



# Inaugural Climate Change and Security Workshop of the Climate Security Association of Canada (CSAC)

**When :** 13-14 March 2023

**Where :** Université du Québec à Montréal (UQAM)  
1430 rue Saint-Denis, Montréal, Québec  
Pavillon Athanase-David (D), room D-R200  
<https://plancampus.uqam.ca/pavillon-d>

UQAM



**RAOUL DANDURAND CHAIR**  
IN STRATEGIC AND DIPLOMATIC STUDIES  
FrancoPaix Centre



## Organizers :

Bruno Charbonneau, Royal Military College Saint-Jean  
Gabrielle Daoust, University of Northern British Columbia  
Tom Deligiannis, Wilfrid Laurier University  
Wilfrid Greaves, University of Victoria

## Partners :

Centre FrancoPaix of the Raoul Dandurand Chair in Diplomatic and Strategic Studies, UQAM  
North American and Arctic Defence and Security Network  
Centre for Security and Crisis Governance (CRITIC), RMC Saint-Jean

**Funding :** Social Sciences and Humanities Research Council of Canada (Connection grant)



Conseil de recherches  
en sciences humaines  
du Canada

Social Sciences and  
Humanities Research  
Council of Canada

Canada

## **Day 1 – 13 March 2023**

8:40 - 9:00 **Opening remarks**

**Dr. Bruno Charbonneau, RMC Saint-Jean**

9:00 - 10:45 **The state-of-the-art and the future of climate security research**

*Roundtable 1 examines the past, present, and future of climate security research, and the implications, potentials, and limits of the different research agendas. It also discusses the links between the evolution of the field and the policy world and the (geo)politics of climate change.*

**Moderator: Dr. Bruno Charbonneau, RMC Saint-Jean**

- Dr. Neta Crawford, University of Oxford
- Dr. Rita Floyd, University of Birmingham
- Dr. Tobias Ide, Murdoch University
- Dr. Matt McDonald, University of Queensland
- Dr. Jan Selby, University of Sheffield

10:45 - 11:15 **Coffee break**

11:15 - 13:00 **Climate change and the future of intervention(s)**

*Roundtable 2 explores the effects of climate change on security, development, humanitarian, and military operations and practices. From disaster response to peacekeeping and peacebuilding, climate change is and will transform how organizations intervene in the world, and likely as well their conceptual, ethical, and moral frameworks.*

**Moderator: Dr. Gabrielle Daoust, University of Northern British Columbia**

- Dr. Wilfrid Greaves, University of Victoria
- Dr. Cameron Harrington, Durham University
- Sofia Kabbej, IRIS - Institut de relations internationales et stratégiques
- Savita Pawnday, Global Centre for the Responsibility to Protect
- Pernilla Rydén, Challenges Forum International Secretariat
- Dr. Rita Floyd, University of Birmingham

13:00 - 14:15 **Lunch**

14:15 - 16:00 **Climate change and armed conflict**

*Roundtable 3 discusses the climate-conflict nexus: does climate change cause war? A comparison of different case studies from Africa, Latin America, and the Arctic raises theoretical, conceptual, methodological, and ethical issues about how to study armed conflict and military operations under climate change conditions.*

**Moderator: Dr. Wilfrid Greaves, University of Victoria**

- Dr. Gabrielle Daoust, University of Northern British Columbia
- Dr. Tom Deligiannis, Wilfrid Laurier University
- Pauline Baudu, Center for Climate and Security
- Dr Nicolas Hubert, Université du Québec à Montréal
- Dr. Whitney Lackenbauer, Trent University

**Day 2 – 14 March 2023**

8:50 - 9:00 **Opening remarks**

Dr. Bruno Charbonneau, RMC Saint-Jean

9:00 - 10:45 **Climate change and defence activities**

*Roundtable 4 examines how the defence sector, notably military organizations, is dealing, addressing, and adapting to the challenges of climate change—or how it should. A particular focus is the upcoming establishment of NATO's Climate Change and Security Centre of Excellence (CCASCOE), that should be operational in Montreal in the fall of 2023.*

