Zwarteveen, M., A. Zegwaard, M.A. Verzijl and G. Galli. (2018). Dutch delta masterplans: what makes them travel and what makes them Dutch?  
<https://flows.hypotheses.org/1483>
- Zwarteveen, M. (2015). *Regulating water, ordering society: practices and politics of water governance*. Inaugural Lecture, University of Amsterdam.
- Zwarteveen, M. (2009). The virtues of new water knowledge. *Irrigation and Drainage*, 58(S2), S188-S194.
- Zwarteveen, M., Kemerink-Seyoum, J. S., Kooy, M., Evers, J., Guerrero, T. A., Batubara, B., ... & Wesselink, A. (2017). Engaging with the politics of water governance. *Wiley Interdisciplinary Reviews: Water*, 4(6), e1245.



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## ABOUT THE AUTHOR

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Born and grown up in the capital city Dhaka, Shahnoor had little connection with the environment and people in the delta in Bangladesh before embarking on her PhD research. She was more curious to understand the environment in general: how it functions and how it can be managed. For her undergraduate studies, she chose to follow her interest towards the environment and graduated with a BSc degree in Environmental Studies from North South University in 2007. In 2009, Shahnoor obtained her MSc degree in Environment Management (magna cum laude with specialization in water quality assessment) from Independent University, Bangladesh. For her MSc thesis, she studied the prevalence of persistent organic pollutants and pesticide residues in seasonal waters of rural Bangladesh.

Continuing with her career development, Shahnoor worked as a lecturer during 2010-2013 at her alma mater - the School of Environmental Science and Management in the Independent University, Bangladesh. She later joined the Centre for Sustainable Development, University of Liberal Arts Bangladesh as a senior lecturer on environmental management. At ULAB, she conceptualized, mobilized funds for and led research programs on urban rainwater harvesting and on bioaccumulation of chromium in food chain. Simultaneously, she led a project that aimed to inspire her colleagues and students to value, adapt with and practice sustainable production and consumption. The project activities entailed research on water and energy consumption; establishing public-private partnerships with the university for sustainable energy and water use; solid waste and paper recycling; and bringing in behavioural change in the wider university community of students, academics, and administrative staff. In the course of dissemination and the societal and classroom communication of her research outcomes on food safety, Shahnoor became curious to understand and navigate the science-policy interface in research.

Her curiosity drove her to undertake a PhD research on delta planning in the Netherlands in 2015. Because of her PhD research outcomes, Shahnoor has become a part of a growing body of researchers who calls for the Government of the Netherlands to rethink how to exchange Dutch water and delta knowledge and expertise. In doing the doctoral research, much of her research interests shifted from water quality, food safety and behavioural change to interdisciplinary science and research with a focus on policymaking and planning for water resources, politics of knowledge production, and global governance of development cooperation. At the end of her PhD research, Shahnoor became involved in a Dutch government funded research project where she and the project members have worked on to promote and support a bottom-up planning approach in implementation of the Mekong Delta Plan in Vietnam.



## Journal publication

### *Publications directly linked to this thesis*

Hasan, S., Evers, J., Verzijl, A., and Zwarteveen, M. (under review by the WIREs Water). Deltas in dialogue: imagining policy transfer as a symmetrical conversation.

*Shahnoor Hasan planned, collected and analysed data from field research for this article. Jaap Evers and Margreet Zwarteveen supervised the work and contributed to the data analyses. Shahnoor Hasan drafted the manuscript. Jaap Evers, Andres Verzijl and Margreet Zwarteveen critically revised the article for onward submission to the journal.*

Hasan, S., Evers, J., and Zwarteveen, M. (under review by the Water Alternatives). The work that goes into policy transfer: Making the Dutch Delta Approach travel.

