



THE ARCTIC INSTITUTE

CENTER FOR CIRCUMPOLAR SECURITY STUDIES

June 8-10, 2022

“Polar (In)Securities: The Future of Global Affairs in the Circumpolar North”

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On behalf of The Arctic Institute, we welcome you to our first-ever conference.
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Welcome



The Arctic Institute – Center for Circumpolar Security Studies (TAI) is pleased to welcome you to our online conference! The Arctic Institute was founded in 2011 by Malte Humpert, and is currently led by Dr. Lillian Hussong, the Managing Director, and the Leadership Group, consisting of Romain Chuffart, Pavel Devyatkin, Malte Humpert, Karen Marie Oseland, and Dr. Andreas Raspotnik.

We are an independent, non-profit 501(c)3 tax-exempt organization headquartered in Washington, D.C with a network of researchers across the world. Directed and managed by Arctic experts, The Arctic Institute's main objective is to put well-researched evidence into action. Both a think-and-do-tank, The Arctic Institute believes that policy recommendations and capacity building programs must be rooted in strategic, field-based research. The Arctic Institute uses its research to empower northern communities to be more secure through network building, workshops and seminars, summer schools, and knowledge exchange programs. With a team of more than 40 Arctic researchers from different backgrounds, The Arctic Institute's research and projects provide data, analysis, and policy recommendations that focus on different themes all pertaining to Arctic security, from global and regional sustainability to promoting peace, collaboration, environmental justice, and equity in the Arctic.

TAI has consistently ranked as a Top 100 Think Tank in the United States by the University of Pennsylvania since 2016 and is the only nationally ranked think tank in the United States that is exclusively dedicated to Arctic studies. We are honored that you are joining us for our first-ever conference, and look forward to your presentations, contributions, and input.

Registration & Access

Registration

Our team planned this conference in late 2021, envisioning a multi-day event for graduate students, early career scholars, and career experts to come together and discuss the Arctic / non-Arctic connection. The Arctic Institute is a 501©3 non-profit headquartered in the United States, meaning that we rely on grants and in-kind donations to keep support the expenses of our annual operations. We intended to charge \$15USD to help support our annual operating expenditures.

Given the worldwide impact of Russia's invasion of Ukraine, we understand that there are participants who may encounter difficulties paying for this conference. We have decided to waive the cost of the conference. Instead, we ask only to pay what you can, *if* you can. Our Eventbrite portal will offer two ticket options: a free ticket, and a suggested donation ticket. We appreciate your support.

Register here: <https://www.eventbrite.com/e/polar-insecurities-the-future-of-global-affairs-in-the-circumpolar-north-registration-334092398357>

Zoom

Our conference will be held on Zoom. We will have **two** Zoom links to be used on all three days to accommodate North/South American and Eurasian/African time zones. Please enter the passcodes when you log into Zoom, and please ensure that your name on Zoom matches your registration so we can identify you.

We expect ALL conference presenters to have their cameras ON and microphones OFF at all times, unless presenting, when microphones should be on. We expect full participation, so come ready to interact with your fellow presenters and the audience!

Schedule – JUNE 8

Alaska (GMT-8)	EST (GMT-4)	CEST (GMT+2)	Moscow (GMT+3)	JUNE 8		
				Zoom Link #1	Zoom Link #2	
		9:00	10:00			
		9:30	10:30			
		10:00	11:00			
		10:30	11:30	Conference Opening Remarks: Dr. Lillian Hussong, TAI President		
		11:00	12:00	Panel 1: Energy	Panel 4: Arctic/Non-Arctic Connection (Part 1)	
		11:30	12:30			
		12:00	13:00			
		12:30	13:30			
		13:00	14:00			
		13:30	14:30	Europe/Asia/Africa Networking Lunch		
	8:00	14:00	15:00		Panel 7: Governance (Part 1)	
	8:30	14:30	15:30			
	9:00	15:00	16:00	Panel 2: Security Architecture		
	9:30	15:30	16:30			
	10:00	16:00	17:00			
	10:30	16:30	17:30			
7:00	11:00	17:00	18:00	Panel 3: History	Panel 5: Arctic/Non-Arctic Connection (Part 2)	
7:30	11:30	17:30	18:30			
8:00	12:00	18:00	19:00		Panel 6: Media & Narratives	
8:30	12:30	18:30	19:30	North/South America Networking Lunch		
9:00	13:00	19:00	20:00			
9:30	13:30	19:30	20:30			
10:00	14:00	20:00	21:00	Panel 8: Governance (Part 2)		
10:30	14:30	20:30	21:30			
11:00	15:00	21:00	22:00			
11:30	15:30	21:30	22:30			
12:00	16:00	22:00	23:00			

Schedule – JUNE 9

Alaska (GMT-8)	EST (GMT-4)	CEST (GMT+2)	Moscow (GMT+3)	JUNE 9	
				Zoom Link #1	Zoom Link #2
		9:30	10:30		DISCUSSION: Larry Ibrahim Mohammed (Windfarms / Indigenous self-determination + navigating graduate school)
		10:00	11:00		
		10:30	11:30		
		11:00	12:00		
		11:30	12:30		
		12:00	13:00		
		12:30	13:30		
		13:00	14:00		
		13:30	14:30		
	8:00	14:00	15:00		
	8:30	14:30	15:30		
	9:00	15:00	16:00		DISCUSSION: Peter Convey (Conservation in Antarctica)
	9:30	15:30	16:30		
	10:00	16:00	17:00	DISCUSSION: Dr. Nicolien Van Lwijk (Shipping in the Canadian Arctic + navigating postdoctoral process)	
	10:30	16:30	17:30		
7:00	11:00	17:00	18:00	DISCUSSION: Cynthia Lazaroff (Track II diplomacy, climate change, nuclear war)	
7:30	11:30	17:30	18:30		
8:00	12:00	18:00	19:00		
8:30	12:30	18:30	19:30		
9:00	13:00	19:00	20:00		
9:30	13:30	19:30	20:30		
10:00	14:00	20:00	21:00		
10:30	14:30	20:30	21:30		
11:00	15:00	21:00	22:00		
11:30	15:30	21:30	22:30		
12:00	16:00	22:00	23:00	DISCUSSION: Breaking Barriers in Polar Research	

Schedule – JUNE 10

Alaska (GMT-8)	EST (GMT-4)	CEST (GMT+2)	Moscow (GMT+3)	JUNE 10	
				Zoom Link #1	Zoom Link #2
		9:00	10:00		
		9:30	10:30		
		10:00	11:00		
		10:30	11:30		Keynote Address: Dr. Daria Shapovalova
		11:00	12:00		
		11:30	12:30		
		12:00	13:00		
		12:30	13:30		
		13:00	14:00		
		13:30	14:30		
	8:00	14:00	15:00		
	8:30	14:30	15:30		
	9:00	15:00	16:00		We are tentatively scheduling a session with the U.S. Embassy in Moscow to be held between 9-11 EST / 15-17 CEST / 16-18 Moscow time. Stay tuned!
	9:30	15:30	16:30		
	10:00	16:00	17:00		
	10:30	16:30	17:30		
7:00	11:00	17:00	18:00	PANEL: SANDIA NATIONAL LABS (Nuclear risk assessments + accidents)	
7:30	11:30	17:30	18:30		
8:00	12:00	18:00	19:00		
8:30	12:30	18:30	19:30		
9:00	13:00	19:00	20:00	PANEL: CANADIAN NORTHERN CORRIDOR (Security / Infrastructure)	
9:30	13:30	19:30	20:30		
10:00	14:00	20:00	21:00		
10:30	14:30	20:30	21:30	PANEL: CANADIAN NORTHERN CORRIDOR (Indigenous Engagement / Infrastructure)	
11:00	15:00	21:00	22:00		
11:30	15:30	21:30	22:30		
12:00	16:00	22:00	23:00		

Keynote Speaker



Daria Shapovalova, Ph.D.

