

## Halvard Buhaug

Born 9 Sept. 1972

### Research Professor

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### Adjunct Professor

Department of Sociology and Political Science  
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### Bio Note

I am Research Professor at the Peace Research Institute Oslo (PRIO); Professor of Political Science at the Norwegian University of Science and Technology (NTNU); and Associate Editor of *Journal of Peace Research* and *Political Geography*. I lead and have directed a number of research projects on security dimensions of climate change, funded by the European Commission, the US Department of Defense Minerva Program, the UN Office for the Coordination of Humanitarian Affairs (OCHA), the World Bank, and the Research Council of Norway. Recent publications include the co-authored *Inequality, Grievances, and Civil War* (Cambridge University Press 2013) and journal articles in, inter alia, *Environmental Research Letters*, *Global Environmental Change*, *International Security*, *Journal of Conflict Resolution*, and *PNAS*. I am contributing author to the *IPCC Fifth Assessment Report*, recipient of the International Studies Association's (ISA) *Karl Deutsch Award* 2015 and holder of an ERC Consolidator Grant.

### Academic Education

2005 PhD Political Science, thesis title *The Geography of Armed Civil Conflict*, NTNU  
2001 Cand.polit. Political Science, NTNU  
1998 Cand.mag. Political Science, History, and English, NTNU

### Employment

2012– Professor of Political Science, NTNU (20%)  
2007 Assistant Professor of Political Science, NTNU (20%)  
2006– Senior Researcher at PRIO; Research Professor since 2011  
2002–05 Associate Researcher, PRIO (part-time)  
2001–05 Research Fellow, NTNU; PhD student from 2002

### Other Background

1991 *Examen artium*, Orkdal videregående skole  
1991–92 Norwegian Army Air Defense Academy [Hærens befalsskole for lett luftvernartilleri]  
1992–94 Platoon commander/air defense radar instructor, Brigade North, Bardufoss

### ISA Participation and Commitments

\* Attended 15 ISA Annual Conventions since 2002, in the following capacities:

- \* paper presenter: 24
- \* panel chair: 5
- \* panel discussant: 5
- \* roundtable participant: 2
- \* panel organizer: 7

\* Organizer (w/ Ariel Dinar and Thomas Bernauer) of ISA workshop on 'Water Security', New Orleans, 2010

\* Program chair (w/ Sara Mitchell), joint ISA-Peace Science Society conference, Budapest, 2013

## PUBLICATIONS

### Monograph

Cederman, L.-E., K.S. Gleditsch, and H. Buhaug. 2013. *Inequality, Grievances, and Civil War*. New York: Cambridge University Press.

\* *Annual Best Book 2015*; International Studies Association (ISA)

\* *Book of the Year 2014*; American Political Science Association (APSA) Conflict Processes Section

\* *Book of the Year 2014*; Conflict Research Society (CRS)

\* *NEPS Medal 2014*; Network of European Peace Scientists (NEPS)

### Journal Articles [Reverse chronological order]

Benjaminsen, T.A., H. Buhaug, F. McConnell, J. Sharp, and P.E. Steinberg. 2017. Political Geography and the Environment [Editorial]. *Political Geography* 56: A1–A2.

Buhaug, H. 2016. Climate Change and Conflict: Taking Stock. *Peace Economics, Peace Science, and Public Policy* 22(4): 331–338.

von Uexkull, N., M. Croicu, H. Fjelde, and H. Buhaug, 2016. Civil Conflict Sensitivity to Growing-Season Drought. *Proceedings of the National Academy of Sciences of the United States of America* 113(44): 12391–12396.

Hegre, H., H. Buhaug, K.V. Calvin, J. Nordkvelle, S.T. Waldhoff, and E. Gilmore. 2016. Forecasting civil conflict along the shared socioeconomic pathways. *Environmental Research Letters* 11(5): 054002.

Buhaug, H., L.-E. Cederman, and K.S. Gleditsch. 2016. Ulikhet, eksklusjon og borgerkrig [Inequality, Exclusion, and Civil War]. *Politica* 48(1): 12–29.

Buhaug, H., F. McConnell, J. Sharp, J.D. Sidaway, and P.E. Steinberg. 2016. Changes at Political Geography [Editorial]. *Political Geography* 50: A1–A2.