**Moderator: Dr. Tom Deligiannis, Wilfrid Laurier University**

- Blair Brimmell, Global Affairs Canada and CCASCOE
- Lloyd Chubbs, NATO (SHAPE)
- Dr. Adrien Estève, Sciences Po CERI
- Dr. Gaëlle Rivard Piché, Defence Research and Development Canada
- Anselm Vogler, University of Hamburg

10:45 - 11:15 **Coffee break**

11:15 - 12:30 **Formal Launch and Inaugural Meeting of the Climate Security Association of Canada (CSAC)**

- Albert Chan, Defence Research and Development Canada
- Bruno Charbonneau, RMC Saint-Jean
- Gabrielle Daoust, University of Northern British Columbia
- Tom Deligiannis, Wilfrid Laurier University
- Wilfrid Greaves, University of Victoria
- Nicolas Hubert, Université du Québec à Montréal
- Sarah-Myriam Martin-Brûlé, Bishop's University

12:30 **Concluding remarks, lunch**

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## **Biographies**

### **Roundtable 1**

#### **Bruno Charbonneau, Royal Military College Saint-Jean**

Bruno Charbonneau is Professor and Director of the Centre on Security and Crisis Governance (CRITIC) at the Royal Military College Saint-Jean. He is the founder and Director of the Centre FrancoPaix en résolution des conflits et missions de paix of the Raoul Dandurand Chair at the Université du Québec à Montréal, and Deputy Editor of the Canadian Military Journal. His work focuses on international interventions in armed conflicts, particularly the regional and international dynamics of conflict management and resolution in Francophone West Africa. He is currently leading a NATO Research Task Group on the effects of climate change on security (SAS-182). His latest publications include: [The climate of counterinsurgency and the future of security in the Sahel](#), in *Environmental Science and Policy* (2022); (coauthored) [The importance of food systems in a climate crisis for peace and security in the Sahel](#), in *International Review of the Red Cross* (2022); (coedited) [Routledge's Handbook of African Peacebuilding](#) (2022); and [Counter-insurgency governance in the Sahel](#), *International Affairs* (2021).

#### **Neta Crawford, University of Oxford**

Professor Crawford is Montague Burton Chair in International Relations at the University of Oxford and holds a Professorial Fellowship at Balliol College. She previously served as professor and chair of the Department of Political Science at the Boston University College of Arts and Sciences in Boston, Massachusetts. Dr. Crawford's research interests include international relations theory, normative theory, foreign policy decision making, sanctions, peace movements, discourse ethics, post-conflict peacebuilding, research design, utopian science fiction, and emotion. Dr. Crawford is also interested in methods for understanding the costs and consequences of war and is co-director of the "Costs of War" study based at Brown University. Dr. Crawford's most recent publication is *The Pentagon, Climate Change, and War* (MIT Press, 2022). She is also working on *"To Make Heaven Weep": Civilians and the American Way of War*. She has authored several other books including, most recently, *Accountability for Killing: Moral*

*Responsibility for Collateral Damage in America's Post-9/11 Wars* (2013). She was a co-winner of the 2003 American Political Science Association Jervis and Schroeder Award for best book in International History and Politics for her book *Argument and Change in World Politics: Ethics, Decolonization, Humanitarian Intervention* (CUP, 2002).

### **Rita Floyd, University of Birmingham**

Professor Rita Floyd is Associate Professor in Conflict and Security in the Department of Political Science and International Studies. She received her PhD in 2007 from the University of Warwick. Dr Floyd works on ethics and security, specifically the ethics of securitization. She also has a longstanding interest in climate and environmental security. Her PhD was published in 2010 by Cambridge University Press as *Security and the Environment: Securitisation theory and US Environmental Security Policy*. Her second monograph *The Morality of Security: A theory of just securitization* was published in 2019 by CUP, and later shortlisted for the Susan Strange Best book prize. Her third monograph *The Duty to Secure: From Just to mandatory securitization* is forthcoming in late 2023 also with CUP.

