

PROBLEMS IN INTERNATIONAL POLITICS: WATER AND CONFLICT
POLI 7550, Fall 2018
W 1:30 – 4:20 PM, 143 SH

INSTRUCTOR:

F. Wendell Miller Professor Sara Mitchell

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Office Hours: Tuesday, 1:00-3:00pm; Wednesday, 1130am-12:00pm

COURSE DESCRIPTION:

Despite the fact that more than two thirds of our “blue planet” is covered with water, only 2.5% is fresh water. As populations have grown and nations have industrialized, the demand on freshwater has increased at an unsustainable rate. Climate change is projected to aggravate the shortage of freshwater in already water stressed regions. These existing and future shortages have resulted in warnings of increasing potential for conflict over international basins or potential “water wars”. U.S. intelligence agencies have warned of an increased possibility that water will be used as a weapon between or within states or to further terrorist aims in the future. Competition over maritime areas has intensified as well, as global fishing stocks have experienced dramatic losses and as states vie for marine resources in previously uncontested areas, such as the Arctic. This class examines interstate conflict and peaceful conflict management of water resources involving cross-border rivers and maritime areas. Topics include common property resources, piracy, maritime security, peaceful and militarized conflict management of water-based conflicts, environmental/climate changes, natural disasters, and cooperative and institutional strategies to promote interstate cooperation over water issues, such as the United Nations Law of the Sea Convention.

REQUIRED TEXTS (please purchase independently through online book sellers, such as Amazon or Barnes and Noble):

- 1) Klare, Michael T. 2002. *Resource Wars: The New Landscape of Global Conflict*. New York, NY: Henry Holt and Company.
- 2) Klein, Natalie. 2011. *Maritime Security and the Law of the Sea*. Oxford, UK: Oxford University Press.
- 3) Murphy, Martin N. 2010. *Small Boats, Weak States, Dirty Money: Piracy and Maritime Terrorism in the Modern World*. New York, NY: Columbia University Press.
- 4) Ostrom, Elinor. 1990. *Governing the Commons: The Evolution of Institutions for Collective Action*. New York: Cambridge University Press.
- 5) Rothwell, Donald R. and Tim Stephens. 2010. *The International Law of the Sea*. Oxford, UK: Hart Publishing.

COURSE REQUIREMENTS:

Your final grade will be determined based on your performance on class participation (25%), weekly papers (25%), and a research paper (50%). The final grading curve will include +/- grades.

1) Class Participation (25%)

The quality of a graduate level seminar depends to a large extent on the efforts of the students. To help facilitate student participation, I will call on students in each class period to answer specific questions related to the readings. Thus you should come to class each week prepared to discuss the required readings. I expect no absences in the course thus you should discuss any circumstances with me that will preclude you from attending class.

To prepare for class discussions, keep in mind the following points:

- a) What is the research question?
- b) What is the researcher's theoretical argument? What assumptions underlie this theory?
- c) Is the theory interesting? How does the argument fit into the literature? What does it tell us that we don't already know?
- d) Evaluation of the theory:
 - If the theory is tested, what consequences are tested, how are concepts measured, and what methods are used? Do these make sense?
 - Is there any evidence (other than anecdotal) that supports the theory? Is there evidence that falsifies it? What might you expect to see that would make you think the theory might be 'wrong'? Does the author provide you with enough of a structure to say this? In other words, is the theory falsifiable?
 - What does the evidence of specific case studies tell us about the theory?
- e) What conclusions does the researcher draw? Does the researcher fully examine the implications of the theory? What are the most significant research findings?
- f) To what degree do you think the researcher has answered his/her question? Is this a good example of research? Why or why not? What are the possibilities for related research? How can the research be extended or applied elsewhere?
- g) How do the selections we read this week fit together? How do they fit into the course as a whole? Are we seeing progress in this research area?

