

Small Island Developing States (SIDS) and Climate Change

Peer-reviewed papers.

If you cannot access any of the documents below, then please contact me.

Ilan Kelman, University College London, U.K. and University of Agder, Kristiansand, Norway

<http://www.ilankelman.org> and Twitter [@IlanKelman](https://twitter.com/IlanKelman)

Island Vulnerability and Resilience: <http://www.islandvulnerability.org>

These publications are part of Many Strong Voices <http://www.manystrongvoices.org> and see also:

- 1973-1977 Bradford Disaster Research Unit, U.K.: <http://www.ilankelman.org/bdru.html>
- 1974-1976 UNESCO programme in Fiji: <http://www.islandvulnerability.org/mabfiji.html>
- 1981-1992 Pan Caribbean Disaster Preparedness and Prevention Project (PCDPPP) <http://www.islandvulnerability.org/pcdppp.html>
- 1989 Maldives conference on sea-level rise: <http://www.islandvulnerability.org/slr1989.html>

I would be happy to receive your work on these topics so that I could learn from it. Thank you!

SIDS and Climate Change

- Grydehøj, A. and I. Kelman. 2017. "The Eco-Island Trap: Climate Change Mitigation and Conspicuous Sustainability". *Area*, vol. 49, no. 1, pp. 106-113.
<https://doi.org/10.1111/area.12300>
- Hess, J. and I. Kelman. 2017. "Tourism Industry Financing of Climate Change Adaptation: Exploring the Potential in Small Island Developing States". *Climate, Disaster and Development Journal*, vol. 2, no. 2, pp. 33-45.
Free at <https://doi.org/10.18783/cddj.v002.i02.a04>
- Kelman, I. 2006. "Island Security and Disaster Diplomacy in the Context of Climate Change". *Les Cahiers de la Sécurité*, vol. 63, pp. 61-94. Free in English and French at <http://www.disasterdiplomacy.org/publications.html#kelman2006b>
- Kelman, I. 2010. "Hearing local voices from Small Island Developing States for climate change". *Local Environment*, vol. 15, no. 7, pp. 605-619.
<https://doi.org/10.1080/13549839.2010.498812>
- Kelman, I. 2014. "No Change from Climate Change: Vulnerability and Small Island Developing States (SIDS)". *The Geographical Journal*, vol. 180, no. 2, pp. 120-129.
<https://doi.org/10.1111/geoj.12019>
- Kelman, I. 2018. "Islandness within climate change narratives of small island developing states (SIDS)". *Island Studies Journal*, vol. 13, no. 1, pp. 149-166.
Free at <https://doi.org/10.24043/isj.52>
- Kelman, I. and S. Khan. 2013. "Progressive climate change and disasters: island perspectives". *Natural Hazards*, vol. 69, no. 1, pp. 1131-1136. <https://doi.org/10.1007/s11069-013-0721-z>
- Kelman, I., J. Mercer, and J. West. 2009. "Combining different knowledges: community-based climate change adaptation in small island developing states". *Participatory Learning and Action Notes*, no. 60, pp. 41-53. Free in English and Arabic at <http://pubs.iied.org/G02812>
- Kelman, I. and J. West. 2009. "Climate Change and Small Island Developing States: A Critical Review". *Ecological and Environmental Anthropology*, vol. 5, no. 1, pp. 1-16.
Free at <http://www.ilankelman.org/articles1/eea2009.pdf>
- Le Masson, V. and I. Kelman. 2011. "Entendre les préoccupations des populations des petits états insulaires en développement dans l'adaptation au changement climatique". *Vertigo*, vol. 10, no. 3, online. Free in French at <http://vertigo.revues.org/10572>