Dr. Daria Shapovalova is a senior lecturer in energy law at the University of Aberdeen. She is the co-director of the Aberdeen University Centre for Energy Law and coordinator of the University's Just Transitions Lab. Daria has been engaged with Arctic science since 2013 and is a long-standing contributor at the Arctic Institute. She has published extensively on Arctic governance, regulation of petroleum production, and climate change law. Her current research is on climate change and energy law with a focus on just transition in Scotland and the Arctic. Daria holds an LLB (National Law Academy of Ukraine, 2012) and an LLM in Public International Law (University of Groningen, 2013). She gained professional experience in energy consultancy and legal practice. Daria is a Fellow of the Higher Education Academy. She is a member of the UK Environmental Law Association, World Commission of Environmental Law, and International Law Association.

Day 1: Panels

Panel #1: "Energy Security in the Arctic"

Arctic Institute Discussant: Pavel Devyatkin, Leadership Group

Presenters:

1. **Alexandru Gociu**
"Energy Security and Climate Litigation in the New Geopolitical Context: Rethinking the Implications of *People v Arctic Oil*"
2. **Marco Volpe**
"How Does the Ukraine Conflict Influence Sino-Russian Energy Relations in the Arctic?"
3. **Anna Shuranova and Matvei Chistikov**
"Russian and Norwegian Official and Public Discourse on Climate Security: A Comparative Study"

Panel #2: "Security Architecture and Operational Security"

Arctic Institute Discussant: Val Muzik, Research Associate

Presenters:

1. **Emily Tucker**
"Will geostrategic competition in the High North be a threat to Security?"
2. **Ayşe Çalık**
"The Impact of the Murmansk Initiative on the Military Security of the Arctic Region"
3. **Renato Fakhoury**
"Polar Stars: Towards an Epistemological Understanding of Security Constellations and the Arctic Case"

Panel #3: "Historical Studies of the Arctic"

Arctic Institute Discussant: Liubov Timonina, Research Associate

Presenters:

1. Samuel Kramer

"White Supremacy and the Fate of the Franklin Expedition – What the Arctic's Greatest Mystery Teaches Us about the Value of Indigenous Knowledge"

2. Agnes Barr-Klouman

"Drawing Lines Around Uncertainties"

3. Insuk Kim

"The case of (Ikkatteq) Bluie East Two in East Greenland – An abandoned U.S. Army Air Force airfield turned into a local economic benefit as a tourist attraction"

Panel #4: "The Arctic / Non-Arctic Connection (Part I)"

Arctic Institute Discussant: Romain Chuffart, Leadership Group

Presenters:

1. Shivani Dhankar

"Strategic and Economic Significance of the Arctic Region for India (2007-2021)"

2. Varun Mohan

"Climate Security in the Arctic – A Global South Perspective"

Panel #5: "The Arctic / Non-Arctic Connection (Part II)"

Arctic Institute Discussant: Yu Cao, Research Intern

Presenters:

1. **Nikita Strelkovskii, Ph.D.**
"Development of various forms of security in the Arctic under different future socio-economic scenarios"
2. **Bianca Fernandes and Guilherme M. Campbell**
"Brazil as a Polar Actor: Brazilian experience and potential contributions to the development of the Arctic agenda"

Panel #6: "Narratives & Media Coverage of the Arctic"

Arctic Institute Discussant: Anna Soer, Research Intern

Presenters:

1. **Katerina Serova**
"Disinformation: Implications for the International Scientific Collaboration in the Arctic"
2. **Saga Helgason**
"Media Coverage of Russia in the Arctic"
3. **Sohvi Kangasluoma**
"Living with fossil fuels: emotional dimension of soft security issues in the Arctic"
4. **Smaranda Olariu**
"How Russia's historic greatness narrative hinders the indigenous identity"

Panel #7: "Governance (Part I)"

Arctic Institute Discussant: Romain Chuffart, Leadership Group

Presenters:

1. **Christopher Kiyaseh**
"Climate Change, Opportunities and Obstacles: The Arctic Council, the Northwest Passage, and the Northern Sea Route"
2. **Anna Lotukhova and Valeriya Gorshkova**
"The Partnership between the USA and Russia in the Field of Sustainable Development Goals in the Arctic Region"

Panel #8: "Governance (Part II)"

Arctic Institute Discussant: Alina Bykova, Editor-in-Chief

Presenters:

1. **Spencer Williams**
"Sea Change or Sustainable Innovation? Implications of the Central Arctic Ocean Fisheries Agreement for Arctic Governance"
2. **Evgeniia Sidorova, Ph.D.**
"Trans-Indigenous cooperation in the Arctic: is it possible without the Arctic Council?"
3. **Magali Vullierme, Ph.D.**
"Climate Change and Human Security in Siberia: Perceptions and Apprehension of Thawing Permafrost"
4. **Victoria Bergström**
"Reimagined Neo-Colonialism: Military Operations and Technology in Strategic Arctic Control"

Day 1: Presenters

Barr-Klouman, Agnes (Carleton University, CAN)

Email: abklouman@gmail.com

Paper: "Drawing Lines Around Arctic Uncertainties"

Education: M.A., Legal Studies, Carleton University

Bio: Agnes Barr-Klouman received her BA in Human Rights and Law before completing her MA in Legal Studies, both from Carleton University in Ottawa, Canada. Her main interest is seeking out the connections between geography, maps, and law in questions of territorial sovereignty. Her current work looks at the Canadian Arctic Archipelago, where she examines how historically subtle approaches to arctic sovereignty established the region as a definitive Canadian space. Professionally, she has worked for members of both the Canadian Senate and the House of Commons. She enjoys exploring, participating in local environmental cleanups, and being a part of citizen science initiatives.

Bergström, Victoria (Providence College, USA)

Email: bergstromvh@gmail.com

Paper: "Reimagined Neo-Colonialism: Military Operations and Technology in Strategic Arctic Control"

Enrolled in: M.A. program in Global Education

Bio: Victoria Bergström is a graduate candidate in the MA Global Education program at Providence College in Rhode Island, USA. Her research focuses are EU-Sámi relations, geopolitics, education in the Arctic, and post-colonial societies. In 2021, she graduated from the University of Groningen in the Netherlands with a MA in International Relations, specifying in Geopolitics and Connectivity. She received a BA in French from the School of Arts and Humanities and a BA in Geopolitics from the School of Sciences and Social Sciences at Keene State College. Victoria is a host for the European Student Think Tank podcast, an English-French youth tutor, and makes maps. Plus, she is a Research Intern at The Arctic Institute.