Buhaug, H., T.A. Benjaminsen, E. Sjaastad, and O.M. Theisen. 2015. Climate Variability, Food Production Shocks, and Violent Conflict in Sub-Saharan Africa. *Environmental Research Letters* 10(12): 125015.

Buhaug, H. 2015. Climate-Conflict Research: Some Reflections on the Way Forward. *WIREs Climate Change* 6(3): 269–275.

Linke, A.M., S. Schutte, and H. Buhaug. 2015. Population Attitudes and the Spread of Political Violence in Africa. *International Studies Review* 17(1): 26–45.

Tollefsen, A.F. and H. Buhaug. 2015. Insurgency and Inaccessibility. *International Studies Review* 17(1): 6–25.

Böhmelt, T., T. Bernauer, H. Buhaug, N.P. Gleditsch, T. Tribaldos, and G. Wischnath. 2014. Demand, Supply, and Restraint: Determinants of Domestic Water Conflict and Cooperation. *Global Environmental Change* 29: 337–348.

Wischnath, G. and H. Buhaug. 2014. Rice or Riots: On Food Production and Conflict Severity across India. *Political Geography* 43: 6–15.

Buhaug, H., J. Nordkvelle, T. Bernauer, T. Böhmelt, M. Brzoska, J.W. Busby, A. Ciccone, H. Fjelde, E. Gartzke, N.P. Gleditsch, J.A. Goldstone, H. Hegre, H. Holtermann, V. Koubi, J.S.A. Link, P.M. Link, P. Lujala, J. O'Loughlin, C. Raleigh, J. Scheffran, J. Schilling, T.G. Smith, O.M. Theisen, R.S.J. Tol, H. Urdal, N. von Uexkull. 2014. One Effect to Rule Them All? A Comment on Climate and Conflict. *Climatic Change* 127(3–4): 391–397.

Buhaug, H., L.-E. Cederman, and K.S. Gleditsch. 2014. Square Pegs in Round Holes: Inequalities, Grievances, and Civil War. *International Studies Quarterly* 58(2): 418–431.

Buhaug, H., J. Levy, and H. Urdal. 2014. 50 Years of Peace Research: An Introduction to the *Journal of Peace Research* Anniversary Special Issue. *Journal of Peace Research* 51(2): 139–144.