- Mercer, J., I. Kelman, B. Alfthan, and T. Kurvits. 2012. "Ecosystem-based Adaptation to Climate Change in Caribbean Small Island Developing States: Integrating Local and External Knowledge". *Sustainability*, vol. 4, no. 8, pp. 1908-1932.
Free at <https://doi.org/10.3390/su4081908>
- Mercer, J., T. Kurvits, I. Kelman, and S. Mavrogenis. 2014. "Ecosystem-Based Adaptation for Food Security in the AIMS SIDS: Integrating External and Local Knowledge". *Sustainability*, vol. 6, no. 9, pp. 5566-5597. Free at <https://doi.org/10.3390/su6095566>
- Stancioff, C.E., R. Stojanov, I. Kelman, D. Němec, J. Landa, R. Tichy, D. Prochazka, G. Brown, and C.L. Hofman. 2018. "Local Perceptions of Climate Change Impacts in St. Kitts (Caribbean Sea) and Malé, Maldives (Indian Ocean)". *Atmosphere*, vol. 9, no. 12, article 459.
Free at <https://doi.org/10.3390/atmos9120459>

Migration, Islands, and Climate Change

- Kelman, I. 2015. "Difficult decisions: Migration from Small Island Developing States under climate change". *Earth's Future*, vol. 3, no. 4, pp. 133-142.
Free at <https://doi.org/10.1002/2014EF000278>
- Kelman, I. 2019. "Imaginary Numbers of Climate Change Migrants?" *Social Sciences*, vol. 8, no. 5, article 131. Free at <https://doi.org/10.3390/socsci8050131>
- Kelman, I. and S. Khan. 2012. "Tracking a moving target of migration: island perspectives". *Disaster Prevention and Management*, vol. 21, no. 5, pp. 634-639.
<https://doi.org/10.1108/09653561211278752>
- Kelman, I., J. Orłowska, H. Upadhyay, R. Stojanov, C. Webersik, A.C. Simonelli, D. Procházka, and D. Němec. 2019. "Does climate change influence people's migration decisions in Maldives?" *Climatic Change*, vol. 153, no. 1-2, pp. 285-299. Free at <https://doi.org/10.1007/s10584-019-02376-y>
- Kelman, I., R. Stojanov, S. Khan, O.A. Gila, B. Duží, and D. Vikhrov. 2014. "Islander mobilities: Any change from climate change?" *International Journal of Global Warming*, vol. 8, no. 4, pp. 584-602. Free at <https://doi.org/10.1504/IJGW.2015.073056>
- Kelman, I., H. Upadhyay, A.C. Simonelli, A. Arnall, D. Mohan, Lingaraj G J, S. Nair, and C. Webersik. 2017. "Here and Now: Perceptions of Indian Ocean Islanders on the Climate Change and Migration Nexus". *Geografiska Annaler: Series B, Human Geography*, vol. 99, no. 3, pp. 284-303. <https://doi.org/10.1080/04353684.2017.1353888>
- Stojanov, R., B. Duží, I. Kelman, D. Němec, and D. Procházka. 2017. "Local Perceptions of Climate Change Impacts and Migration Patterns in Malé, Maldives". *The Geographical Journal*, vol. 183, no. 4, pp. 370-385. <https://doi.org/10.1111/geoj.12177>
- Stojanov, R., I. Kelman, S. Shen, B. Duží, H. Upadhyay, D. Vikhrov, G.J. Lingaraj, and A. Mishra. 2014. "Contextualising Typologies of Environmentally Induced Population Movement". *Disaster Prevention and Management*, vol. 23, no. 5, pp. 508-523.
Free at <https://doi.org/10.1108/DPM-09-2013-0152>
- Upadhyay, H., I. Kelman, G.J. Lingaraj, A. Mishra, C.M. Shreve, and R. Stojanov. 2015. "Conceptualizing and Contextualizing Research and Policy for Links between Climate Change and Migration". *International Journal of Climate Change Strategies and Management*, vol. 7, no. 3, pp. 394-417.
Free at <https://doi.org/10.1108/IJCCSM-05-2014-0058>