Campbell, Guilherme M. (University of the State of Rio de Janeiro, BRA)

Email: guilhermemcampbell@hotmail.com

Paper: "Brazil as a Polar Actor: Brazilian experience and potential contributions to the development of the Arctic agenda" (co-authored with **Bianca Fernandes**)

Enrolled in: Master's program in International Relations

Bio: Guilherme Campbell holds a Bachelor's Degree in International Relations from the University of the State of Rio de Janeiro (UERJ), is a journalism undergraduate student at Estácio de Sá University and is currently pursuing a Master's Degree in International Relations at the University of the State of Rio de Janeiro, focused on Chinese climate change policies. He is also a member of the Rio de Janeiro State Water Resources Council.

Çalik, Ayşe (Ankara University, TUR)

Email: aysegulsumcalik@gmail.com

Paper: "The Impact of the Murmansk Initiative on the Military Security of the Arctic Region"

Enrolled in: PhD program in International Relations

Bio: I am doing my PhD in International Relations at Ankara University. Title of the doctoral thesis: "Comparative Analysis of the U.S. and Russia's Arctic Policies and Practices: 2001-2021".

Chistikov, Matvei (National Research University – Higher School of Economics, RUS)

Email: mnchistikov@edu.hse.ru

Paper: "Russian and Norwegian Official and Public Discourse on Climate Security: A Comparative Study" (co-authored with **Anna Shuranova**)

Enrolled in: Master's program in International Relations – European and Asian Studies

Bio: Matvei N. Chistikov received a bachelor' degree of International Studies at Northern Arctic Federal University (2021). He currently works as an intern researcher at the Centre for Comprehensive European and International Studies at the Higher School of Economics in Moscow.

Dhankhar, Shivani (Central University of Himachal Pradesh, IN)

Email: shivanidhankhar17@gmail.com

Paper: "Strategic and Economic significance of Arctic region for India (2007-2021)"

Enrolled in: Ph.D. program in International Relations

Bio: I, Shivani, am a Research scholar pursuing my Ph.D. on International Relations (Topic: Strategic and Economic Significance of Arctic region for India (2002-2021) from Department of Political Science, Central University of Himachal Pradesh. As a student of International relations and a research scholar I hold great interest in the future global affairs of Circumpolar region.

Fakhoury, Renato (University of Massachusetts Lowell, USA)

Email: renato_mendesfakhoury@student.uml.edu

Paper: "Polar Stars: Towards an Epistemological Understanding of Security Constellations and the Arctic Case"

Enrolled in: Ph.D. program in Global Studies

Bio: Renato Fakhoury is a doctoral student in Global Studies at the University of Massachusetts in Lowell. His research is centered in International Relations, with focus on Theory of International Relations, constructivist approaches to security, international organizations, and indigenous communities. Current projects include analyzing the role of narrative and identity in Arctic security dynamics.

Fernandes, Bianca (University of the State of Rio de Janeiro, BRA)

Email: biancafernandes36@hotmail.com

Paper: "Brazil as a Polar Actor: Brazilian experience and potential contributions to the development of the Arctic agenda" (co-authored with **Guilherme M. Campbell**)

Education: Bachelor's in International Relations

Bio: Bianca Fernandes holds a Bachelor's Degree in International Relations from the University of the State of Rio de Janeiro (UERJ), is a former BRICS Intern from the Far Eastern Federal University (Russia) and a researcher on International Cooperation in the Arctic.

Gociu, Alexandru (Trinity College Dublin, IRE)

Email: gociua@tcd.ie

Paper: "Energy Security and Climate Litigation in the New Geopolitical Context: Rethinking the implications of People v Arctic Oil"

Enrolled in: Ph.D. program in School of Law

Bio: Alexandru Gociu is a third year Ph.D. Candidate at Trinity College Dublin School of Law under the supervision of Professor Suryapratim Roy. His research interests are in the area of Energy Law, Regulatory Law, Environmental Law, and International Law. After earning his J.D. from University of Oradea, he practiced law in Romania as an attorney at law. In 2016 he received an LL.M. in Comparative Law from Louisiana State University. He also holds an LL.M. in European Law from University of Oradea and a B.A. in International Relations and European Studies from the National School of Political Studies and Public Administration, Bucharest.

Gorshkova, Valeriya (RANEPA, RUS)

Email: valeriya01alfa@yandex.ru

Paper: "The Partnership between The USA and Russia in the field of Sustainable Development Goals in the Arctic Region" (co-authored with **Anna Lotukhova**)

Enrolled in: Bachelor's degree program in International Economic Relations

Bio: Valeriya's interests include gender inequality, international law, human rights, violence and trauma, international organisations, sustainable development movements, EST, and green economy.

Helgason, Saga (Stanford University, USA)

Email: saga.helgason@thearticinstitute.org

Paper: "Media Coverage of Russia in the Arctic"

Bio: Saga Helgason is a graduating MA student in Russian, Eastern European and Eurasian Studies at Stanford University. She holds a BA degree from the University of Iceland in Russian Studies and has completed one year of the MA program in Environment and Natural Resources from the same university. Her academic research interests include Arctic geopolitics, energy relations and sustainability, as well as photojournalism, censorship and propaganda. She has worked for *Islandsbanki*, one of Iceland's three leading banks, on the bank's sustainable financing framework, with particular focus on fisheries companies. Saga has been working as a research intern and podcast co-host for The Arctic Institute.

Kangasluoma, Sohvi (University of Helsinki, FIN)

Email: sohvi@kangasluoma@helsinki.fi

Paper: "Living with fossil fuels: emotional dimension of soft security issues in the Arctic"

Enrolled in: PhD program in Political Science

Bio: I am a PhD candidate at University of Helsinki, Finland, at the doctoral programme of Political, Societal and Regional Changes. My dissertation focuses on the production of oil and gas in the Arctic, and its entanglements with gender, emotions and human security. My focus has been especially oil and gas production in northern Norway and in northern Russia. I am now working in a project called FLOWISION, which focuses on the visibility of energy in the Russian and Finnish contexts. I live on a sailboat in the northern waters, currently on my way to Alaska and the Northwest passage.

Kim, Insuk (Visit Greenland, Greenland)

Email: kim.insuk.greenland@gmail.com

Paper: "The case of (Ikkatteq) Bluie East Two in East Greenland – An abandoned U.S. Army Air Force airfield turned into a local economic benefit as a tourist attraction"

Education: M.A. in Cultural Heritage Studies, University College London

Bio: Insuk was born and raised in Seoul, Korea. She received her master's degree in Cultural Heritage Studies from University College London (UCL). Her thesis was about Greenland's cultural and natural heritage affected by climate change. She moved to Greenland in 2015 to take the master's program, West Nordic Studies at University of Greenland. While studying, she did two internships; 1. UArctic Research Liaison and Thematic Networks Office, Thule Institute at University of Oulu, Finland, 2. Arctic Economic Council Secretariat in Tromsø, Norway. She published a book about her life in Greenland in the Korean language in 2019. Her research focuses on international relations between Greenland, Denmark and the U.S. Currently she is a web editor at Visit Greenland, the national tourists board of Greenland.