2) Weekly Papers (25%)

Throughout the semester, you will submit a total of 7 one-page critiques of the weekly readings. You can use single-spacing, one inch margins, and no smaller than 11 point font. If there is a book for the week's readings, your critique should focus on that. If there are several articles and book chapters assigned, pick at least two related readings and discuss those in your critique. You will be allowed to drop your lowest paper grade. Students will sign up for the weeks in which they will write weekly papers at the beginning of the semester.

3) Research Paper (50%)

Choose a research question that falls in the topical areas covered in this class and write a research paper addressing this question. The final product should take the form of a conference paper or journal article. Your paper cannot significantly reproduce any of your previous work in a substantive course. The paper should be about 20-30 pages in length and be written in the

professional style of the American Political Science Association. Your research paper should a) clearly identify your research question, b) review and synthesize the relevant literature, c) develop a theoretical argument and derive testable hypotheses, d) develop a research design to evaluate the hypotheses empirically, and e) present an empirical evaluation of the hypotheses (using either statistical analysis of existing data sets or qualitative analysis of a few cases). You may use whatever methodology you feel is most appropriate to the issue and which you feel qualified to implement. I will not be impressed by incompetent quantitative analysis, nor will I penalize competent historical or case-study approaches.

The paper will be due in several stages:

Wednesday, September 19th, Research Question (5%) (due in class): Submit a one-page typed description of your research question and explain how it fits into the general topical themes for the course. Provide an initial bibliography of at least 15 sources. I recommend searching for publications related to your topic on <http://scholar.google.com> and referring to bibliography entries in the assigned readings.

Friday, October 19th, Research Design (10%) (due by 5:00p.m. in ICON dropbox): Submit five to seven typed pages (with a bibliography) that identify your research question, review the literature relevant to your question, discuss the method of analysis you intend to employ, and describe any data or historical sources you will use to evaluate your hypotheses.

Friday, November 16th, First Draft (25%) (due by 5:00p.m. in ICON dropbox): Submit the initial draft of your paper, with all key parts of the paper included (introduction, theory, research design, analysis, references). Each draft will be read by the instructor and two other students in the class (assigned by the instructor).

Monday, November 26th, Reviews (20%) (due by 5:00p.m. in ICON dropbox): Each student will write a typed review commenting on two other students' papers in the class. The reviewers will be assigned "blindly", so that the authors do not know who reviewed their papers. The reviews should take the form of a journal review, where you make specific recommendations about how to improve the paper. More detailed instructions, along with short publications about reviewing and examples of reviews, will be distributed in class later.

Wednesday, December 12th, Final Draft (40%) (due by 5:00p.m. in ICON dropbox): Submit your final paper along with a memo responding to the reviewers' comments in the previous round. I will take into consideration how well you responded to others' criticisms when assigning a final grade. I will not accept any late papers under any circumstances! The final paper grade is based on the weighted component grades for each portion of the paper (research question, research design, first draft, reviews, and final draft).

CLASS SCHEDULE

Most of the course readings are available electronically through Iowa's library resources. If you are on campus or connected to Iowa's library remotely, you can search for the article using <http://scholar.google.com>. You can also search for the journal in the library's catalog. I will have copies of book chapters and articles not available electronically posted on ICON.

Week #1 (August 22nd): Introduction

Klare, Michael T. 2002. *Resource Wars: The New Landscape of Global Conflict*. New York, NY: Henry Holt and Company. Pages 1-26

Additional Resources:

Choucri, Nazli & Robert C. North (1975) *Nations in Conflict: National Growth and International Violence*. W.H. Freeman & Co.

Week #2 (August 29th): Managing the Commons

Feldman, David Lewis. 2012. *Water*. Cambridge, UK: Polity, Pages 1-45. (ICON)

Hardin, Garrett. 1968. "The Tragedy of the Commons." *Science* 162: 1243-1248.

Ostrom, Elinor. 1990. *Governing the Commons: The Evolution of Institutions for Collective Action*. New York: Cambridge University Press. Chapters 1-3, 5-6

Additional Resources:

Giordano, Mark. 2003. "The Geography of the Commons: The Role of Scale and Space." *Annals of the Association of American Geographers* 93(2): 365-375.