### **Tobias Ide, Murdoch University**

Tobias Ide is Senior Lecturer in Politics and International Relations at Murdoch University in Perth, Australia. He is also Specially Appointed Professor of Peace and Sustainability at Hiroshima University, Japan. Holding PhDs in Earth Sciences (Hamburg, 2015) and Political Science (Braunschweig, 2019), Tobias works on the intersections of climate change and environmental change with peace, conflict, and security. His book, *Catastrophes, Confrontations, and Constraints: How Disasters Shape the Dynamics of Armed Conflicts*, is forthcoming later this year and he also published numerous journal articles, including in *Environmental Politics, Global Environmental Change, International Affairs, International Studies Review, Journal of Peace Research, Nature Climate Change, Nature Communications, and World Development*.

### **Matt McDonald, University of Queensland**

Matt McDonald is Associate Professor and Director of Teaching and Learning in the School of Political Science and International Studies. His research focuses on critical theoretical approaches to security and their application to issues such as environmental change, Australian foreign and security policy, climate politics and Asia-Pacific security dynamics. He has published on these themes in journals such as *European Journal of International Relations, Political Geography, Review of International Studies, International Theory, Security Dialogue, International Political Sociology* and *Australian Journal of Political Science*. He is the author of *Ecological Security: Climate Change and the Construction of Security* (Cambridge UP, 2021), *Security, the Environment and Emancipation* (Routledge 2012) and (with Anthony Burke and Katrina Lee-Koo) *Ethics and Global Security* (Routledge 2014). He was formerly co-editor of *Australian Journal of Politics and History*. He is currently completing an ARC-funded project on comparative national approaches to the climate change- security relationship.

### **Jan Selby, University of Sheffield**

Jan Selby is Professor and Chair of Politics and International Relations at the University of Sheffield. Professor Selby's research and teaching focus on climate change, water and energy politics, though he also works periodically on themes in IR theory, and conflict, peacebuilding and development. He has worked extensively on West Asian and especially Israeli-Palestinian water politics; on the conflict and security implications of climate change; and on the impacts of 'non-energy policies' on energy demand. Across this work, he uses a political ecology lens informed by the historical materialist and post-colonial traditions, examining both the political consequences of, and responses to, environmental conflicts

and crises, and their political (and political-economic) contexts and causes. Jan's most recent book, co-authored with Gabrielle Daoust and Clemens Hoffmann, is *Divided Environments: An International Political Ecology of Climate Change, Water and Security* (Cambridge University Press 2022).

## **Roundtable 2**

### **Wilfrid Greaves, University of Victoria**

Will Greaves is Assistant Professor of International Relations at the University of Victoria, British Columbia, where his research examines intersections between global security, environmental politics, and Canadian foreign policy with focuses on climate change, energy extraction, and Indigenous peoples in North America and the circumpolar Arctic. He has published more than thirty peer-reviewed articles and book chapters, and has co-edited two books on Arctic politics. Professor Greaves is Co-Lead for Climate and Environment for the North American and Arctic Defence and Security Network (NAADSN) and a member of the NATO STO Technical Team on Climate Security and Defence Activities. He was previously a Newport Arctic Security scholar at the U.S. Naval War College, a Visiting Scholar at the Centre for Sámi Studies at UiT The Arctic University of Norway, and Lecturer at the Trudeau Centre for Peace, Conflict and Justice at the Munk School of Global Affairs.

### **Cameron Harrington, Durham University**

Cameron Harrington is an Assistant Professor of International Relations at the School of Government and International Affairs. He is a researcher and analyst of global environmental politics. His research draws from international relations, political philosophy, criminology, and human geography and focuses on the theory and practice of security in the Anthropocene. He earned his PhD in political science from the University of Western Ontario in 2014. Between 2014-2015 he held the Global Change and Sustainability Postdoctoral Fellowship at the University of Cape Town and was an affiliate researcher with WWF-South Africa. He completed a postdoctoral fellowship at the International Centre for Comparative Criminology, University of Montreal in 2016. Dr. Harrington is also appointed as a Research Associate (non-resident) in the Global Risk Governance Programme, University of Cape Town.

