

Chad Michael Briggs
RIT-Kosovo, Shpëtim Robaj
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EDUCATION

Ph.D. Carleton University, Ottawa, Canada Sept 2001

Political Science with concentration on environmental geography

Dissertation: "Damming Science: Problems of Scientific Research in Environmental Administration"

- Pre-doctoral Geography Fellow at University College London, UK
- Full scholarship student, International Scholarship
- Course lecturer and research leader, Internet Research unit

M.A. (First Class Honours) University of Limerick, Ireland Sept 1996

International Relations, thesis focus on US foreign policy & environmental security

- Graduated top of class
- Seminar course leader, European history

B.A. University of Wisconsin-Madison Dec 1994

International Relations and Political Science (Russian & East European concentration)

- Graduated early, with honors, Phi Beta Kappa, 3.94 overall GPA
- Studied for 12 months at Eötvös Loránd University; Budapest, Hungary
- Significant coursework in earth and environmental sciences

Rotary Scholar, Møglestu Videregående skole; Lillesand, Norway. 1989-90

PROFESSIONAL EXPERIENCE

RIT-Kosovo (AUK), Prishtina, Kosovo 2015-present

Public Policy & International Relations Professor

- Chair of the faculty senate (2018-present), senate member (2016-2017)
- Research and teaching on post-conflict reconstruction and information/hybrid warfare

Global Interconnections (GlobalInt) LLC, Washington, DC 2010-present

Principal Consultant

- Liaison with international organizations and scientific communities on environmental security.
- Development of strategic foresight capabilities for planning and investment.

Johns Hopkins University, Global Security Graduate Program, Washington, DC 2013-present

Lecturer (Energy and Environmental Security)

General Dynamics Information Technology (GDIT), Maclean, VA 2010-2012

Senior Consultant

- Minerva subcontract to provide US DOD with energy & environmental security risk assessments.

US Air Force, Maxwell AFB, AL 2010-2012

Minerva Chair of Energy & Environmental Security

- Minerva Defense Fellow, Professor of Energy & Environmental Security at Air War College.
- Led USAF environmental security research and outreach, including with allied services and US combatant commands, and energy/environment security planning for Asia-Pacific region.
- Developed disaster response and early warning capabilities for DOD, DHS/FEMA, and allies.
- Fostered foresight and risk scenario development for NATO (HQ/ACT/SHAPE).
- Integrated operational and strategic planning into professional military education.

U.S. Dept of Energy , Washington, DC Senior Advisor , International Security Affairs	2008-2010
<ul style="list-style-type: none"> • Special Advisor for Climate Change and Strategic Assessment • Team leader for Abrupt Climate Change and Security project, led an international research team to translate scientific data into policy-relevant risk frameworks • Advised Deputy Director of Intelligence on strategic foresight and scenario planning, was in the core team setting up an architecture for long-range environmental and energy foresight • International liaison for environmental security research, worked to set up an international network of energy and environmental experts • Briefed senior US, European and Australian officials on climate change security risks, including DOD, NATO, OSCE, EU, ONA, EEA and other national governments 	
Institute for Environmental Security , Brussels, Belgium Senior Fellow	2007-present
<ul style="list-style-type: none"> • Directed research on post-conflict reconstruction in Balkans • Presented research on environmental health and migration to OSCE, NATO • Specialized in applying field epidemiological methods to environmental security 	
Lehigh University , Bethlehem, PA Assistant Professor , International Relations & Environmental Risk	2006-2010
<ul style="list-style-type: none"> • Published research on environmental security, public health, risk administration • Taught courses in environmental risk assessment, global security, science policy 	
Corvinus University , Budapest, Hungary Fulbright Professor	2005-2006
<ul style="list-style-type: none"> • Taught environmental risk & national security at the Economics University 	
California State University Fullerton , Fullerton, CA Assistant Professor , Political Science	2002-2006
<ul style="list-style-type: none"> • Published research on perchlorate risks in water • Taught national security, US policy, and environmental regulation 	
Wisconsin State Government , Madison, WI Budget and Policy Director , TEACH Wisconsin	2001-2002
<ul style="list-style-type: none"> • Directed \$130 million information technology budget • Deputy for agency operations, acting director in 2002 	
Hungarian Alliance of Free Democrats (SZDSZ) , Budapest, Hungary Foreign Campaign Advisor	1993-1994
Wisconsin State Senate , Madison, WI Legislative Aide , Sen. Michael Ellis	1992/93, 1995

SELECT RECENT PRESENTATIONS

“Scenario Planning for Senior Policymakers” invited presentation to the *Planetary Security Conference*, The Hague, Netherlands, 11 December 2017.