Rothwell, Donald R. and Tim Stephens. 2010. *The International Law of the Sea*. Oxford, UK: Hart Publishing. Chapters 13-15

Wijkman, Magnus. 1982. "Managing the Global Commons." *International Organization* 36(3): 511-536.

Week #3 (September 5th): Resource Wars

Cooley, John K. 1984. "The War over Water." *Foreign Policy* 54 (Spring): 3-26.

Homer-Dixon, Thomas. 1994. "Environmental Scarcity and Violent Conflict: Evidence from Cases." *International Security* 19(1): 5-40.

Wolf, Aaron. 1998. "Conflict and Cooperation along International Waterways." *Water Policy* 1(2): 251-265.

Klare, Michael T. 2002. *Resource Wars: The New Landscape of Global Conflict*. New York, NY: Henry Holt and Company. Chapters 2-7

Tertrais, Bruno. 2011. "The Climate Wars Myth." *The Washington Quarterly* 34(3): 17-29.

Gleick, Peter. 2018. "Water, Conflict, and Peace." *Open Rivers: Rethinking Water, Place & Community*, # 11. <http://editions.lib.umn.edu/openrivers/article/water-conflict-and-peace/>.

Additional Resources:

Reed, David, editor. 2017. *Water, Security and U.S. Foreign Policy*. New York, NY: Routledge.

Wegerich, Kai and Jeroen Warner, editors. 2010. *The Politics of Water: A Survey*. London, UK: Routledge.

Week #4 (September 12th): No Class, Prof. Mitchell traveling to Israel

Week #5 (September 19th): River Conflicts, Part I (Geography & Issue Salience)

Overview

Gleick, Peter H. 1993. "Water and Conflict: Fresh Water Resources and International Security." *International Security* 18(1): 79-112.

- Haftendorn, Helga. 2000. "Water and International Conflict." *Third World Quarterly* 21(1): 51-68.
- Geography (Upstream/Downstream Factors)
- Toset, Hans Petter Wollebaek, Nils Petter Gleditsch, and Håvard Hegre. 2000. "Shared Rivers and Interstate Conflict." *Political Geography* 19: 971-996.
- Gleditsch, Nils Petter, Kathryn Furlong, Håvard Hegre, Bethany Lacina, and Taylor Owen. 2006. "Conflicts over Shared Rivers: Resource Scarcity or Fuzzy Boundaries?" *Political Geography* 25(4): 361-382.
- Brochmann, Marit and Nils Petter Gleditsch. 2012. "Shared Rivers and Conflict: A Reconsideration." *Political Geography* 31(8): 519-527.
- Kuenzer, C., Campbell, I., Roch, M., Leinenkugel, P., Tuan, Q.V., Dech, S., 2013. "Understanding the Impact of Hydropower Developments in the Context of Upstream–Downstream Relations in the Mekong River Basin." *Sustain. Sci.* 8(4): 565–584.
- Issue Salience
- Hensel, Paul R., Sara McLaughlin Mitchell, Thomas E. Sowers II, and Clayton L. Thyne. 2008. "Bones of Contention: Comparing Territorial, Maritime, and River Issues." *Journal of Conflict Resolution* 52(1): 117-143.
- Brochmann, Marit and Paul R. Hensel. 2009. "Peaceful Management of International River Claims." *International Negotiation* 14(2): 391-416.

Additional Resources:

- Hensel, Paul R. 2012. "Territory: Geography, Contentious Issues, and World Politics," pp. 3-26 in John A. Vasquez, *What Do We Know About War?* Lanham, Md.: Rowman and Littlefield.

Week #6 (September 26th): River Conflicts, Part II (Scarcity & Economic Factors)

Economics/Population Growth

- Wolf, Aaron T. 1999. "Criteria for Equitable Allocations: The Heart of International Water Conflict." *Natural Resources Forum* 23: 3-30.
- Lowi, Miriam R. 1993. "Bridging the Divide: Transboundary Resource Disputes and the Case of West Bank Water." *International Security* 18(1): 113-138.