### **Sofia Kabbej, IRIS - Institut de relations internationales et stratégiques**

Sofia Kabbej is a Ph.D candidate at the School of Political Science and International Relations of the University of Queensland. She is conducting her Ph.D on France's climate security approach, exploring how and why France approaches climate change as a security issue. Sofia is also an associate researcher at the climate, energy, and security program at IRIS. She mainly works on the Observatory on defense and climate of the French ministry for Armed Forces. She also studies climate geoengineering, and the socio-political stakes attached to it. Besides, Sofia co-directs the research-advocacy project "Climate Security & Peace Projet" (CS2P) within the NGO CliMates. She previously worked on international climate negotiations and governance, as well as green economy and sustainability for various organizations, such as the NGO CliMates, United Nations Environment Program (UNEP) and Danone. Sofia Kabbej holds a Master in International Security Policy from the European School of Political & Social Sciences (ESPOL – Lille Catholic University), and a Bachelor in Political Science and Communication from the University of Montreal.

## **Savita Pawnday, Global Centre for the Responsibility to Protect**

Savita Pawnday is the Executive Director of the Global Centre for the Responsibility to Protect. Established in 2008 with the support of international human rights leaders, including former UN Secretary-General Kofi Annan, as well as supportive governments and organizations such as Human Rights Watch and International Crisis Group, the Global Centre is the world's leading research and advocacy organization for advancing the international norm of the Responsibility to Protect (R2P) at the United Nations and beyond. The Global Centre works to prevent mass atrocity crimes – genocide, war crimes, crimes against humanity and ethnic cleansing – throughout the world. Ms. Pawnday is a foremost expert on R2P and atrocity prevention. Over the last decade, she has worked extensively with and advised a wide range of governments and the United Nations on how to prevent and respond to mass atrocities. Ms. Pawnday has routinely convened Foreign Ministers and other high level policy makers on R2P to mobilize action to protect populations from atrocity crimes. In 2010, Ms. Pawnday was instrumental in conceptualizing and launching the Global Network of R2P Focal Points. Now with over 60 countries, the Global Network of R2P Focal Points is the largest network of senior government officials of its kind. She is also a founding Steering Group member of the Global Action Against Atrocity Crimes (GAAMAC). Ms. Pawnday has led Global Centre's work on UN peacekeeping, international justice mechanisms, Women, Peace and Security, and advocacy on specific country situations where populations are at risk of atrocities, such as Syria, Myanmar, South Sudan, Yemen and Ethiopia. She has written and published extensively on R2P and atrocity prevention. Ms. Pawnday is regularly invited by governments, the United Nations, NGOs, academic institutions, and other international multilateral organizations from around the globe to speak on R2P. Prior to joining the Global Centre, Ms. Pawnday worked in various capacities as a researcher and a project manager. She has worked in Zimbabwe, Zambia and Malawi with Catholic Relief Services, in New York with Trickle Up and in India with a few grassroots NGOs. She holds an M.A. from Fordham University in Political Economy and Development, with a specialization in political economy of civil wars, and a B.A. in Economics from St. Xavier's College, University of Mumbai.

## **Pernilla Rydén, Challenges Forum International**

Pernilla Rydén has extensive experience working with peace and security over the last 20 years. She has served in numerous United Nations (UN) peace operations, both large multidimensional missions as well as special political missions and offices. Most recently Ms. Rydén held the position as Chief of Staff of the UN Mission to support the Hudaydah Agreement (UNMHA) in Yemen, delivering on the relevant parts of the Stockholm Agreement (2018). Previous she served as Head of the Regional and Multilateral Section of the Political Affairs Department in United Nations Stabilisation Mission to the Democratic Republic of Congo (MONUSCO) where she led the mission's work on strategic guidance on developments in the African Great Lakes region, as well as on the DRC international relations. Ms. Rydén has also served in the Office of the Special Envoy of the Secretary-General for the Great Lakes, the UN Assistance Mission for Iraq (UNAMI), the UN Mission in Kosovo (UNMIK), the Secretary-Generals Panel for the Referenda in Sudan, and the UN Mission in Liberia (UNMIL). She has further held positions within the European External Action Services (EEAS) and the Organisation for Security and Co-operation in Europe (OSCE), as well as worked at the Swedish Embassy in Serbia and for the Swedish Armed Forces. Ms. Rydén holds a Master degree in Political Science and Economics from the University of Lund, Sweden. She speaks Swedish, English, and French.