- Wischnath, G. and H. Buhaug. 2014. On Climate Variability and Civil War in Asia. *Climatic Change* 122(4): 709–721.
- Buhaug, H. 2014. Concealing Agreements over Climate-Conflict Results. *Proceedings of the National Academy of Sciences of the United States of America* 111(6): E636.
- Theisen, O.M., N.P. Gleditsch, and H. Buhaug. 2013. Is Climate Change a Driver of Armed Conflict? *Climatic Change* 117(3): 613–625.
- Buhaug, H. and H. Urdal. 2013. An Urbanization Bomb? Population Growth and Social Disorder in Cities. *Global Environmental Change* 23(1): 1–10.
- Bernauer, T., T. Böhmelt, H. Buhaug, N.P. Gleditsch, T. Tribaldos, E.B. Weibust, and G. Wischnath. 2012. Water-Related Intrastate Conflict and Cooperation (WARICC): A New Event Dataset. *International Interactions* 38(4): 529–545.
- Tollefsen, A.F., H. Strand, and H. Buhaug. 2012. PRIO-GRID: A Unified Spatial Data Structure. *Journal of Peace Research* 49(2): 363–374.
- Benjaminson, T.A., K. Alinon, H. Buhaug, and J.T. Buseth. 2012. Does Climate Change Drive Land-Use Conflicts in the Sahel? *Journal of Peace Research* 49(1): 97–111. Reprinted in R.A. Matthew, ed., 2014. *Environmental Security*, vol. IV. London: Sage (27–48).
- Theisen, O.M., H. Holtermann, and H. Buhaug. 2011/12. Climate Wars? Assessing the Claim that Drought Breeds Conflict. *International Security* 36(3): 79–106. Reprinted in R.A. Matthew, ed., 2014. *Environmental Security*, vol. IV. London: Sage (205–230).
- Dyrstad, K., H. Buhaug, K. Ringdal, A. Simkus, and O. Listhaug. 2011. Microfoundations of Civil Conflict Reconciliation: Ethnicity and Context. *International Interactions* 37(4): 363–387.
- Buhaug, H., K.S. Gleditsch, H. Holtermann, G. Østby, and A.F. Tollefsen. 2011. It's the Local Economy, Stupid! Geographic Wealth Dispersion and Conflict Outbreak Location. *Journal of Conflict Resolution* 55(5): 814–840.
- Rustad, S.C.A., H. Buhaug, Å. Falch, and S. Gates. 2011. All Conflict is Local: Modeling Subnational Variation in Civil Conflict Risk. *Conflict Management and Peace Science* 28(1): 15–40.
- Urdal, H., O.M. Theisen, N.P. Gleditsch, and H. Buhaug. 2010. Klimakriger? En vurdering av det faglige grunnlaget [Climate Wars? An Assessment of the Scientific Foundation]. *Norsk statsvitenskapelig tidsskrift* 26(4): 297–320.
- Buhaug, H. 2010. Reply to Burke et al.: Bias and Climate War Research. *Proceedings of the National Academy of Sciences of the United States of America* 107(51): E186–E187.
- Buhaug, H. 2010. Climate Not to Blame for African Civil Wars. *Proceedings of the National Academy of Sciences of the United States of America* 107(38): 16477–16482.
- Buhaug, H. 2010. Dude, Where's My Conflict? LSG, Relative Strength, and the Location of Civil War. *Conflict Management and Peace Science* 27(2): 107–128.
- Cederman, L.-E., H. Buhaug, and J.K. Rød. 2009. Ethno-Nationalist Dyads and Civil War: A GIS-Based Analysis. *Journal of Conflict Resolution* 53(4): 496–525.
- Buhaug, H., S. Gates, and P. Lujala. 2009. Geography, Rebel Capacity, and the Duration of Civil Conflict. *Journal of Conflict Resolution* 53(4): 544–569.
- Buhaug, H., S. Gates, H. Hegre, H. Strand, and H. Urdal, 2009. Nils Petter Gleditsch: A Lifetime Achiever. *European Political Science* 8(1): 79–89.
- Buhaug, H., L.-E. Cederman, and J.K. Rød. 2008. Disaggregating Ethno-Nationalist Civil Wars: A Dyadic Test of Exclusion Theory. *International Organization* 62(3): 531–551.
- Buhaug, H. and K.S. Gleditsch. 2008. Contagion or Confusion? Why Conflicts Cluster in Space. *International Studies Quarterly* 52(2): 215–233.
- Buhaug, H. 2007. The Future Is More than Scale: A Reply to Diehl and O'Lear. *Geopolitics* 12(1): 192–199.
- Buhaug, H. 2006. Relative Capability and Rebel Objective in Civil War. *Journal of Peace Research* 43(6): 691–708.

- Buhaug, H. and J.K. Rød. 2006. Local Determinants of African Civil Wars, 1970–2001. *Political Geography* 25(3): 315–335.
- Buhaug, H. and P. Lujala. 2005. Accounting for Scale: Measuring Geography in Quantitative Studies of Civil War. *Political Geography* 24(4): 399–418.
- Buhaug, H. 2005. Dangerous Dyads Revisited: Democracies May Not Be that Peaceful after All. *Conflict Management and Peace Science* 22(2): 95–111. Reprinted in G. Palmer, ed., 2008. *Causes and Consequences of International Conflict*. London: Routledge (122–144).
- Buhaug, H. and S. Gates. 2002. The Geography of Civil War. *Journal of Peace Research* 39(4): 417–433. Reprinted in P.F. Diehl, ed., 2005. *War*, vol. 3. London: Sage (209–229).