Basin Characteristics/Scarcity

- Giordano, Mark F., Meredith A. Giordano, and Aaron T. Wolf. 2005. "International Resource Conflict and Mitigation." *Journal of Peace Research* 42(1): 47–65.
- Hensel, Paul R. Sara McLaughlin Mitchell, and Thomas E. Sowers II. 2006. "Conflict Management of Riparian Disputes: A Regional Comparison of Dispute Resolution." *Political Geography* 25(4): 383-411.
- Tir, Jaroslav and John T. Ackerman. 2009. "Politics of Formalized River Cooperation." *Journal of Peace Research* 46(5): 623-640.
- Dinar, Shlomi. 2009. "Scarcity and Cooperation along International Rivers." *Global Environmental Politics* 9(1): 109-135.
- Brochmann, Marit. 2012. "Basin Asymmetries and the Risk of Conflict in International River Basins." Chapter 4 in *Bridge Over Troubled Water: Interaction in International River Basins*. Dissertation, University of Oslo (ICON).
- Lee, Sojeong and Sara McLaughlin Mitchell. "Energy Resources and the Risk of Conflict in Shared River Basins." Forthcoming, *Journal of Peace Research*. (ICON)

Additional Resources:

Rogers, Peter. 1993. "The Value of Cooperation in Resolving International River Basin Disputes." *Natural Resources Forum* 17(2): 117-131.

Week #7 (October 3rd): River Conflicts, Part III (Hydro-Hegemony & Institutions I)

Hydro-Hegemony

Zeitoun, Mark and Jeroen Warner. 2006. "Hydro-Hegemony: A Framework for Analysis of Trans-Boundary Water Conflicts." *Water Policy* 8(5): 435-460.

Dinar, Shlomi. 2009. "Power Asymmetry and Negotiations in International River Basins." *International Negotiation* 14: 329-360.

Daoudy, Marwa. 2009. "Asymmetric Power: Negotiating Water in the Euphrates and Tigris." *International Negotiation* 14(2): 361-391.

Swain, Ashok. 1997. "Ethiopia, the Sudan, and Egypt: The Nile River Dispute." *The Journal of Modern African Studies* 35(4): 675-694.

Kibaroglu, Aysegul and I.H. Olcay Unver. 2000. "An Institutional Framework for Facilitating Cooperation in the Euphrates-Tigris River Basin." *International Negotiation* 5: 311-330.

Institutions

Hamner, Jesse H. and Aaron T. Wolf. 1998. "Patterns in International Water Resource Treaties: The Transboundary Freshwater Dispute Database." *Colorado Journal of International Environmental Law and Policy* 9: 157-177.

Espey, Molly and Basman Towfique. 2004. "International Bilateral Water Treaty Formation." *Water Resources Research* 40(5): W05S05, 1-8.

Kempkey, Natalie, Margaret Pinard, Victor Pochat, and Ariel Dinar. 2009. "Negotiations over Water and other Natural Resources in the La Plata River Basin: A Model for Other Transboundary Basins?" *International Negotiation* 14(2): 253-279.

Additional Resources:

Conca, Ken, Fengshi Wu, and Ciqi Mei. 2006. "Global Regime Formation or Complex Institution Building?" *International Studies Quarterly* 50(2): 263-285.

Week #8 (October 10th): River Conflicts, Part IV (Institutions II)

Song, Jennifer and Dale Whittington. 2004. "Why Have Some Countries on International Rivers Been Successful Negotiating Treaties?" *Water Resources Research*, 40(5).

Tir, Jaroslav and Douglas Stinnett. 2011. "The Institutional Design of Riparian Treaties." *Journal of Conflict Resolution*, 55(4): 606-631.