Kiyaseh, Christopher (American University, USA)

Email: ck4799a@american.edu

Paper: "Climate Change, Opportunities and Obstacles: The Arctic Council, the Northwest Passage, and the Northern Sea Route"

Enrolled in: Christopher Kiyaseh is an M.A. Political Science candidate at American University, School of Public Affairs. His research explores the impact of climate change on the Arctic, focusing on governance, conflict, and institutions. Christopher is researching the impact of climate change on construction activity in Albania. Specifically, operationalizing climate change as extreme weather events and natural disasters. While receiving his B.A. at the University of South Florida, Christopher studied the impact of climate change operationalized as average sea ice extent on conflict or cooperation among the eight Arctic Council member states. Professionally, Christopher has a background in open-source intelligence, public relations, mixed-method research, and cybersecurity. He is also co-author of The Economic Impact of Cyber Attacks on Municipalities. The white paper has been referenced by *Forbes* and Associated Press News, among other notable global media and cyber security publications.

Kramer, Samuel (Montana State University, USA)

Email: Samuel.kramer92@gmail.com

Paper: "White Supremacy and the Fate of the Franklin Expedition – What the Arctic's Greatest Mystery Teaches Us about the Value of Indigenous Knowledge"

Enrolled in: M.A. program in History

Bio: My name is Samuel Kramer, I am a recent graduate of Montana State University where I earned my Master's degree in History. My area of focus was the Arctic, Alaska, and the American West. I examined the connection between the three in my graduate thesis titled From Lethargy to Leadership: America's Origins and Obligations as an Arctic Nation. I currently live in Montana and hope to begin a career studying, researching, and writing about the Arctic.

Lotukhova, Anna (Tomsk State University, RUS)

Email: annalotuhova2001@gmail.com

Paper: "The Partnership between The USA and Russia in the field of Sustainable Development Goals in the Arctic Region"

Enrolled in: Bachelor degree International Area Studies

Bio: My name is Anna. I am a student of TSU, Tomsk. My research interests are SDG of the UN. Also, I am an active member of various international or Russian forums dedicated to the topic of SDG. For instance, I took part in "Youth dialogue on climate change" from AMC. In addition to it, I like volunteering, and I organized a couple of events in my and other cities.

Mohan, Varun (University of National Institute of Advanced Studies, Bangalore, IN)

Email: varunmohan@nias.res.in

Paper: "Climate Security in the Arctic – a Global South Perspective"

Enrolled in: PhD program

Bio: Varun Mohan is pursuing PhD at National Institute of Advanced Studies, Bangalore, India. His research interests includes climate security, Arctic Studies, Indo-Pacific, South Asia.

Olariu, Smaranda (King's College of London, UK)

Email: smarandaolariu07@gmail.com

Paper: "How Russia's historic greatness narrative hinders the indigenous identity"

Education: M.A., Strategic Communications, King's College of London

Bio: Smaranda Olariu is a recent graduate from King's College of London (KCL), obtaining her Master of Arts in Strategic Communications. After pursuing her undergraduate program in Communications and Media Studies at Sorbonne University, her interest shifted towards international relations. She wrote her dissertation on how states (China, Russia and the United States) built their narratives in the Arctic using various tactics. By applying her knowledge in semiotics, marketing and media to the circumpolar region, Smaranda explores how countries communicate beyond words using heroic acts, pop culture, economic investments or tourism to communicate their identity in the North Pole. Smaranda's research interests include: the governance of common goods, ending violence against indigenous communities with a main focus on Australia, Brazil and the Arctic, market research and building national cultural identity. In the future, she would like to pursue her Ph.D. in Political Communication.

Shuranova, Anna (National Research University – Higher School of Economics, RUS)

Email: shuranova.ann@gmail.com

Paper: "Russian and Norwegian Official and Public Discourse on Climate Security: A Comparative Study" (co-authored with **Matvei Chistikov**)

Enrolled in: Master's in International Relations: European and Asian Studies

Bio: Anna A. Shuranova holds a bachelor's degree of the School of International Relations of Saint Petersburg State University (2021), specialising in European Studies. In 2019, she spent a semester as a part of student exchange in the University of Economics, Prague. In 2020/21, she spent a semester studying at the University of Hamburg. Since 2018, she is heading the Youth department of the Russian Association for the Advancement of Science (RAAS) in Saint-Petersburg, and since 2021, she is a member of RAAS's Plenary body. Since 2022, she works as an intern researcher at the Laboratory for Economics of Climate Change at the Higher School of Economics in Moscow.

Serova, Katerina (St. Petersburg State University, RUS)

Email: katar.serova@gmail.com

Paper: "Disinformation: Implications for the International Scientific Collaboration in the Arctic"

Enrolled in: PhD program in International Relations and World Politics

Bio: Born on July 27, 1996. Ekaterina is a Lecturer and the Analyst at the Arctic Center at Petrozavodsk State University. She is currently a Postgraduate student at Saint Petersburg State University. Her scientific interests include Foreign Policy of Finland and Sweden, Nordic Defence Cooperation, the Northern Dimension Policy of the EU, Cooperation and Confrontation in the Arctic. She speaks Russian (first language), English (C2), Finnish (C1). In 2020-2022 she visited SHAPE, NATO Headquarters (Brussels, Belgium), participated in Rovaniemi Arctic Spirit Conference (Rovaniemi, Finland), International Week at UiT The Arctic University of Norway (Tromso, Norway), etc.

Sidorova, Jen (University of Calgary, CAN)

Email: evgeniia.sidorova@ucalgary.edu

Paper: "Trans-Indigenous cooperation in the Arctic: is it possible without the Arctic Council?"

Education: Ph.D., University of Calgary

Bio: Evgeniia (Jen) Sidorova, Ph.D. is a Postdoctoral Associate at the School of Public Policy at University of Calgary. Jen holds a doctorate in Political Science (International Relations and Comparative Politics) from University of Calgary, AB, Canada. She identifies herself as an Indigenous Siberian (Sakha) from Yakutsk, Sakha Republic. Her special area of expertise is incorporation of Indigenous and Local Knowledge in wildlife management, science, and industrial development.