### **Book Chapters [Reverse chronological order]**

- Theisen, O.M., N.P. Gleditsch, and H. Buhaug. Forthcoming. Climate change and armed conflict: Reviewing the evidence. In M. Stohl, M.I. Lichbach, and P. Grabosky, eds., *States and Peoples in Conflict*. Routledge.
- Gilmore, E., H. Buhaug, and H. Hegre. 2016. Maintaining security: What can be done to prevent the pressures of climate change leading to conflict? In *Climate 2020. Rising to the Challenge*. London: United Nations Association – UK (102–103).
- Strand, H. and H. Buhaug. 2016. Armed conflict, 1946–2014. In D. Backer, R. Bhavnani, and P. Huth, eds., *Peace and Conflict 2016*. New York: Routledge (19–24).
- Hendrix, C., S. Gates, and H. Buhaug. 2016. Environment and Conflict. In T.D. Mason and S. McLaughlin Mitchell, eds., *What Do We Know about Civil War?* Lanham, MD: Rowman & Littlefield (233–246).
- Buhaug, H. and H. Seter. 2014. Environmental Change and Armed Conflict. In E. Newman and K. DeRouen, Jr., eds., *Routledge Handbook of Civil Wars*. New York: Routledge (197–210).
- Buhaug, H., H. Urdal, and G. Østby. 2013. Sustainable Cities: Urbanization and Human Security. In L. Sygna, K. O’Brien, and J. Wolf, eds., *A Changing Environment for Human Security: Transformative Approaches to Research, Policy and Action*. Cornwall: Earthscan (56–66).
- Theisen, O.M., N.P. Gleditsch, and H. Buhaug. 2012. Climate Change and Armed Conflict. In G. Brown and A. Langer, eds., *Elgar Companion to Civil War and Fragile States*. Edward Elgar (125–138).
- Buhaug, H. and O.M. Theisen. 2012. On Environmental Change and Armed Conflict. In J. Scheffran, M. Brzoska, H.G. Brauch, P.M. Link, and J. Schilling, eds., *Climate Change, Human Security and Violent Conflict. Challenges for Societal Stability*. Berlin: Springer (43–56).
- Gleditsch, N.P. and H. Buhaug. 2011. Årsaker til krig [‘Causes of War’]. In J. Hovi and R. Malnes, eds., *Anarki, makt og normer: Innføring i internasjonal politikk [Anarchy, Power, and Norms: Introduction to International Politics]*. Oslo: Abstrakt forlag (167–190).
- Buhaug, H., N.P. Gleditsch, and O.M. Theisen, 2010. Implications of Climate Change for Armed Conflict. In R. Mearns and A.P. Norton, eds., *Social Dimensions of Climate Change: Equity and Vulnerability in a Warming World*. The World Bank (75–101).
- Buhaug, H. and N.P. Gleditsch, 2006. The Death of Distance? The Globalization of Armed Conflict. In M. Kahler and B. Walter, eds., *Territoriality and Conflict in an Era of Globalization*. Cambridge: Cambridge University Press (187–216).

### **Scientific Reports [Reverse chronological order]**

- Buhaug, H. and I. Rudolfson. 2015. A Climate of Conflicts? *PRIO Conflict Trends Policy Brief* 05/2015.
- Buhaug, H. and J. Nordkvelle. 2014. Climate and Conflict: A Comment on Hsiang et al.’s Reply to Buhaug et al. *PRIO Paper*, 11 November.

- Buhaug, H., H. Hegre, and H. Strand, 2010. Sensitivity Analysis of Climate and Civil War. *PRIO Paper*, 17 November.
- Buhaug, H., S. Gates, Å. Falch, and S.A. Rustad (in collaboration with NGI, CIESIN, UNEP/GRID Europe, and Stene & Lahidji SARL), 2009. Risk Assessment and Mitigation Measures for Natural- and Conflict-Related Hazards in Asia-Pacific. Report delivered to the UN's Office for the Coordination of Humanitarian Affairs (OCHA), Bangkok, 12–13 January.
- Buhaug, H., N.P. Gleditsch, and O.M. Theisen, 2008. Implications of Climate Change for Armed Conflict. Report delivered to the workshop on *Social Dimensions of Climate Change*, World Bank, Washington, DC, 5–6 March.
- Buhaug, H., S. Gates, H. Hegre, and H. Strand, 2007. Global Trends in Armed Conflict. Report delivered to the Norwegian Ministry of Foreign Affairs, 5 October.
- Buhaug, H., 2005. *The Geography of Armed Civil Conflict*. PhD dissertation, Norwegian University of Science and Technology, Trondheim.