Brochmann, Marit and Paul R. Hensel. 2011. "The Effectiveness of Negotiations over International River Claims." *International Studies Quarterly* 55(3): 859-882.

Zawahri, Neda A. and Sara McLaughlin Mitchell. 2011. "Fragmented Governance of International Rivers: Negotiating Bilateral versus Multilateral Treaties." *International Studies Quarterly* 55(3): 835-858.

Tir, Jaroslav and Douglas M Stinnett. 2012. "Weathering Climate Change: Can Institutions Mitigate International Water Conflict?" *Journal of Peace Research* 49(1): 211-225.

Fishchandler, Itay. 2008. "Ambiguity in Transboundary Environmental Dispute Resolution: The Israeli-Jordanian Water Agreement." *Journal of Peace Research* 45(1): 79-97.

Crow, Ben and Nirvikar Singh. 2000. "Impediments and Innovations in International Rivers: The Waters of South Asia." *World Development* 28(11): 1907-1925.

Gilman, Patrick, Victor Pochat, and Ariel Dinar. 2008. "Whither La Plata? Assessing the State of Transboundary Water Resource Cooperation in the Basin." *Natural Resources Forum* 32: 203-214.

Additional Resources:

Bernauer, Thomas. 2002. "Explaining Success and Failure in International River Management." *Aquatic Sciences* 64(1): 1-19.

Fishchhendler, Itay. 2004. "Legal and Institutional Adaptation to Climate Uncertainty: A Study of International Rivers." *Water Policy* 6: 281-302.

Zawahri, Neda A. 2008. "Designing River Commissions to Implement Treaties and Manage International Rivers." *Water International* 33(4): 464-474.

Zawahri, Neda A. 2009. "Third Party Mediation of International River Disputes: Lessons from the Indus River." *International Negotiation* 14(2): 281-310.

Week #9 (October 17th): Maritime Conflicts, Part I (General Issues, Scarcity, and Oil)

General Issues

Asgeirsdottir, Aslaug. 2007. Oceans of Trouble: Domestic Influence on International Fisheries Cooperation in the North Atlantic and Barents Sea. *Global Environmental Politics* 7(1): 120-144.

Borgerson, Scott G. 2008. "Arctic Meltdown: The Economic and Security Implications of Global Warming." *Foreign Affairs* 87(2): 63-77.

Srinivasan, U. Thara, Reg Watson, and U. Rashid Sumaila. 2012. "Global Fisheries Losses at the Exclusive Economic Zone Level, 1950 to Present." *Marine Policy* 36: 544-549.

Resource Scarcity

Nyman, Elizabeth. 2013. "Oceans of Conflict: Determining Potential Areas of Maritime Disputes." *SAIS Review of International Studies Special Issue on Oceans* 32(2): 5-14.

Zhang, Hongzhou. 2012. "China's Evolving Fishing Industry: Implications for Regional and Global Maritime Security." RSIS Working Paper No. 246. Singapore: Nanyang Technological University. (ICON)

Fravel, M. Taylor. 2010. "Explaining Stability in the Senkaku (Diaoyu) Dispute," pp. 144-164 in Gerald Curtis, Ryosei Kokubun and Wang Jisi (eds.), *Getting the Triangle Straight: Managing China-Japan-US Relations*. Washington, DC: The Brookings Institution Press. (ICON)

Oil Resources

Nyman, Elizabeth. 2015. "Offshore Oil Development and Maritime Conflict in the 20th century: A Statistical Analysis of International Trends." *Energy Research and Social Science* 6(1): 1-7.

Buszynski, Leszek. 2012. "The South China Sea: Oil, Maritime Claims, and U.S.-China Strategic Rivalry." *The Washington Quarterly* 35(2): 139-156.

Additional Resources:

Bailey, Jennifer L. 1996. "Hot Fish and Bargaining Chips." *Journal of Peace Research* 33(3): 257-262.