“Climate Security Assessment and Response” seminar presented for the Geneva Center for Security Policy (GCSP), Geneva, Switzerland, 15 October 2017.

“Vulnerability, Security, and Hybrid Warfare” presentation for the Jean Monnet seminar on peace and security,

Odessa, Ukraine, 16 September 2017.

“Anticipating Abrupt Climate Change and Security Risks” presentation for the Oxford University Deserts Conference, Oxford, UK, 9 June 2017.

“Simulating Hybrid Warfare in Ukraine” wargame simulation for Ukrainian Defense Forces, Kyiv, Ukraine, 8 April 2017.

“Foresight Tools for Complex Security Risks” invited presentation to the *Planetary Security conference*, The Hague, Netherlands, 6 December 2017.

“Unconventional Warfare Strategies and Counter-Strategies” presentation at the Jean-Monnet EU training workshop, Odessa, University, Ukraine, 17 Sept 2016.

“Russian Hybrid Warfare in the Arctic” presentation with Miriam Matejova, *International Studies Association Europe conference*, Ljubljana, Slovenia, 24 June 2016.

“Complex and Hybrid Warfare Strategies” presentation at the Jean-Monnet EU training workshop, Kyiv, Ukraine, 1 April 2016.

“Scenario Planning for Climate Security Futures” invited presentation to the *Planetary Security conference*, The Hague, Netherlands, 3 November 2015.

“Challenges to Post-conflict Intervention and Development” invited lecture to the Gates Foundation, Cambridge University, 17 April 2015.

"Asia-Pacific Security Strategies: the Pentagon's Human Security Approach to Planning" invited lecture to the Liu Institute, University of British Columbia, Vancouver, Canada, 4 December 2014.

"Making Our Own Fate: Climate Security in Canada" keynote presentation to the Trudeau Foundation Annual Conference, Toronto, Canada, 20 November 2014.

"All the Trouble in the World: Translating Complex Coastal Risks for Security Planning" invited lecture and workshop to Virginia Tech University, Blacksburg, VA, 17 November 2014

“Complex Disaster Planning for Nato Partner Countries” invited lecture and wargame the NATO-ASI *Enhancing Strategic Analytical Capabilities in NATO Partner Countries*, Kyiv, Ukraine, 16-18 May 2014.

SELECTED PUBLICATIONS (* peer reviewed)

In progress:

T. Briggs and C. Briggs ‘Failure of energy policies in Kosovo’, chapter completed for edited book on ‘Organized Anarchy in Balkan Policymaking’ (Baskin ed.)

C. Briggs, Y. Danyk and T. Maliarchuk. “Cyber war and hybrid disasters in Ukraine: the case of energy security,” manuscript in progress for *Connections* (series of 3 new articles).

C. Briggs, R. Weiss & M. Matejova. ‘The underrated role of sciences: developing strategic disaster intelligence capabilities,’ manuscript to be submitted to *Intelligence and National Security*.

Monographs:

- C. Briggs and M. Matejova. *Disaster Security: Using Military and Intelligence Tools for Energy & Environmental Risk Assessment*, Cambridge University Press, 2019 (in press).
- C. Briggs and T. Briggs. *Energy and Environmental Security Risks in Asia-Pacific: a 2030 Strategic View for USAF*. Maxwell AFB: USAF 2012 (classified).
- C. Briggs and T. Briggs. *Air University Minerva Initiative 2010-2011, Energy and Environmental Security*. Maxwell AFB: AU Press, 2011.