### **Popular Articles and Selected Media Appearances [Reverse chronological order]**

- 'Climate, peace and security', blog post on prio.org, 12 February 2017.
- 'Klima, fred og sikkerhet', *KLIMA* 26 January 2017.
- 'Food income does not link climate change and armed conflict', interview with environmentalresearchweb.org, 4 July 2016.
- Interview on climate change and conflict, *Radio Nova*, 15 January 2016.
- 'Reflections on climate-conflict research: More confusion than knowledge', guest blog post on CarbonBrief.org, 6 March 2015.
- Interview on drought and Boko Haram, *New Scientist*, January 2015.
- Interview on climate and conflict, *Science* and *New Scientist*, November 2014.
- Interview on the funding politics of the Research Council of Norway, *Morgenbladet*, 9 May 2014.
- Interview on drought and the Syrian civil war, *Bergens Tidende*, 28 April 2014.
- Interview on IPCC and the climate-conflict link, *BBC News*, 3 April 2014.
- Interview on climate and conflict, *Der Spiegel*, 21 January 2014.
- Klima for vold [A climate of violence]. Interview with *Morgenbladet*, 13 September 2013.
- Interview on climate change and conflict, *BBC*, *LA Times*, *Nature News*, *New Scientist*, *Science*, *Der Spiegel*, *TIME Magazine*, and others, August 2013.
- Interview on climate and conflict, *Le Monde*, 5 May 2012.
- Interview on El Niño and civil war, *BBC*, *Huffington Post*, *Nature News*, *New Scientist*, *Science*, *Voice of America*, *Vårt Land*, *the Washington Post*, and others, August 2011.
- 'Usikker sammenheng mellom klima og konflikt' ['Uncertain Connection between Climate and Conflict']. *Klima* 6-2010, pp. 24–26.
- Interview on climate change and conflict, *Radio Nova* 'Opplysningen 99.3', 1 October 2010.
- 'Varmere klima ikkje skuld i krig' ['Warming Not a Cause of War']. Interview with *Bergens Tidende*, 8 September 2010.
- 'Endret klima gir ikke krig' ['Climate Change Won't Cause Wars']. Interview with *Forskning.no*, 8 September 2010.
- 'Myten om Klimakriger' ['The Climate Wars Myth']. Op-Ed., *Aftenposten*, 8 September 2010.
- Interview on climate change and conflict, *BBC World Service*, *Nature News*, *New Scientist*, *Time*, 7 September 2010 [regarding *PNAS* article].

Interview on the resource curse, *NRK P2 'Radiofront'*, 24 February 2010.

'Konflikter i bevegelse' ['Conflicts in Transition'], *Forsvarets Forum*, July/August 2009.

'Freden lar vente på seg' ['Peace Remains in Limbo'], Op-Ed., *Aftenposten*, 1 October 2007 (w/ H. Strand).

'Fredsprisen til Al Gore?' ['The Peace Prize to Al Gore?'] Op-Ed., *Morgenbladet*, 1 June 2007 (w/ C. Raleigh and H. Urdal).

'Slett ingen fred i verden' ['A More Peaceful World?'], Op-Ed., *Aftenposten*, 26 October 2006 (w/ N.P. Gleditsch).

### **Selected Invited Talks**

'Will Climate Change Revert the Global Decline in Armed Conflict?', Center for Conflict and Humanitarian Studies, Doha Institute, Qatar, 13 December 2016.

'Climate Change and (Food) Security: What Do We Know?', Food and Agricultural Organization (FAO) of the United Nations, Rome, Italy, 3 November 2016.

'Climate Change and Security: Taking Stock', NEPS Lecture, Catholic University of Milan, Italy, 21 June 2016.

'Climate Wars? A Comment', Department of Government Seminar Series, University of Essex, UK, 3 May 2016.

'Climate Wars? A Comment', Global Governance Seminar, University College London, UK, 19 January 2016.

'Om klimaendringer, matsikkerhet og konflikt' [On climate change, food security, and conflict], Norwegian Defence Research Establishment, Oslo, Norway, 4 November 2015.

'Klimaendring, mat(u)sikkerhet og politisk vold' [Climate change, food (in)security, and political violence], Norwegian Ministry of Foreign Affairs, Oslo, Norway, 19 May 2015.

'Klimaendringer, konflikter og krig' [Climate change, conflicts, and war], Norwegian Defence University College, Akershus festning, Norway, 25 February 2014.

'Climate Change and Conflict: State of the Art and the Way Forward', Netherlands Organisation for Scientific Research (NWO), The Hague, the Netherlands, 14–15 January 2014.

'Klimaendringer, konflikter og krig' [Climate change, conflicts and war], Norwegian Defence University College, Gran, Norway, 6 January 2014.

'Food Insecurity and Political Violence in Sub-Saharan Africa', conference on "Climate Change and Security at the Crossroads", University of Agder, Kristiansand, Norway, 20–21 June 2013.