Böhmelt, Tobias, Thomas Bernauer, Halvard Buhaug, Nils Petter Gleditsch, Theresa Tribaldos, and Gerdis Wischnath. 2014. "Demand, Supply, and Restraint: Determinants of Domestic Water Conflict and Cooperation." *Global Environmental Change* 29(Nov.): 337-348.

- DeSombre, Elizabeth R. and J. Samuel Barkin. 2011. *Fish*. Cambridge, UK: Polity. Chapter 2.
- Gallagher, Michael G. 1994. "China's Illusory Threat to the South China Sea." *International Security* 19(1): 169-194.
- Libert, Bo, Erkin Orolbaev, and Yuri Steklov. 2008. "Water and Energy Crisis in Central Asia." *China and Eurasia Forum Quarterly* 6(3): 9-20.
- Odell, Peter. 1997. "The Exploitation of Off-Shore Mineral Resources." *GeoJournal* 42(1): 17-26.
- Teece, David R. 1997. "Global Overfishing and the Spanish-Canadian Turbot War: Can International Law Protect the High-Seas Environment?" *Colorado Journal of International Environmental Law & Policy* 8: 89-126.
- Wiegand, Krista E. 2009. "China's Strategy in the Senkaku/Diaoyu Islands Dispute: Issue Linkage and Coercive Diplomacy." *Asian Security* 5(2): 170-193.

Week #10 (October 24th): Maritime Conflicts, Part II (UNCLOS & Arctic Issues)

UNCLOS & Maritime Conflict Management

- Rothwell, Donald R. and Tim Stephens. 2010. *The International Law of the Sea*. Oxford, UK: Hart Publishing. Chapters 1, 3-5, 10, 12, 16, 18
- Nemeth, Stephen C., Sara McLaughlin Mitchell, Elizabeth A. Nyman, and Paul R. Hensel. 2014. "Ruling the Sea: Managing Maritime Conflicts through UNCLOS and Exclusive Economic Zones." *International Interactions* 40(5): 711-736.
- Schofield, Clive. 2009. "The Trouble with Islands: The Definition and Role of Islands and Rocks in Maritime Boundary Delimitation." Pages 19-37 in Seung-Yong Hong and Jon M. Van Dyke (eds.), *Maritime Boundary Disputes, Settlement Processes, and the Law of the Sea*. (On ICON)

Arctic Issues

- Klare, Michael T. 2012. *The Race for What's Left: The Global Scramble for the World's Last Resources*. New York: Picador. Chapter 3, Pages 70-99. (ICON)
- Zysk, Katarzyna and David Titley. 2015. "Signals, Noise, and Swans in Today's Arctic." *SAIS Review of International Affairs* 35(1): 169-181.
- Byers, Michael. 2013. *International Law and the Arctic*. Cambridge, UK: Cambridge University Press. Chapter 5, Pages 128-170. (ICON)

Additional Resources:

- Asgeirsdottir, Aslaug and Martin C. Steinwand. 2018. "Distributive Outcomes in Contested Maritime Areas: The Role of Inside Options in Settling Competing Claims." *Journal of Conflict Resolution* 62(6): 1284-1313.
- Caminos, Hugo. 2006. "The International Tribunal for the Law of the Sea: An Overview of its Jurisdictional Procedure." *Law & Practice of International Courts & Tribunals* 5: 13-27.
- Charney, Jonathan I. 1994. "Central East Asian Maritime Boundaries and the Law of the Sea." *American Journal of International Law* 89(4): 724-749.
- Hong, Nong. 2012. *UNCLOS and Ocean Dispute Settlement: Law and Politics in the South China Sea*. London: Routledge.

Week #11 (October 31st): Maritime Conflicts, Part III (Maritime Security & Piracy)

Maritime Security

Klein, Natalie. 2011. *Maritime Security and the Law of the Sea*. Oxford, UK: Oxford University Press. Chapters 1-4

Piracy & Maritime Terrorism

Murphy, Martin N. 2010. *Small Boats, Weak States, Dirty Money: Piracy and Maritime Terrorism in the Modern World*. New York, NY: Columbia University Press. Ch. 1-3, 5
Daxecker, Ursula and Brandon Prins. 2013. "Insurgents of the Sea: Institutional and Economic Opportunities for Maritime Piracy." *Journal of Conflict Resolution* 57(6): 940-965.