Journal articles and academic reports:¹

- *Y. Danyk, C. Briggs and T. Maliarchuk. 'Hybrid war: high-tech, information and cyber conflicts.' *Connections: The Quarterly Journal* 16, no. 2, 2017: 5-24.
- S. Fetzek, B. Mourad, C. Briggs and K. Lewis 'Why and how to use foresight tools to manage climate security risks' Planetary Security Initiative Report, Clingendael Institute, April 2017
https://www.planetarysecurityinitiative.org/sites/default/files/2017-04/PB_Why_and_how_to_use_fore_sight_tools.pdf.pagespeed.ce.8LZUyRqu8Y.pdf
- *C. Briggs. 'Climate change, Arctic security, and methane risks', Arctic Institute Report, Washington, DC, 5 Sept 2016, <http://www.thearcticinstitute.org/climate-change-arctic-security-methane-risks/>
- C. Briggs. 'Water scarcity, regional security and comprehensive planning', *Al-Nahrain Journal* (Iraq), 2013.
- *S. O'Lear, C. Briggs, & M. Denning. 'Environmental security, military planning, and civilian research: The case of water', *Environment*, Vol 55, No 5, 2013, pp. 3-12.
- *C. Briggs. 'Climate security, risk assessment, and military planning', *International Affairs* Vol 88 No 5, 2012, pp. 1049-1064.
- *C. Briggs. 'Developing strategic & operational environmental intelligence capabilities', *Intelligence and National Security* Vol 27 No 5, 2012, pp. 652-667.
- *C. Briggs. 'Environmental change, strategic foresight, and impacts on military power', *Parameters*, Vol 40 No 3, 2010, 1-15.
- *C. Briggs, L. Anderson & M. Walji. 'Environmental health risks and vulnerability in post-conflict regions', *Medicine, Conflict & Survival*, Vol 25, No 2, 2009. 122-133.
- *C. Briggs. 'Risk assessment: perchlorate as a national security threat', *IEEE Technology & Society*, Vol 26, No 3, 2008, pp. 19-24.
- *C. Briggs. 'Science and environmental risk: the case of perchlorate in California', *Environmental Politics*, Vol 15, No 3, 2006, pp. 532-549.
- *C. Briggs. 'Science, local knowledge and exclusionary practices: lessons from the Alta Dam case',

¹ From 2009-2016, some 112 reports have also been written for DOD, DOE, DNI and others which were later classified or not made public.

Norwegian Journal of Geography, Vol 60, No 2, 2006 , pp. 149-160.

*C. Briggs. 'Environmental justice, risk, and public health studies in Central Europe', *Hungarian Epidemiology*, Vol 2, No 4, 2005, pp. 283-288.

C. Briggs. 'Risk Management and the conundrum of science-policy relations', *Canadian Public Administration*, Vol 45, No 2, 2002, pp. 258-267.

*C. Briggs. 'Norway Powers Up: Construction of new electrical plants in Norway will violate the country's Kyoto commitments', *Alternatives*, Vol 27, No 2, 2001, pp. 5-6.

*C. Briggs. 'The Emperor's Clothes: International relations theory beyond the Cold War.' *Political and Economic Review*, Spring 1996, pp. 1-13.

Book chapters:

C. Briggs. 'Environmental policy and regulation in Kosovo', in *Principles and Practice of Public Policy in Kosovo* (Baskin & Bislimi eds.), Pristina: USAID, 2019 (in press).

*C. Briggs. "Is solar geoengineering a US national security risk?" in *Geoengineering our Climate?: Ethics, Politics, and Governance* (Blackstock & Low eds.), London: Earthscan, 2018.

*C. Briggs. 'Foresight tools & early warning systems: vulnerability assessments for abrupt and non-linear climate risks' *Epicenters of Climate and Security: The New Geostrategic Landscape of the Anthropocene*. Washington, DC: Center for Climate and Security 2017, https://climateandsecurity.files.wordpress.com/2017/06/14_foresight-tools.pdf

C. Briggs. 'Arctic environmental security and abrupt climate change', in *Environmental Change and Human Security in the Arctic* (Hoogensen and Bazley eds.), London: Earthscan, 2013.

*C. Briggs. 'Risk and scenario planning for climate security', in *Backdraft: Minimizing Conflict in Climate Change Responses*, Dabelko (ed.) Washington DC: Wilson Center 2013, pp. 49-56.

M. Matejova and C. Briggs. 'Like oil and water: European disaster response and energy security in the Arctic,' in *Perspectives on Energy Security for Eastern Europe* Malyarenko (ed.), Kiev: University of Kiev, 2012, pp. 145-166.

C. Briggs. 'Environmental change and water-related health risks: an Arctic security approach', in *Impact of Climate Change on Water and Health* (Grover ed.), Enfield, NH: Science Publishers, 2012, pp 245-258.

*C. Briggs & I. Weissbecker. 'Salting the earth: environmental health challenges in post-conflict reconstruction', in *Assessing and Restoring Natural Resources in Post-Conflict Peacebuilding* (Erika Weinthal , Jessica Troell, and Mikiyasu Nakayama, eds.), London: Earthscan, 2012.