Vulnerability and Resilience Theory

- Kelman, I. 2008. "Relocalising Disaster Risk Reduction for Urban Resilience". *Urban Design and Planning*, vol. 161, no. DP4, pp. 197-204.
Free at <http://www.ilankelman.org/articles1/kelman2008udp.pdf>
- Kelman, I. 2014. "Climate Change and Other Catastrophes: Lessons from Island Vulnerability and Resilience". *Moving Worlds*, vol. 4, no. 2, pp. 127-140.
<http://www.movingworlds.net/volumes/14/catastrophe-and-environment>
- Kelman, I. 2019. "Islands of vulnerability and resilience: Manufactured stereotypes?" *Area*, in press.
<https://doi.org/10.1111/area.12457> and free to read at <http://rdcu.be/2638>
- Kelman, I., JC Gaillard, J. Lewis, and J. Mercer. 2016. "Learning from the history of disaster vulnerability and resilience research and practice for climate change". *Natural Hazards*, vol. 82, no. S1, pp. S129-S143. Free at <https://doi.org/10.1007/s11069-016-2294-0>
- Kelman, I., JC Gaillard, and J. Mercer. 2015. "Climate Change's Role in Disaster Risk Reduction's Future: Beyond Vulnerability and Resilience". *International Journal of Disaster Risk Science*, vol. 6, no. 1, pp. 21-27. Free at <https://doi.org/10.1007/s13753-015-0038-5>
- Kelman, I. and J. Lewis. 2005. "Ecology and Vulnerability: Islands and Sustainable Risk Management". *International Journal of Island Affairs*, vol. 14, no. 2, pp. 4-12.
Free at <http://www.ilankelman.org/articles1/kelmanlewis2005.pdf>
- Lewis, J. and I. Kelman. 2010. "Places, people and perpetuity: Community capacities in ecologies of catastrophe". *ACME: An International E-Journal for Critical Geographies*, vol. 9, no. 2, pp. 191-220. Free at <https://acme-journal.org/index.php/acme/article/view/866>
- Lewis, J., I. Kelman, and S.A.V. Lewis. 2011. "Is 'fear itself' the only thing we have to fear? Explorations of psychology in perceptions of the vulnerability of others". *The Australasian Journal of Disaster and Trauma Studies*, vol. 2011-3, pp. 89-104.
Free at http://www.massey.ac.nz/~trauma/issues/2011-3/AJDTS_2011-3_03_Lewis.pdf
- Weichselgartner, J. and I. Kelman. 2014. "Challenges and opportunities for building urban resilience". *A/Z ITU Journal of the Faculty of Architecture*, vol. 11, no. 1, pp. 20-35.
Free at <http://www.az.itu.edu.tr/azvol11no1web/05-WeichselgartnerKelman-1101.pdf>
- Weichselgartner, J. and I. Kelman. 2015. "Geographies of resilience: Challenges and opportunities of a descriptive concept". *Progress in Human Geography*, vol. 39, no. 3, pp. 249-267.
Free at <https://doi.org/10.1177/0309132513518834>

Islands and Sustainability

- Baldacchino, G. and I. Kelman. 2014. "Critiquing the pursuit of island sustainability: Blue and Green, with hardly a colour in between". *Shima: The International Journal of Research into Island Cultures*, vol. 8, no. 2, pp. 1-21. Free at
<http://www.shimajournal.org/issues/v8n2/c.-Baldacchino-&-Kelman-Shima-v8n2-1-21.pdf>
- Grydehøj, A. and I. Kelman. 2016. "Smart Eco-Cities: Islands of Innovation, Secessionary Enclaves, and the Selling of Sustainability". *Urban Island Studies*, vol. 2, pp. 1-24. Free at
<http://www.urbanislandstudies.org/UIS-2-Grydehoj-Kelman-Island-Smart-Eco-Cities.pdf>
- Kelman, I. 2007. "Sustainable Livelihoods from Natural Heritage on Islands". *Island Studies Journal*, vol. 2, no. 1, pp. 101-114. Free at
<http://www.islandstudies.ca/sites/vre2.upei.ca.islandstudies.ca/files/u2/ISJ-2-1-2007-Kelman-pp101-114.pdf>
- Kelman, I., T.R. Burns, and N. Machado des Johansson. 2015. "Islander innovation: A research and action agenda on local responses to global issues". *Journal of Marine and Island Cultures*, vol. 4, no. 1, pp. 34-41.
Free at <https://doi.org/10.1016/j.imic.2015.04.001>