Additional Resources:

Daxecker, Ursula and Brandon Prins. 2015. "Enforcing Order: Territorial Reach and Maritime Piracy." *Conflict Management and Peace Science* 34(4): 359-379.
Fravel, M. Taylor. 2011. "China's Strategy in the South China Sea." *Contemporary Southeast Asia: A Journal of International and Strategic Affairs* 33(3): 292-319.
Hastings, Justin V. 2009. "Geographies of State Failure and Sophistication in Maritime Piracy Hijackings." *Political Geography* 28: 214-223.

Week #12 (November 7th): Climate Change and Conflict

Nordas, Ragnhild and Nils Petter Gleditsch. 2007. "Climate Change and Conflict." *Political Geography* 26: 627-638.

Reuveny, Rafael. 2007. "Climate Change-Induced Migration and Violent Conflict." *Political Geography* 26: 656-673.

Raleigh, Clionadh and Hendrik Urdal. 2007. "Climate Change, Environmental Degradation and Armed Conflict." *Political Geography* 26: 674-694.

Hendrix, Cullen S. and Sarah M. Glaser. 2007. "Trends and Triggers: Climate, Climate Change and Civil Conflict in Sub-Saharan Africa." *Political Geography* 26: 695-715.

Burke M.B., E. Miguel, S. Satyanath, J.A. Dykema, and D.B. Lobell. 2009. "Warming Increases the Risk of Civil War in Africa." *Proceedings of the National Academy of Sciences in the United States of America* 106: 20670-20674.

Buhaug, Halvard. 2010. "Climate Not to Blame for African Civil Wars." *Proceedings of the National Academy of Sciences in the United States of America* 107(88): 16477-16482.

Hendrix, Cullen S. and Idean Salehyan. 2012. "Climate Change, Rainfall, and Social Conflict in Africa." *Journal of Peace Research* 49(1): 35-50.

Beck, Andrea. 2014. "Drought, Dams, and Survival: Linking Water to Conflict and Cooperation in Syria's Civil War." *International Affairs Forum* 5:11-22.

Jones, Benjamin T., Eleonora Mattiacci, and Bear F. Braumoeller. 2017. "Food Scarcity and State Vulnerability: Unpacking the Link between Climate Variability and Unrest." *Journal of Peace Research* 54(3): 335-350.

Additional Resources:

Barnett, Jon and W. Neil Adger. 2007. "Climate Change, Human Security, and Violent Conflict." *Political Geography* 26: 639-655.

Bernauer, Thomas & Tobias Siegfried. 2012. "Climate Change and International Water Conflict in Central Asia." *Journal of Peace Research* 49(1): 227-239.

- De Châtel, Francesca. 2014. "The Role of Drought and Climate Change in the Syrian Uprising: Untangling the Triggers of the Revolution." *Middle Eastern Studies* 50 (4): 521–35.
- De Stefano, Lucia, James Duncan, Shlomi Dinar, Kerstin Stahl, Kenneth M Strzepek and Aaron T. Wolf. 2012. "Climate Change and the Institutional Resilience of International River Basins." *Journal of Peace Research* 49(1): 193-209.
- Devlin, Colleen and Cullen S. Hendrix. 2014. "Trends and Triggers Redux: Climate Change, Rainfall, and Interstate Conflict." *Political Geography* 43(1): 27-39.
- Koubi, Vally, Tobias Böhmelt, Gabriele Spilker, and Lena Schaffer. 2018. "The Determinants of Environmental Migrants' Conflict Perception." *International Organization*, 1–32.
- O'Loughlin, John, Witmer, Frank D.W., Linke, Andrew M., Laing, Arlene, Gettelman, Andrew, and Dudhia, Jimmy. 2012. "Climate Variability and Conflict Risk in East Africa, 1990–2009." *Proceedings of the National Academy of Sciences* 109(45): 18344–18349.
- Theisen, Ole Magnus, Nils Petter Gleditsch, and Halvard Buhaug. 2013. "Is Climate Change a Driver of Armed Conflict?" *Climatic Change* 117 (3): 613–25.
- Theisen, Ole Magnus, Helge Holtermann and Halvard Buhaug. 2011–12. "Climate Wars? Assessing the Claim that Drought Breeds Conflict." *International Security* 36(3): 79–106.