'Some Perspectives on Geography, Climate, and Conflict', US Naval Postgraduate School, Monterey, CA, 4 April 2013.

'A Comment on Hsiang & Burke "Climate, Conflict, and Social Stability: What do the Data say?"', workshop on 'Climate and Security: Evidence, Emerging Risks and a New Agenda', British Council Paris, France, 3-4 May 2012.

'Climate Change and Conflict – State of the Art and Future Directions in Quantitative Conflict Research', Amsterdam Global Change Institute, Free University of Amsterdam, the Netherlands, 19 March 2012.

'Klimakriger?' [Climate Wars?], Internasjonalt Seminar, Kulturhuset, Tromsø, Norway, 6 October 2011.

'Climate Wars? Insights from Africa and Beyond', joint seminar for Swedish Defence Research Agency (FOI) and Swedish International Development Cooperation Agency (SIDA), Stockholm, Sweden, 25 May 2011.

'Climate Wars?', Department of Political Science, University of Washington, Seattle, WA, 29 April 2011.

'Implications of Climate Change for Armed Conflict', National Emergency Planning College [Nasjonalt Utdanningscenter for samfunnsikkerhet og beredskap, NUSB], Asker, Norway, 8 March 2010.

- 'Climate Change and Security', Institute for Defense Studies and Analyses, IDSA, New Delhi, India, 30 November 2009.
- 'Drought, Political Exclusion, and Civil War', CICERO, Center for International Climate and Environmental Research, Oslo, Norway, 11 November 2009.
- 'Will Climate Change Lead to More Wars?', University of Gothenburg [Göteborgs Universitet], Sweden, 4 May 2009.
- 'Climate Change and Armed Conflict', *Climate Security Stakeholder Workshop*, organized by the British Foreign and Commonwealth Office, London School of Economics, London, UK, 12 March 2009
- 'Will Climate Change Lead to More Wars?', the Earth Institute, Columbia University, NY, 29 October 2008.
- 'Security Implications of Climate Change', the Norwegian Defense Research Establishment, Kjeller, Norway, 26 September 2008.
- 'Climate Change and Conflict', the Norwegian Foreign Service Institute, Oslo, Norway, 11 February 2008.
- 'A Comment on Climate Change and Armed Conflict', the Norwegian Atlantic Committee, Asker, Norway, 4 February 2008.
- 'Implications of Climate Change for Armed Conflict' (with N. P. Gleditsch & O. M. Theisen), the World Bank, Washington, DC, 25 October 2007.
- 'Climate Change and Conflict' (chair), *Climate Action, Transatlantic Science Week*, Carnegie Institution, Washington, DC, 23 October 2007.
- 'Water Scarcity and Internal Conflict: Some Stones Yet To Be Turned' (with N. P. Gleditsch, O. M. Theisen & H. Urdal), Woodrow Wilson International Center for Scholars, Washington, DC, 6 March 2007.
- 'Geografiske aspekter ved borgerkriger' [Geographic Aspects of Civil War], the Royal Norwegian Society of Science and Letters (Det Kongelige Norske Videnskabers Selskab), Trondheim, Norway, 22 January 2007.

## PROFESSIONAL ACTIVITIES

### Board Membership

Associate Editor, *Political Geography*, 2016– (editorial board member since 2011).

Associate Editor, *Journal of Peace Research*, 2014–.

Councilor, Peace Science Society (International), 2012–16.

Councilor, Network of European Peace Scientists (NEPS), 2004–12.

Board member, Norwegian Political Science Association [Norsk statsvitenskapelig forening], 2010–14.

Board member, PRIO branch of *Forskerforbundet* workers' union, 2010–13.

Convenor (with Kristian Skrede Gleditsch), *Standing Group of Political Geography*, European Consortium for Political Research (ECPR), 2003–13.

Member of the American Association for the Advancement of Science, the American Political Science Association, the International Studies Association, the Network of European Peace Scientists, and the Peace Science Society (International).

### Project Leadership and Administration

Research Director, PRIO Department *Conditions of Violence and Peace*, 2013–15.

Coordinator, PRIO *Research Group on Environment*, 2012–13.

Leader, CSCW Working Group on *Environmental Factors in Civil War*, 2008–12.