*C. Briggs. 'Abrupt environmental changes: scenario planning for catastrophic security risks', in *The Challenge of Emergency Regulation: Beyond the European Volcanic Ash Crisis* (Alemanno ed.), London: Edward Elgar, 2011., pp. 166-181.

C. Briggs & S. VanDeveer. 'Europe, climate change, and international security: transatlantic and global dimensions', in *Climate Change & Regional Security* (Moran ed.), Washington, DC: Georgetown University Press, 2011, pp. 141-152.

- C. Briggs & I. Weissbecker. 'Climate change and human security,' in *Climate Change and Human Well Being: Global Challenges and Opportunities* (Weissbecker ed.), London: Springer Publishing, 2011.
- C. Briggs & J. Bath. 'Environmental security and neglected tropical diseases in Africa', in *African Environmental and Human Security* (Purkitt ed.), New York: Cambria Press, 2009.
- C. Briggs. 'Post-conflict environmental health risk: the role of risk analysis in foreign policy', in *Energy and Environmental Challenges to Security* (NATO Science Series, Stec & Baraj eds.), London: Springer Publishing, 2009, pp. 57-71.
- C. Briggs. 'Freshwater regulation through two transitions: the case of Hungary', in *Water: Global Common and Global Problems* (Grover ed.), Enfield: Science Publishers, 2006, pp. 221-242.
- C. Briggs. 'Environmental risk and problems of EU administrative governance', in *Proceedings of 2006 International Conference on Public Administration* (Zhu Xiao-ning ed.), Chengdu, China: UESTC Press, 2006, pp. 639-646.
- Significant other reports:
- C. Briggs & T. Briggs. Hawaiian Infrastructure & Disaster Security. USAF Minerva Energy & Environmental Security Series, GlobalInt, November 2013.
- C. Briggs. 'Planning for complex risks: Environmental change, energy security, and the Minerva Initiative', *New Security Beat*, Woodrow Wilson Center, 28 January 2013.
- C. Briggs. *Energy security and environmental risks for Eurasia and the Arctic*. USAF security report for NORTHCOM and EUCOM combatant commanders, August 2011.
- C. Briggs. 'Reading the QDDR: first steps on human security and emerging risks', *New Security Beat*, Woodrow Wilson Center, 7 February 2011.
- A. Maas, C. Briggs, C. Paskal, et al. Climate Security for the OSCE region: a scoping study. Adelphi Research, Berlin & Chatham House, London, 2010.
- J. Gonzalez & C. Briggs. Abrupt climate change and security in Peru. US Department of Energy scenario report, November 2009.
- C. Briggs, B. Felzer & D. Sahagian. Cascading effects and systemic impacts of abrupt climate change: assessing ecological and social tipping points. AGU Chapman Research Abstract, June 2009.
- C. Briggs. *Security Implications of Climate Change and Forced Migration*. OSCE Briefing Paper EEF.IO/10/09, May 2009.
- *C. Briggs. *Environmental Security, Strategic Intelligence and Abrupt Climate Change*. Washington, DC: US Department of Energy, 2009.
- T. Spencer, N. Mabey, C. Briggs, E. Bellucci & G. de Ville. *Climate Change and the Military: the State of the Debate*, The Hague: Institute for Environmental Security, 2009.

SELECTED HONORS and AWARDS

- Johns Hopkins University Innovative Teaching Award, 2017
- Minerva Defense Fellow, Office of the Secretary of Defense, 2010-2012
- Honorary Professor of Geography, Carleton University (2011)
- Fulbright Alumni Award 2010 (Roundtable USA- Germany, Denmark)
- Senior Fellowship, Institute for Environmental Security, 2009
- Fulbright German Studies Seminar 2008 (Germany, Belgium)
- Franz Junior Faculty Fellowship 2007, 2008 (Serbia, Bosnia-Herzegovina)
- Fulbright NATO/EU Studies Seminar, 2006 (Belgium)
- Fulbright Traditional Scholars Award (Lecturing), 2005-2006 (Hungary)
- Professor of the Year, Dept of Political Science, CSUF, 2004
- 'Best of Breed' Award, Centers for Digital Government and Digital Education, 2002
- Research Fellowship, University College London, UK, 1999-2000
- Full scholarship, Carleton University Ph.D. program, 1996-1999
- Phi Beta Kappa, Golden Key National Honors, 1994
- Rotary International Scholar (Norway), 1989-1990