*Shahnoor Hasan planned, collected and analysed data from field research for this article. Jaap Evers and Margreet Zwarteveen supervised the work and contributed to the data analyses. Shahnoor Hasan drafted the manuscript. Jaap Evers and Margreet Zwarteveen critically revised the article for onward submission to the journal.*

Hasan, S., Evers, J., and Zwarteveen, M. (2020). The transfer of Dutch Delta Planning expertise to Bangladesh: A process of policy translation. *Environmental Science & Policy*, 104, 161-173.

*Shahnoor Hasan planned, collected and analysed data from field research for this article. Jaap Evers and Margreet Zwarteveen supervised the work and contributed to the data analyses. Shahnoor Hasan drafted the manuscript. Jaap Evers and Margreet Zwarteveen critically revised the article for onward submission to the journal and during subsequent revisions.*

Hasan, S., Evers, J., Zegwaard, A., and Zwarteveen, M. (2019). Making waves in the Mekong Delta: recognizing the work and the actors behind the transfer of Dutch delta planning expertise. *Journal of Environmental Planning and Management*, 62(9), 1583-1602.

*Shahnoor Hasan planned, collected and analysed data from field research for this article. Jaap Evers, Arjen Zegwaard and Margreet Zwarteveen supervised the work and contributed to the data analyses. Shahnoor Hasan drafted the manuscript. Jaap Evers and Margreet Zwarteveen critically revised the article for onward submission to the journal and during subsequent revisions.*

### *Other peer-reviewed publication*

Evers, J., Douven, W., Van der Stroom, J., Hasan, S., Seijger, C., and Phi, H. L. (2019). A framework to assess the performance of participatory planning tools for strategic delta planning. *Journal of Environmental Planning and Management*, 62(9), 1636-1653.

Zwarteveen, M., J.S. Kemerink-Seyoum, M. Kooy, J. Evers, T.A. Guerrero, B. Batubara, A. Biza, A.S. Boakye-Ansah, S. Faber, A.C. Flamini, G. Cuadrado-Quesada, E. Fantini, J. Gupta, S. Hasan, R. ter Horst, H. Jamali, F. Jaspers, P. Obani, K. Schwartz, Z. Shubber, H. Smit, P. Torio, M. Tutusaus and Anna Wesselink. (2017). Engaging with the politics of water governance, Opinion piece, WIREs Water, 2017, e01245.

Seijger, C., Douven, W. J. A. M., van Halsema, G., Hermans, L., Evers, J., Phi, H. L., Khan, M. F., Brunner, J., Pols, L., Ligtvoet, W., Koole, S., Slager, K., Vermoolen, M.S., Hasan S., and Hoang, V. T. M. (2017). An analytical framework for strategic delta planning: negotiating consent for long-term sustainable delta development. *Journal of Environmental Planning and Management*, 60(8), 1485-1509.

*Scientific blog*

Hasan, S. (2019). Flipping the perspective on the Dutch Delta Approach. FLOWs. doi: <https://flows.hypotheses.org/4548>

Hasan, S. (2018). The Dutch delta expertise in the eyes of a Bangladeshi researcher. FLOWs. doi: <https://flows.hypotheses.org/1511>





UNIVERSITY OF AMSTERDAM

This thesis explores different ways to conceptualize, think of and discuss policy transfers in international cooperation contexts. It takes issue with conventional analyses of policy transfer in diffusion terms, as these both assume and create hierarchies in knowledge and expertise between the origin and the destination of transfer. Especially in the context of development cooperation, the diffusion narrative also represents transfer as a unilateral process importantly steered by its initiators. The thesis experiments with telling the story of the transfer of the Dutch Delta Approach to Vietnam and Bangladesh differently, as a process of policy translation.

This is a more agnostic way of understanding transfer, one that does not a priori identify with the 'goodness' of transferred policies, nor intends to support the originators of transfers. The thesis shows that understanding transfer-as-translation allows acknowledging its deeply dialogic and relational character. This in turn paves the way for re-imagining policy transfer as a "symmetrical conversation": a conversation in which many knowers are dialoguing and learning to co-develop policies. It also opens up discussion about how to assess the success of policy transfer, and provokes re-thinking of how different knowledges and knowers (should) relate to each other.