Principal Investigator, *Climate Variability and Security Threats (CLIMSEC)*, European Research Council Consolidator Grant, 2015–20.

Principal Investigator, *Climate Anomalies and Violent Environments (CAVE)*, funded by the Research Council of Norway's FRIHUMSAM program, 2015–18.

Principal Investigator, PRIO project *URBanizing INdia (URBIN): Urbanization, Exclusion, and Climate Challenges*, funded by the Research Council of Norway's NORGLOBAL program, 2013–16.

Principal Investigator of PRIO node, *Forecasting Civil Conflict under Different Climate Change Scenarios* (led by University of Maryland), funded by the US Department of Defense Minerva program, 2013–16.

Principal Investigator, PRIO project *Security Implications of Climate Change*, funded by the Research Council of Norway's NORKLIMA program, 2009–13.

Principal Investigator of PRIO node, EU 7FP consortium *Climate Change, Hydro-Conflicts, and Human Security* (led by Autonomous University of Barcelona), funded by the EU 7<sup>th</sup> Framework program, 2010–13.

Principal Investigator of PRIO node, ECRP project *Disaggregating Civil Wars* (with ETH Zurich and University of Essex), funded by the European Science Foundation, 2007–2010.

Principal Investigator, PRIO project *Implications of Climate Change for Conflict and Migration*, funded by the World Bank, 2007–08.

Principal Investigator of PRIO node, *Risk Assessment and Mitigation Measures for Natural and Conflict-Related Hazards in the Asian Region* (with Norwegian Geotechnical Institute, Columbia University, and UNEP GRID Geneva), funded by the UN OCHA/Norwegian Ministry of Foreign Affairs, 2007–09.

### **Conference organization**

Workshop on Environmental Security, Peace Science Society (International), University of Notre Dame, South Bend, IN, 20 October 2016.

Program chair (with Frank Schimmelfennig), International Politics and Conflict Research section, European Political Science Association (EPSA) 5<sup>th</sup> annual general conference, Vienna, 25–27 June 2015.

Scientific advisory committee member, 'Management of Transboundary Water Resources under Scarcity: Perspectives on Agriculture and Food Security' workshop, Jerusalem, 22–23 June 2015.

Program chair (with Sara Mitchell), Joint International Studies Association (ISA) – Peace Science Society (PSS) conference, Budapest, 27–29 June 2013.

Section chair (with Desirée Nilsson), 'The Future of Armed Conflict', ECRP Standing Group of International Relations 7<sup>th</sup> Pan-European conference, Stockholm 9–11 September 2010.

Workshop convener (with Thomas Bernauer and Ariel Dinar), ISA workshop on Water and Security, New Orleans, LA, 16 February 2010.

Workshop convener (with Kristian Skrede Gleditsch), 'Geography, Conflict, and, Cooperation', ECRP Joint Sessions of Workshops, Edinburgh, 28 March – 2 April 2003.

### **Consultancy**

Contributing author to the UN Intergovernmental Panel on Climate Change (IPCC) 5<sup>th</sup> Assessment Report (Chapter 16: Adaptation, Opportunities, Constraints, and Limits), 2014.

Expert reviewer for (*inter alia*):

\* Riksbankens Jubileumsfond, 2015

\* UN Intergovernmental Panel on Climate Change (IPCC) 5<sup>th</sup> Assessment Report, 2012–14

\* German Research Foundation, Humanities and Social Science department, 2014

\* Minerva Program/ US Army Research Office, US Department of Defense, 2014

\* The UK Foresight Global Environmental Migration (GEM) project, 2011



- \* The Netherlands Organisation for Scientific Research (NWO) CoCooN program, 2009, 2014
- \* The Swedish Defence Research Agency (FOI), 2010.
- \* Swiss National Science Foundation, 2016

### **Mentoring and Academic Evaluations**

Supervisor of PhD students at PRIO (N. Marsh, E. Rosvold), Norwegian University of Science and Technology (K. Dyrstad, S.T. Hansen, H. Seter, O.M. Theisen), University of Oslo (H. Holtermann, A. Tollefsen), Uppsala University (J. Kreutz, I. Rudolfson), Catholic University of Louvain (D. Deltenre), and ETH Zurich (S. Schutte).

Examiner on PhD defenses at Lancaster University, University of Essex, ETH Zurich, Aarhus University, and Free University of Amsterdam.