Strelkovskii, Nikita (International Institute for Applied Systems Analysis, AUT)

Email: strelkon@iiasa.ac.at

Paper: "Development of various forms of security in the Arctic under different future socio-economic scenarios"

Education: International Institute for Applied Systems Analysis (IIASA)

Bio: Dr. Nikita Strelkovskii is a research scholar in the Cooperation and Transformative Governance (CAT) and Exploratory Modeling of Human-Natural Systems (EM) research groups of the Advancing Systems Analysis (ASA) Program, International Institute for Applied Systems Analysis (IIASA), Austria. Dr. Strelkovskii graduated from and completed his Ph.D. at the Faculty of Computational Mathematics and Cybernetics, Lomonosov Moscow State University, Russia. His research interests include control theory, agent-based modeling and simulations, scenario planning, and systems thinking. He applies his methodological expertise to various applications like industrial development, economic effects of migration, water resources management, and national well-being. In 2018, Dr. Strelkovskii co-developed industrial development scenarios of Kyrgyzstan until 2040. These scenarios formed the basis of the policy recommendations approved by the Kyrgyz decision-makers and were published in the joint IIASA-UNIDO report and the Futures journal. Recently, Dr. Strelkovskii has been developing scenarios of transit and destination shipping in the Arctic.

Tucker, Emily (University of Exeter, UK)

Email: et468@exeter.ac.uk

Paper: "Will geostrategic competition in the High North be a threat to Security?"

Enrolled in: B.A. program in International Relations with French Language

Bio: Emily Tucker is a Final Year student at the University of Exeter studying BA International Relations with French Language. During her time at the University, she has specialised in International Security and Strategic Studies, and has a specific interest in Maritime Security. During her final year, she has completed a dissertation on military Security in the High North. This paper focuses on the effects of geostrategic competition in the Arctic for inter-state relations. This research area is of particular interest due to the region's changing nature and its increasing strategic importance. Her French Studies have involved translating policy briefings and analysing contemporary affairs. Alongside her studies she has been an active member of the University community, including holding the position of President of the French Society and completing an internship with the Digital Transformation team. In future, she hopes to work in defence policy or analysis.

Volpe, Marco (University of Lapland, FIN)

Email: volpemarco89@gmail.com

Paper: "How does the Ukraine conflict influence Sino-Russian energy relation in the Arctic?"

Enrolled in: PhD program in the Arctic in a Changing World

Bio: Extremely passionate about Arctic issues, I have recently started my PhD project at the University of Lapland. Last week I moved to Rovaniemi to work at the Arctic Centre. From the first hours in Finland I have fallen in love with the working place and with the University environment. Before moving to the Arctic, I have been travelling to China, Spain and UK to complete my studies. The focus of my research is China's Arctic engagement and the role that epistemic community in China has had in shaping China's Arctic policy.

Vullierme, Magali (Université de Montréal, CAN)

Email: magali.vulliereme@gmail.com

Paper: "Climate Change and Human Security in Siberia: Perceptions and Apprehension of Thawing Permafrost"

Education: PhD in Political Science

Bio: Magali Vullierme, PhD in political science, is researcher at CHUM Research Center (CHUM-RC, Université de Montréal) where she assesses tele-radiology services as a reinforcing tool for Health Security and Cultural Security of Northern and isolated communities of Quebec. More broadly, her research aims to better understand the (inter)relationships between, on the one hand, Indigenous and local populations of Arctic and sub-Arctic regions, and, on the other hand, multi-scalar security issues (collaboration with the Armed Forces, risks linked to climate change, health security). She has led several fields in the Arctic, notably in Nunavik and Nunavut, with Canadian Rangers patrols, in Greenland, and in Eastern Siberia – in Yakutsk and in the Bulunsky region for the European Commission project "Nunataryuk » (n° 773421, EU Horizon 2020) (Republic of Sakha-Yakutia, Russian Federation).

Williams, Spencer (McGill University, CAN)

Email: spencer.williams@mail.mcgill.ca

Paper: "Sea Change or Sustainable Innovation? Implications of the Central Arctic Ocean Fisheries Agreement for Arctic Governance"

Enrolled in: BCL/JD program

Bio: Spencer Williams is a second-year law student at McGill University in Montréal, Canada. He holds a Master's in International Affairs from the Graduate Institute, Geneva and a Master's in Economic Policy from McMaster University. His main areas of interest are international environmental law and policy, with an emphasis on Arctic issues. Spencer enjoys the outdoors and is a member of the McGill Nordic ski team.

Day 1: Networking Lunches



Two networking lunches have been allocated for those **East** (Africa/Europe/Asia/Australia) and **West** (North/South America) of Greenwich Mean Time (GMT). These virtual lunches are an opportunity to mingle with other conference participants, learn more about how you can get involved with The Arctic Institute, and submit articles to us for publication. Attendees may be put in several smaller breakout rooms to give everyone a possibility to meet new faces or catch up with old friends. Have some food at the ready and please join us for networking lunch at your own convenience.

Day 2: Sessions

On Day 2, The Arctic Institute staff discusses global security challenges and their potential impacts on the Arctic, as well as how to succeed in polar research, with academics and practitioners. Please come ready to have a conversation with the presenters! This is an interactive format.

"Developing Future Conservation Strategy in Antarctica" – Discussion with Peter Convey (British Antarctic Survey)

This presentation has a primary focus on current level and mechanisms of environmental protection in the terrestrial regions of Antarctica. Key areas of discussion, and of consideration of possible practical parallels with the Arctic, include: how effective is area protection in Antarctica compared with other regions of the world? Is the current system representative of 'values' recognised as worthy of protection? Is it resilient to current and future challenges facing Antarctica (in essence, direct and indirect human impacts)? If not, what developments are required? Are the governance and conservation management mechanisms already in place to enable necessary improvements to be achieved?

"How Can Track II Citizen Diplomacy Initiatives Help Build Peace and Address the Existential Threats of Climate Change and Nuclear War?" – Discussion with Cynthia Lazaroff

Considering examples from The Cold War and today, we will explore how people-to-people diplomacy and inspiring demonstrations of cooperation in the Arctic and beyond can help reduce tensions, improve U.S.- Russia relations and address existential threats for the benefit of all humanity.

Canadian Shipping in the Arctic – Discussion Dr. Nicolien van Luijk (Environmental, Society, and Policy Group (ESPG))

Changes in Arctic climate has increased the potential for shipping through the Canadian Arctic, these changes present a multitude of risks and impacts to Inuit communities that live in this region (Inuit Nunangat). This presentation will provide an overview of some of the research conducted by the Environment, Society, and Policy Group (led by Dr. Jackie Dawson) at the University of Ottawa on this topic. Including: looking at the impacts of increased shipping on harvesting activities and food security; potential impacts of shipping pollutants and increased resource development activity; and community concerns about international security and Inuit sovereignty over their homelands. The purpose of this presentation is to start a discussion about these changes experienced in the Canadian Arctic and to look at how Inuit sovereignty and security can be supported and protected throughout.

"Windfarms in the heart of Indigenous self-determination; lessons from Norway and Canada" – Discussion with Larry Ibrahim Mohammed (UiT-The Arctic University of Norway)

The pursuit of renewable energy is one of many ways states adopt to tackle climate change. However, renewable energy policies such as pursuing wind power entail land use and resource management decisions. In my presentation, I will touch upon some of the reasons driving the

pursuit of renewable energy in Norway and Canada. With two case studies, I will share my reflections on how Indigenous self-determination and the principle of Free Prior and Informed Consent (FPIC) are tested and utilized in these two states concerning wind energy development.