## **Roundtable 3**

### **Dr. Gabrielle Daoust, University of Northern British Columbia**

Dr. Gabrielle Daoust is Assistant Professor of Global and International Studies at the University of Northern British Columbia. Her research focuses on the political economy of conflict, peacebuilding, and development (with a focus on education development); the relationships between environmental and climate change, water, and insecurity (including implications for conflict and migration); and experiences of violence in international intervention. Her research focuses particularly on the Lake Chad region and Sudan and South Sudan. For the past 10 years, she has been involved in numerous policy- and practice-focused research projects with international organizations such as UNICEF and with government bodies in the UK. She completed her PhD and post-doctoral fellowship in the Department of International Relations at the University of Sussex (UK).

### **Dr. Tom Deligiannis, Wilfrid Laurier University**

Dr. Tom Deligiannis teaches in the Department of Global Studies at Wilfrid Laurier University. Dr. Deligiannis' research focuses on the peace and conflict implications of human pressure on the natural environment, particularly qualitative research linking environmental change and violent conflict. He previously taught in the Peace Studies Program at McMaster University, and the Department of Political Science at Western University. From 2005-2007, he was resident assistant professor in the Department of Environment, Peace and Security at the UN mandated University for Peace in Costa Rica. He was the project director of UPEACE's Climate Change and Adaptation project. Dr. Deligiannis is an associate fellow of the Institute for Environmental Security in The Hague, a Fellow at the Balsillie School of International Affairs, and a member of the Global Military Advisory Council on Climate Change. From 2022, he is the book review editor of the new Sage journal, Environment and Security. He has a PhD in Political Science from the University of Toronto.

### **Pauline Baudu, Center for Climate and Security**

Pauline Baudu works on the convergence of climate change, geopolitics and security with a focus on the Arctic region. Her research considers the climate-security nexus through policy and strategic analysis on security in the European and North American Arctic, climate-driven migrations and the intersection between climate change and gray-zone tactics, and the role of NATO in addressing these issues. Pauline participated in the consultation process to develop Canada's new NATO Climate Change and Security Centre of Excellence (CCASCOE). She is involved in NATO's Research Task Group on the Effects on Climate Change on Security to develop NATO's strategic knowledge, planning and adaptability under the conditions of climate change. She previously served as a Research Assistant at the Polar Institute and the Environmental Change and Security Program of the Wilson Center (Washington D.C.). She is currently a nonresident Research Fellow with the Center for Climate and Security of the Council on Strategic Risks (Washington D.C.), a Senior Fellow with Arctic360 (Toronto) and an Associate with Arctic Security Consultants (Ottawa). Pauline's research builds on her prior experience in human rights, migration and asylum law. Since 2018, she has served as a public official at the French National Asylum Court in Paris, providing legal expertise and country-risk analysis to inform judges in the asylum decision-making process. She has also worked with the Office of the United Nations High Commissioner for Human Rights in Geneva and diverse civil society organizations on issues of migrants' rights and non-discrimination. Pauline is a graduate from the French Institute for International and Strategic Affairs (IRIS Sup') in Defense, Security and Crisis Management. She received the Third Place Award at the CDA Institute's graduate student conference 2022 (Ottawa) for her policy paper on paradigms for NATO's High North engagement. She holds an M.A. in Crisis Analysis and Humanitarian Aid from Université Savoie-Mont-Blanc and a B.A. in Applied Linguistics from Université de Tours.



### **Dr. Nicholas Hubert, Université du Québec à Montréal**

Nicolas Hubert is a Postdoctoral Fellow at the Centre FrancoPaix of the Raoul Dandurand Chair in Strategic and Diplomatic Studies at the Université du Québec à Montréal. He works on issues related to the environment, natural resources management, and state-building and peacebuilding in fragile states and post-conflict societies. His current research focuses on West Africa and the Sahel, particularly on conflicts related to environmental degradation and the development of the extractive industry, as well as on the management of natural parks in Burkina Faso. He completed his PhD in Political Studies at the University of Ottawa.