Promotion assessment: University College London, Uppsala University.

Member of the jury for the *Walter Isard Award for the Best Dissertation in Peace Science*, Peace Science Society (International), 2014.

Member of the jury for the *Founder's Medal*, Peace Science Society (International), 2013.

Member of the jury for the *Stuart A. Bremer Award for Best Graduate Student Paper*, Peace Science Society (International), 2012.

Member of the jury for the *Lewis Fry Richardson Lifetime Achievement Award*, European Consortium of Political Research, 2007–10.

### **Peer Reviews**

*American Journal of Political Science* \* *American Political Science Review* \* *Annals of the Association of American Geographers* \* *British Journal of Political Science* \* *Civil Wars* \* *Climatic Change* \* *Conflict and Cooperation* \* *Conflict Management and Peace Science* \* *Economic Journal* \* *Environmental Research Letters* \* *European Journal of International Relations* \* *European Political Science* \* *Geopolitics* \* *Global Environmental Change* \* *International Area Studies Review* \* *International Interactions* \* *International Organization* \* *International Political Science Review* \* *International Security* \* *International Spectator* \* *International Studies Perspectives* \* *International Studies Quarterly* \* *International Studies Review* \* *Journal of Conflict Resolution* \* *Journal of Economic and Social Geography* \* *Journal of the European Economic Association* \* *Journal of Peace Research* \* *Journal of Politics* \* *Nature* \* *Nature Climate Change* \* *Political Geography* \* *Political Research Quarterly* \* *Population and Environment* \* *Proceedings of the National Academy of Sciences of the USA* \* *Regional Environmental Change* \* *Social Science Quarterly* \* *Wiley Interdisciplinary Reviews on Climate Change* \* *World Medical and Health Policy* \* *World Politics*.

### **Research Grants as PI**

Research grant, *CROP: Quantifying Conflict Risk from Agricultural Productivity Changes*, Research Council of Norway KLIMAFORSK program, 2017–20.

Research grant, *Climate Variability and Security Threats (CLIMSEC)*, European Research Council Consolidator Grant, 2015–20.

Research grant, *Climate Anomalies and Violent Environments (CAVE)*, Research Council of Norway FRIHUMSAM program, 2015–18.

Research grant, *URBANizing INdia (URBIN): Urbanization, Exclusion, and Climate Challenges*, Research Council of Norway NORGLOBAL program, 2013–16.

Research grant, *Security Implications of Climate Change*, Research Council of Norway NORKLIMA program, 2009–12.

Research grant, *Implications of Climate Change for Conflict and Migration*, the World Bank, 2007–08.

Activity grant, *Climate Change and Water-Related Security in the Indian Subcontinent (INDSEC)*, Research Council of Norway INDNOR program, 2011.

ISA Workshop grant on Water and Security (with T. Bernauer and A. Dinar), International Studies Association (ISA), 2010.

Visiting scholarship grant, Institute for International, Comparative, and Area Studies (IICAS), University of California, San Diego, funded by the Research Council of Norway, 2004.

### **Distinctions and Awards**

Member of the *Royal Norwegian Society of Sciences and Letters* (since 2016).

*Karl Deutsch Award 2015*, granted by the International Studies Association “...to a scholar who is judged to have made (through a body of publications) the most significant contribution to the study of International Relations and Peace Research.”

*Award for Excellent Research by Young Scholars in Human Sciences*, granted by the Royal Norwegian Society of Sciences and Letters [Det Kongelige Norske Videnskabers Selskab] for work on geographical aspects of civil war, 2006.

Book awards for *Inequalities, Grievances, and Civil War* (Cambridge, 2013)

\* *Annual Best Book 2015*; International Studies Association (ISA)

\* *Book of the Year 2014*; American Political Science Association (APSA) Conflict Processes Section

\* *Book of the Year 2014*; Conflict Research Society (CRS)

\* *NEPS Medal 2014*; Network of European Peace Scientists (NEPS)

Article distinctions:

\* ‘Climate variability, food production shocks, and violent conflict in Sub-Saharan Africa’ (Buhaug et al. 2015): *Highly Commended* by ERL editors and listed in the [ERL 2015 Highlights](#)

\* ‘Climate-conflict research: Some reflections on the way forward’ (Buhaug 2015): Ranked number one among [Top Ten WCC Articles](#) in 2015

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