“Breaking Barriers in Polar Research” – Discussion with Accessibility in Polar Research and Women in Polar Research

This workshop aims to bring attention to the challenges faced by minoritized groups in the polar sciences as well as the importance of a more diverse community in making polar research stronger. Uniting a range of different organisations working to promote equity and inclusion in the polar sciences, we will discuss the range of initiatives, resources, and support available to help you advocate for both your community and yourself in your research. We welcome all participants to join in and engage with this important topic!

Day 2: Presenters

Aldis, Angus

Angus Aldis (@angusaldis) currently researches Antarctic Krill ecology and diurnal migration. He has multiple learning difficulties and is keen to ensure the polar field recognises and accommodates disabled researchers' coping mechanisms.

Andreasen, Julia

Julia is a Glaciology PhD student and NASA Future Investigator (FINESST) Fellow at the University of Minnesota, Twin Cities. Julia's research uses radar data to construct snow accumulation time series of coastal ice rises spanning the West Antarctic Ice Sheet.

Cockram, Charlotte

Charlotte Cockram (@_charlotteec_) is an Msci Oceanography graduate from the University of Southampton. She has a passion for research in the physical polar oceanography field, in particular the impacts of ice melt on the circumpolar current. Despite having a hearing impairment since birth, the pandemic and studying online highlighted barriers within the digital accessibility world which motivated her to train and work in digital accessibility, to help educate academics on the importance of digital accessibility.

Convey, Peter

Peter Convey is a polar terrestrial ecologist with approaching 34 years' experience working with the British Antarctic Survey and in a wide range of polar and other environments. He has completed 19 Antarctic summer seasons and one winter, multiple Arctic (Svalbard, Greenland, Russia) field or teaching periods, and periods of fieldwork in southern Chile and the hot deserts of Namibia. He has very broad, diverse and highly collaborative research interests, with over 500 publications (current H Index 56, Web of Science, 70, Google Scholar, i10 Index 319) These include: 1) Biodiversity and biogeography of polar terrestrial invertebrates, plants and microbes; 2) Life history and ecophysiological strategies of extreme environment terrestrial biota; 3) Polar ecosystems as models of the past and future global consequences of climate change; 4) Palaeobiogeographical reconstruction of Antarctica; 5) Human impacts, conservation and management in Antarctica.

Franklin, Harleena

Harleena is a Geology PhD student and Schomburg Fellow at The University at Buffalo in New York as a part of the NICH Arctic project. She studies paleoclimate through proxy systems analysed from Arctic lake sediments.

Herbert, Andrea

Andrea Herbert is a cultural anthropologist who has worked on tourism-related projects with Indigenous people in Peru, conducted research in informal settlements in Patagonia, Argentina, and engaged in polar tourism as both a researcher (Antarctic) and a polar guide (Arctic and Antarctic). She has been coordinating the yearlong #100polarwomen project (<https://womeninpolarscience.org/100polarwomen/>), which is part of Women in Polar Science (WiPS). WiPS was founded in 2014 by Dr Renuka Badhe and colleagues with the aim of connecting and supporting women working in science and support jobs in both Arctic and Antarctic.

Lazaroff, Cynthia

Cynthia Lazaroff is an award-winning documentary filmmaker and founder of Women Transforming Our Nuclear Legacy. Cynthia is dedicated to catalyzing efforts in U.S.-Russia relations to reduce the nuclear risk and to working with people in Russia and all countries to move towards a world without nuclear weapons. She is convening Bering Strait for Peace, a gathering of indigenous peoples from Russia and the U.S. in the Bering Strait, and Women Transforming Our Nuclear Legacy, an international online mentoring program to empower women to transform our nuclear legacy and build a global movement to abolish nuclear weapons.

Mohammed, Larry Ibrahim

Larry Ibrahim is a Global Citizen who believes in contributing his quota into making the world a better place. He constantly strives to deepen his insights as an Arctic Advocate and a Policy Analyst. Larry worked as an Envoy from UiT-The Arctic University of Norway to Arctic Frontiers, where he managed the Arctic Frontiers Student Forum (2020 and 2021) and also coordinated young projects under the Arctic Frontiers Young portfolio. Larry has participated as a delegate in two Youth Assemblies at the United Nations in New York and volunteered at the 12th Expert Mechanism on the Rights of Indigenous Peoples (EMRIP) in Geneva. Larry's academic interest stretches from International Indigenism, Arctic governance and resources extraction and conflict resolution. Currently, Larry Ibrahim Mohammed is a PhD Fellow of Comparative Indigenous Studies at UiT-The Arctic University of Norway.

Van Lwijk, Nicolien

Dr. Nicolien van Lwijk is currently working as a Postdoctoral Fellow in the Environment, Society and Policy Group at the University of Ottawa. She is a trained sociologist and works as the qualitative research analyst for the research team. Her research is focused on examining the impacts of climate change and shipping on the livelihoods of Inuit who live in Inuit Nunangat (Inuit homeland in Canada). In the past, she has also worked as a Postdoctoral Researcher at the University of British Columbia in Vancouver, Canada and the University of Lausanne in Switzerland.

Day 3: Sessions

Canadian Northern Corridor

CNC Session 1: A multi-faceted perspective on security in the context of northern Canadian infrastructure development

This special session discusses security in the context of northern Canadian infrastructure development from a multi-conceptual perspective by focusing on economic, political, military, social and environmental security and safety. This session will offer an interdisciplinary perspective into security and risk based on key issues that are currently studied in the context of northern Canadian infrastructure development.

- Dr. Katharina Koch, University of Calgary (CAN) (Discussant)
- Dr. P. Whitney Lackenbauer, Trent University (CAN)
- Dr. Steven Vamosi, University of Calgary (CAN)
- Mr. Nathan Debortoli, PlanAdapt Collaborative gnhub – Berlin (DEU)

CNC Session 2: Indigenous engagement and knowledge coproduction in the context of northern Canadian infrastructure development

This session is dedicated to the discussion of human security issues in the Canadian North and near North, including incorporation of Indigenous and Local Knowledge into the CNC concept and meaningful engagement with Indigenous communities in northern and middle Canada. This session will introduce transdisciplinary approach in social sciences and the combination of policy issues and technology.

- Dr. Evgeniia (Jen) Sidorova, University of Calgary (CAN) (Discussant)
- Dr. Jenanne Ferguson, MacEwan University (CAN)
- Ms. Lauren Clavelle, University of Calgary (CAN)
- Dr. P. Whitney Lackenbauer, Trent University (CAN)

About the Canadian National Corridor: The Canadian Northern Corridor (CNC) Research Program was launched in June 2015 by the School of Public Policy at the University of Calgary, in partnership with the Centre for Interuniversity Research and Analysis of Organizations (CIRANO). The CNC program is the leading platform for providing information and analysis necessary to establish the feasibility and desirability of a network of multi-modal rights-of-way across middle and northern Canada. Endorsed by the Senate of Canada, this work responds to the Council of the Federation's July 2019 call for informed discussion of pan-Canadian economic corridors as a key input to strengthening growth across Canada and "a strong, sustainable and environmentally responsible economy." This Research Program will help all Canadians benefit from improved infrastructure development in Canada. The program undertakes policy-relevant, multi-disciplinary research supported by a cross-Canada network of researchers related to key topics such as environmental protection and climate change, security and sovereignty, trade gains through improved internal and international connectivity, Indigenous agency and meaningful consultation. The CNC concept is proposed as a potential solution to the geographic, political, economic and social

challenges faced by Canada by providing growth and diversification through access to rapidly expanding international markets and internal interregional trade.