### **Dr. Whitney Lackenbauer, Trent University**

P. Whitney Lackenbauer is [Canada Research Chair \(Tier 1\) in the Study of the Canadian North](#) and Professor in the School for the Study of Canada at Trent University. He was Honorary Lieutenant-Colonel of 1st Canadian Ranger Patrol Group based in Yellowknife, Northwest Territories from 2014-2020. He is also a Fellow with the Bill Graham Centre for Contemporary History at the University of Toronto; the Arctic Institute of North America; the Centre for Military, Security and Strategic Studies at the University of Calgary; and an adjunct professor with the Brian Mulroney Institute for Government at St. Francis Xavier University and the Department of Homeland Security and Emergency Management and the Center for Arctic Security and Resilience, School of Management, University of Alaska Fairbanks. Whitney specializes in Arctic security, sovereignty and governance issues, modern Canadian military and diplomatic history, and Indigenous-state relations. Whitney's recent books include *Breaking Through? Understanding Sovereignty and Security in the Circumpolar Arctic* (co-edited, 2021) and *On Thin Ice? Perspectives on Arctic Security* (co-edited, 2021).

## **Roundtable 4**

### **Blair Brimmell, Climate Change and Security Centre of Excellence (CCASCOE) & Section Lead - Climate and Security Policy, Global Affairs Canada**

In December 2021, Blair Brimmell was appointed Interim Director responsible for the establishment of the NATO Climate Change and Security Centre of Excellence (CCASCOE), in addition to her role as Section Lead for Climate and Security policy in the Defence and Security Relations Division of Global Affairs Canada (GAC). As Interim Director for the CCASCOE, Ms. Brimmell is responsible for the development of the Centre of Excellence initiative, working with Canadian and international stakeholders toward its eventual launch in 2023. From 2017 to 2021, she was Senior Policy Analyst – NATO in the Defence and Security Relations Division at GAC, contributing to Canada's relations with the North Atlantic Treaty Organization, as well as Canada's defence and security relations with Nordic and other European countries and the EU. First employed with Canada's Foreign Ministry in 2013, Ms. Brimmell's other work with GAC has included assignments in the Southeast Asia Relations Division, and the South Asia Relations Division. In 2015-2016, she served as an Intelligence Analyst at NATO's Supreme Headquarters Allied Powers Europe (SHAPE).

### **Lloyd Chubbs, Supreme Headquarters Allied Powers Europe (SHAPE)/NATO**

Lloyd Chubbs is a NATO civilian, employed at SHAPE/NATO since 2014. He has been engaged with NATO Environmental Management and Energy Efficiency projects since 2007, including the NATO Smart Energy Team, NATO Triple Net Zero, and NATO Sustainable Camps projects. He is the former chair of the NATO Environmental Protection Working Group (EPWG). He is a retired Canadian Military

Engineer, having served for 32 years in the Canadian forces and has extensive experience on NATO and United Nations deployments to the former Yugoslavia, Haiti, Palestine, Afghanistan, and Kosovo. He is currently a PhD candidate at Erasmus University Rotterdam and holds a Masters of Civil Engineering degree from the University of New Brunswick, a Bachelors of Science (Geology) degree from St. Francis Xavier University, and a Bachelors of Arts (History) degree from Concordia University.

#### **Dr. Adrien Estève, Sciences Po CERI**

Adrien Estève is a Postdoctoral Researcher at the Center for International Studies (CERI-Sciences Po), in residence at IRSEM. His current research focuses on the involvement of security and defense actors in climate policies, on the emergence of international forums and networks on climate security, and on the recent evolutions of international conflictuality (lawfare). He holds a PhD in Political Science from Sciences Po Paris (2020), a MPhil in International and Political Expertise from Sciences Po Aix (2014) and a MPhil in Political Science from Sciences Po Paris (2015). He is currently in charge of the research group on "Environment and International Relations" at CERI and of the working group on "Environment and climate" at the Association for War Studies (AEGES). He was also a visiting scholar at Columbia University for the academic year 2017-2018 and in April 2019.