Islands and Disaster Risk Reduction (A selection)

- Baarsch, F. and I. Kelman. 2016. "Insurance mechanisms for tropical cyclones and droughts in Pacific Small Island Developing States (SIDS)". *Jàmbá: Journal of Disaster Risk Studies*, vol. 8, no. 1, article 288. Free at <https://doi.org/10.4102/jamba.v8i1.288>
- Kelman, I. 2015. "Disaster Risk Governance for Pacific Island Communities". *The Asia-Pacific Journal*, vol. 13, no. 48, article 1 (December 14, 2015). Free at <http://japanfocus.org/-Ilan-Kelman/4406/article.html>
- Kelman, I. 2017. "How can island communities deal with environmental hazards and hazard drivers, including climate change?" *Environmental Conservation*, vol. 44, no. 3, pp. 244-253. <https://doi.org/10.1017/S0376892917000042>
- Kelman, I. 2019. "Pacific island regional preparedness for El Niño". *Environment, Development and Sustainability*, vol. 21, no. 1, pp. 405-428. Free at <https://doi.org/10.1007/s10668-017-0045-3>
- Kelman, I., M. Davies, T. Mitchell, I. Orr, and B. Conrich. 2006. "Island Disaster Para-Diplomacy in the Commonwealth". *The Round Table: The Commonwealth Journal of International Affairs*, vol. 95, no. 386, pp. 561-574. <https://doi.org/10.1080/00358530600929925>
- Kelman, I. and JC Gaillard. 2009. "Challenges and Opportunities of Disaster-Related Public Anthropology". *Asian Journal of Environment and Disaster Management*, vol. 1, no. 2, pp. 119-139. <https://doi.org/10.3850/S1793924009000194>
- Kelman, I., J. Lewis, JC Gaillard, and J. Mercer. 2011. "Participatory action research for dealing with disasters on islands". *Island Studies Journal*, vol. 6, no. 1, pp. 59-86. Free at http://www.islandstudies.ca/sites/islandstudies.ca/files/ISJ-6-1-2011-Kelman-et-al_0.pdf
- Kelman, I., J. Lewis, JC Gaillard, and J. Mercer. 2015. "Island contributions to disaster research". *Global Environment*, vol. 8, pp. 16-37. <https://doi.org/10.3197/ge.2015.080102>
- Le Masson, V. and I. Kelman. 2011. "Disaster risk reduction on non-sovereign islands: La Réunion and Mayotte, France". *Natural Hazards*, vol. 56, no. 1, pp. 251-273. <https://doi.org/10.1007/s11069-010-9566-x>
- Mercer, J., D. Dominey-Howes, I. Kelman, and K. Lloyd. 2007. "The Potential for Combining Indigenous and Western Knowledge in Reducing Vulnerability to Environmental Hazards in Small Island Developing States". *Environmental Hazards*, vol. 7, no. 4, pp. 245-256. <https://doi.org/10.1016/j.envhaz.2006.11.001>
- Mercer, J. and I. Kelman. 2010. "Living alongside a volcano in Baliau, Papua New Guinea". *Disaster Prevention and Management*, vol. 19, no. 4, pp. 412-422. <https://doi.org/10.1108/09653561011070349>
- Mercer, J., I. Kelman, S. Suchet-Pearson, and K. Lloyd. 2009. "Integrating indigenous and scientific knowledge bases for disaster risk reduction in Papua New Guinea". *Geografiska Annaler: Series B, Human Geography*, vol. 91, no. 2, pp. 157-183. <https://doi.org/10.1111/j.1468-0467.2009.00312.x>