U.S. Embassy Moscow – Science, Technology, Environment, and Health section – cancelled

This talk may cover U.S.-Russian Arctic cooperation and the Arctic Council, which, as of June 8, 2022, may resume in a limited status. Please note, this event is tentative. We will update as we learn more.

Sandia National Labs

"Evaluating MACCS Capabilities and Investment Areas Benefiting Arctic Environments"

The MACCS code suite has been used for decades to perform probabilistic risk assessments for nuclear power plant licensing and other nuclear power applications. With knowledge of a reactor source term, site characteristics, and meteorological conditions, MACCS can calculate the atmospheric transport of radionuclides and both the immediate and long-term consequences of accidental radionuclide releases. Protective actions and food chain impacts are also calculated. Given the likelihood that nuclear energy will play a key role in a secure energy future for the Arctic, MACCS applicability to Arctic regions is an emerging area of scientific inquiry. Arctic environments are strategically important regions with unique physiochemical characteristics and population dynamics that challenge many of the probabilistic risk assessment assumptions used for traditional light water reactors. Mobile, waterborne nuclear reactors are an example of future energy technologies that may benefit the Arctic but will require detailed risk assessments to ensure they are safe and equitable for Arctic regions. Here we qualitatively discuss MACCS current capabilities in the context of Arctic environments and propose model updates that would benefit implementation of nuclear energy technologies in Arctic environments. Topics discussed have implications for all aspects of Arctic security.

- Dr. Kyle Clavier (Senior Geosciences Engineer)
- John D. Fulton (Manager of the Accident Consequence Modeling and Analysis Group)
- Dr. Dan Clayton (Project Manager of the Radioisotope Power Systems Launch Safety Group)
- Mariah L. Smith (R&D Geosciences Engineer)

Day 3: Presenters

Clavier, Kyle (Sandia National Laboratories, USA)

Dr. Kyle Clavier is a Senior Geosciences Engineer at Sandia National Laboratories in Albuquerque, New Mexico. Dr. Clavier's work focuses on nuclear accident consequence analysis for terrestrial and space-based systems, where he models chemical and radiological releases to the environment and the associated human health, environmental and economic consequences. Kyle holds a PhD in Environmental Engineering from the University of Florida and his areas of expertise include contaminant fate and transport, risk assessment, consequence analysis, environmental chemistry, and disposal and reuse practices for industrial wastes. Kyle can be reached at kaclavi@sandia.gov.

Clavelle, Lauren (University of Calgary, CAN)

Lauren Clavelle is an undergraduate student in the Department of Political Science at the University of Calgary. She is of Tahlitan ancestry through her mother and grandfather, who was a residential school student in Whitehorse, Yukon. Her research interests are Indigenous governance, ways of knowing, and cultural resurgence.

Clayton, Daniel (Sandia National Laboratories, USA)

Dr. Daniel Clayton is the Project Manager of the Radioisotope Power Systems Launch Safety group at Sandia National Laboratories, simulating and predicting behavior of nuclear components during space launch accidents. Most recently his team produced the Final Safety Analysis Report in support of the Mars 2020 mission. He also is the principle investigator for analyses of severe accidents in nuclear power plants and nuclear facilities and the environmental transport of radiological releases, as well as the health and economic consequences of such releases. Dr. Clayton received his B.S. and Ph.D. degrees in Chemical Engineering from Brigham Young University. His areas of expertise include atmospheric transport and dispersion, CFD modeling, consequence analysis, launch accident sequencing, model development/coding, and risk assessments.

Debortoli, Nathan (PlanAdapt Collaborative gmhub – Germany [Berlin])

Nathan has 14 years of experience finding solutions to integrate climate, environment, socioeconomic and institutional science and data in diverse scales and regions. He designed unique methods to tackle climate change and natural hazards adaptation on regional and national development scales. He implemented indices to assess climate change vulnerability and resilience in the Arctic and Tropical areas (e.g., drought, landslides, flash floods, extreme weather events), delivering crucial information to implement adaptation policy strategies at national, regional and municipality levels. His approach uses complex data sets with holistic and flexible products that can easily communicate to audiences, such as communities, stakeholders, and policymakers. His portfolio includes vulnerability and adaptation

assessments, cost calculation, public policies analyses and mapping, policy strategy implementation, multi-criteria and governance scenarios development, land-use modelling, remote sensing, GIS mapping with application in environmental and climate sciences, climate change scenarios, sustainability indicators, system network analysis and text analysis. Nathan has been enrolled with more than eleven universities and research centers in the Americas, Europe, and Asia.

Ferguson, Jenanne (MacEwan University, CAN)

Dr. Jenanne Ferguson is an Assistant Professor in Anthropology at MacEwan University, Alberta, Canada. She is a linguistic and sociocultural anthropologist who is interested in the dynamics of the revitalization and maintenance of Indigenous and minority languages in the Circumpolar region, particularly Sakha. Currently she is writing about language ideologies and policies, verbal art and the connections between language and land.

Fulton, John D. (Sandia National Laboratories, USA)

John Fulton is the Manager of the Accident Consequence Modeling and Analysis Group at Sandia National Laboratories, where he has worked for the last two decades. During his time at Sandia, John led the development of the Turbo FRMAC software and also led the development of the Sandia Hazard Assessment Response Capability (SHARC). John recently led the development of the Launch Safety Atmospheric Transport and Consequence group where he applied his expertise in dynamic plume rise, health physics and atmospheric transport and dispersion to assess the potential impacts of a launch failure for the Mars 2020 launch. John's areas of expertise also include code development and verification, software, modeling and simulation, risk assessment and uncertainty analysis and emergency response. John is a certified Project Management Professional who holds Bachelor's degrees in Computer Science and Meteorology from Texas A&M University and a Master's degree in Atmospheric Science from Colorado State University. John can be reached at jdfulto@sandia.gov.

Lackenbauer, P. Whitney (Trent University, CAN)

Dr. P. Whitney Lackenbauer is Canada Research Chair (Tier 1) in the Study of the Canadian North and a Professor in the School for the Study of Canada at Trent University, Ontario, Canada. He also serves as network lead of the North American and Arctic Defence and Security Network (NAADSN). He has (co-)written or (co-)edited more than fifty books and more than one hundred academic articles and book chapters, including *Breaking Through? Understanding Sovereignty and Security in the Circumpolar Arctic* (co-edited, 2021); *Canada and the Maritime Arctic: Boundaries, Shelves, and Waters* (co-authored 2020); and *Governing Complexity in the Arctic Region* (co-authored 2019).