#### **Dr. Gaëlle Rivard Piché, Defence Research and Development Canada**

Dr. Gaëlle Rivard Piché is a Strategic Analyst with Defence Research and Development Canada (DRDC). Embedded with the Canadian Armed Forces, she provides direct decision-making support through evidence-based research on topics such as threat analysis, defence planning, and the Arctic. She has co-authored two books on Arctic defence and security: *At the Gaps and Seams: Canadian Special Operations Forces in the Defence of North America* (with Nancy Teeple and Bradley Sylvestre, forthcoming 2023) and *The Newport Manual on Arctic Security* (with Walter Berbrick and Michael Zimmerman, November 2022). Her research has been published in the *Texas National Security Review*, *Canadian Foreign Policy Journal*, *International Journal*, and *Études internationales*, and featured in *The Washington Post* and *The New York Times*. Dr. Rivard Piché is a fellow with the Conference of Defence Associations Institute (CDAI) and the Norman Paterson School of International Affairs (NPSIA) at Carleton University where she completed her Ph.D. in 2017. She was previously a Fulbright Research Fellow in the International Security Program at the Harvard Kennedy School's Belfer Center for Science and International Affairs (2014-2015) and the Vice-Chair of WIIS-Canada (2017-2020).

#### **Anselm Vogler, Institute for Peace Research and Security Policy**

Anselm Vogler is a researcher at the IFSH. Since April 2020, he has been working in the CLICCS Cluster of Excellence at the University of Hamburg on the sub-project B3 "Conflict and Cooperation at the Climate-Security Nexus". He studied political science and history at the Technische Universität Dresden and the New School of Social Research in New York City. After his graduation, he worked as a research assistant and student advisor to the Chairs of International Politics and Comparative Politics at the Institute for Political Science at the Technische Universität Dresden. Anselm Vogler is an alumnus of the German Academic Exchange Service (DAAD) and the Robert Bosch Foundation. He won the Viktor Klemperer Certificate for the best Master's graduate of his programme in 2018 and the Beijing Humboldt Forum's Young Scientist Award in 2019. Anselm Vogler is pursuing his cumulative PhD while working in the project "Conflict and Cooperation at the Climate Security Nexus". He recently finished a systematic literature review that offers a categorization of environment-related military activities. His analysis of climate security frames in over 300 National Security Strategies from 93 countries (2000-2020) is currently under review. A final study that compares climate security framings by civil and defense ministries was recently accepted at *International Studies Review*. In February 2023, Anselm Vogler conducts field research and interviews in Vanuatu and Guam on local perceptions of climate (in)security.

## **Roundtable 5**

### **Albert Chan, Defence Research and Development Canada (DRDC)**

Albert Chan is currently a Portfolio Manager for Climate Change and Security at Defence Research and Development Canada (DRDC). His role is to establish networks and seek collaborative relationships with domestic organizations and allied nations. He draws on experiences from research and development in the private industry and management of research programmes for the Canadian Armed Forces. Relevant to defence and security, he has led teams and managed research programs for the Canadian Armed Forces since 2009, in the domains of Radar, Operational Research, Personnel, Chemical, Biological, Radiological and Nuclear, and now, his areas of responsibility include the domains of Environment, 5G/6G, Quantum, Cyber, and Personnel.

### **Sarah-Myriam Martin-Brûlé, Bishop's University**

Sarah-Myriam Martin-Brûlé is Full Professor at Bishop's University and Non-Resident Fellow at the International Peace Institute, New York. She is the Deputy Director of the Centre FrancoPaix. In 2018–2019, she was the Canada Fulbright Research Chair for Peace and War Studies. In 2021, she was awarded the 3M National Teaching Fellowship. She is an associate faculty member of the Center for International Peace and Security Studies (CIPSS) and of the Montreal Center for International Studies (CERIUM). Her research focuses on peacekeeping-intelligence, peace operations and security issues related to intra-state wars. Her most recent publications include "Competing for Trust: Challenges in UN Peacekeeping-Intelligence". Author of the first UN guidelines on gender and peacekeeping-intelligence, she is also co-author of the first United Nations Field Handbook on Joint Mission Analysis Centres (United Nations, 2018), she recently conducted fieldwork at the MINUSCA (Central African Republic), MINUSMA (Mali), MONUSCO (Democratic Republic of Congo), UNOCI (Côte d'Ivoire) and UNMISS (South Sudan). She is co-hosting the podcasts "Conseils de sécurité" a co-production of the CDSN-RCDS and RAS-NSA and "Au FrancParler" with the Centre FrancoPaix.