Sidorova, Evgeniia (University of Calgary, CAN)

Dr. Evgeniia (Jen) Sidorova is a Postdoctoral Associate at the School of Public Policy at University of Calgary. Jen holds a doctorate in Political Science (International Relations and Comparative Politics) from University of Calgary, AB, Canada. She identifies herself as an Indigenous Siberian (Sakha) from Yakutsk, Sakha Republic. Her special area of expertise is

incorporation of Indigenous and Local Knowledge in wildlife management, science, and industrial development.

Smith, Mariah L. (Sandia National Laboratories, USA)

Miss Mariah Smith is an R&D Geosciences Engineer at Sandia National Laboratories in Albuquerque, New Mexico. Mariah has been at Sandia since May of 2020 and focuses on accident consequence modeling and assessments for various types of nuclear releases using the MACCS code. She also assists with deep geologic repository performance assessments and natural disaster emergency preparedness. Mariah received her B.S. in Environmental Engineering at the New Mexico Institute of Mining and Technology and her M.Eng. in Civil Engineering from the University of New Mexico. Her areas of expertise include atmospheric transport and dispersion, air quality assessment, accident consequence, environmental compliance, contaminant transport, and emergency planning and preparedness. Mariah can be reached at msmith7@sandia.gov.

Vamosi, Steven (University of Calgary, CAN)

Dr. Steven Vamosi is Professor of Population Biology in the Department of Biological Sciences at the University of Calgary. He is also the Scientific Director of the Biogeoscience Institute, overseeing the vision and mission of the long-running montane Barrier Lake and R.B. Miller Field Stations. His research focuses on evolutionary and conservation ecology of aquatic and semi-aquatic vertebrates (especially fish, beavers, and amphibians) in western Canada, with special interests in impacts of habitat degradation, climate change, and non-native species. He and his lab members are committed to working in a good way with Indigenous partners.

Media & Social Media



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YouTube: <https://www.youtube.com/c/TheArcticInstitute>

Conference panels from June 9 and June 10 will be recorded and uploaded to the Institute's YouTube channel with permission from the presenters.

Conference Team

We are grateful to the staff members who helped to coordinate this conference, by distributing CFP, reviewing abstracts, liaising with organizations, and serving as conference discussants.

Dr. Lillian Hussong is the interim President & Managing Director of The Arctic Institute. She has worked for the Institute since 2018, and has served on the Leadership Group since 2021. Before her appointment as interim Managing Director in August 2021, Lillian served as the Social Media Manager and as the External Communications Coordinator. Lillian holds an M.S./Ph.D. in Global Affairs from Rutgers University, and an M.A. in Holocaust & Genocide Studies and a B.A. in Historical Studies from Stockton University

Romain Chuffart is a Research Associate and Leadership Group member at The Arctic Institute. He is one of the co-hosts of The Arctic Institute's Bookshelf Podcast and also works with TAI's editing team. Romain was also a contributing writer to the Institute's weekly publication in app form, The Arctic This Week App. Romain is also a DurhamARCTIC PhD candidate in law at Durham Law School, Durham University (UK) and he holds a MA in Polar Law from the University of Akureyri, Iceland.

Dr. Sanna Kopra is a Senior Fellow at The Arctic Institute, where her research focuses on Arctic politics and governance in general, and the role of China in Arctic affairs in particular. She received Doctoral Degree in International Politics from the University of Tampere, Finland, in November 2016.

Alina Bykova is a Research Associate and the Editor-in-Chief of the editing team at The Arctic Institute. She also works on Russian writing and translation for the website. Alina is a PhD student in history at Stanford University. In 2019, she earned her masters in European and Russian Affairs from the Munk School of Global Affairs and Public Policy at the University of Toronto.

Pavel Devyatkin is a Research Associate and Leadership Group member at The Arctic Institute. Pavel was previously Editor in Chief and a contributing writer of The Arctic This Week and Manager of The Arctic Institute's 10-Year Anniversary Program. Pavel is a Doctoral Student at the Higher School of Economics in Moscow (HSE).

Mariel Kieval is a Research Assistant at The Arctic Institute. She is a contributing writer to the Institute's flagship weekly publication, The Arctic This Week (TATW). Her contributions include the Military and Search & Rescue, and Science & Environment sections of the newsletter. She also transcribes TAI's Bookshelf Podcast. Mariel holds BAs in International Relations and Environmental Studies from Tufts University.

Val Muzik is a Research Associate at The Arctic Institute. Previously, Val was the lead writer of the Institute's weekly news analysis publication, *The Arctic This Week's Take Five*, from 2016-2017. She is a PhD student at the University of British Columbia, and holds a MA in International Relations from McMaster University and a BA (Hons.) in Political Science from York University.

Liubov Timonina is a Research Associate at The Arctic Institute. She is one of the hosts of The Arctic Institute Bookshelf Podcast. Previously, she has worked as one of the lead writers of *Take Five*, the Institute's weekly news analysis publication, as well as the Institute's newsletter, *The Arctic This Week (TATW)*. Liubov is now doing her PhD in History of Technology, Science and Environment at KTH Royal Institute of Technology in Stockholm, Sweden. In 2019, Liubov graduated from Erasmus Mundus M.A. in Global Studies with a joint degree from the University of Leipzig and Ghent University. Liubov also holds a Specialist Degree in Modern and Contemporary History from Lomonosov Moscow State University, with a special focus on Northern Europe.

Apostolos Tsiouvalas is a Research Associate at The Arctic Institute. He is the editor-in-chief of the Institute's weekly publication, *The Arctic This Week*. Apostolos works as a Research Fellow and PhD candidate at the Norwegian Center for the Law of the Sea (NCLOS) of the University of Tromsø. Apostolos holds an LL.M. degree in Polar Law from the University of Akureyri in Iceland, an MPhil degree in the field of Philosophy in Indigenous Studies from the University of Tromsø, and a BA degree in Law from the Aristotle University of Thessaloniki.

Elise Nyborg is a Research Assistant at The Arctic Institute. She is the editor of the Institute's weekly news analysis publication, *The Arctic This Week's Take Five*, having previously worked as one of its lead writers. Elise holds a BA in Geography and an MPhil in Polar Studies from the University of Cambridge.

Yu Cao is a Research Intern for The Arctic Institute. She is a contributing writer to the Institute's weekly publication in app form, *The Arctic This Week App*. She is currently a PhD candidate at Northern Arizona University, majoring in Political Science and studying multinational extractive industries' Corporate Social Responsibility initiatives. Yu holds a Bachelor's degree in Law and Legal Studies from Shanghai International Studies University, and a Master's degree in Arctic and Northern Studies from the University of Alaska Fairbanks.

Anna Soer is a Research Intern at The Arctic Institute. She contributes to the Institute's weekly news analysis publication, *The Arctic This Week's Take Five*. She holds a Bachelor in English Literature and History obtained at the Université Bordeaux Montaigne in France, as well as a MSc in Human Geography – specialization in Conflict, Territories and Identities – obtained at Radboud University in the Netherlands. She is currently a PhD candidate in Political Science at the University of Ottawa.