Week #13 (November 14th): Environmental Resources and Conflict, Part I

- le Billon, Philippe. 2001. "The Political Ecology of War: Natural Resources and Armed Conflicts." *Political Geography* 20: 561-584.
- de Soysa, Indra. 2002. "Ecoviolence: Shrinking Pie or Honey Pot?" *Global Environmental Politics* 2(3): 1-34.
- Humphreys, Macartan. 2005. "Natural Resources, Conflict, and Conflict Resolution: Uncovering the Mechanisms." *Journal of Conflict Resolution* 49(4):508–537.
- Ross, Michael. 2004. "What Do We Know About Natural Resources and Civil War?" *Journal of Peace Research* 41(3): 337-356.
- Kahl, Colin H. 1998. "Population Growth, Environmental Degradation, and State-Sponsored Violence: The Case of Kenya, 1991-93." *International Security* 23(2): 80-119.
- Stalley, Paul. 2003. "Environmental Scarcity and International Conflict." *Conflict Management and Peace Science* 20(1): 33-58.
- Gleditsch, Nils Petter. 1998. "Armed Conflict and the Environment: A Critique of the Literature." *Journal of Peace Research* 35(3): 381-400.

Additional Resources:

- Krampe, Florian. 2017. "Water for Peace? Post-Conflict Water Resource Management in Kosovo." *Conflict and Cooperation* 52(2): 147-165.
- Lonergan, Steve. 1997. "Water Resources and Conflict: Examples from the Middle East," in *Conflict and the Environment*, edited by Nils Petter Gleditsch. Dordrecht: Kluwer.

Week #14 (November 21st): NO CLASS, THANKSGIVING BREAK

Week #15 (November 28th): Environmental Resources and Conflict, Part II

- de Soysa, Indra, and Eric Neumayer. 2007. "Resource Wealth and the Risk of Civil War Onset: Results from a New Dataset of Natural Resource Rents, 1970–1999." *Conflict Management and Peace Science* 24(3):201–218.

- Theisen, Ole Magnus. 2008. "Blood and Soil? Resource Scarcity and Internal Armed Conflict Revisited." *Journal of Peace Research* 45(6): 801-818.
- Lujala, Päivi. 2009. "Deadly Combat over Natural Resources: Gems, Petroleum, Drugs, and the Severity of Armed Civil Conflict." *Journal of Conflict Resolution* 53(1): 50-71.
- Colgan, Jeff D. 2010. "Oil and Revolutionary Governments: Fuel for International Conflict." *International Organization* 64: 661-694.
- Lujala, Päivi. 2010. "The Spoils of Nature: Armed Civil Conflict and Rebel Access to Natural Resources." *Journal of Peace Research* 48(1): 15-28.
- Hendrix, Cullen S. and Sarah M. Glaser. 2011. "Civil Conflict and World Fisheries, 1952–2004." *Journal of Peace Research* 48(4): 481-495.
- Mitchell, Sara McLaughlin and Cameron G. Thies. 2012. "Resource Curse in Reverse: How Civil Wars Influence Natural Resource Production." *International Interactions* 38(2): 218-242.
- Hendrix, Cullen S. 2017. "Oil Prices and Interstate Conflict." *Conflict Management and Peace Science* 34(6): 575-596.

Additional Resources:

- Dreher, Axel and Merle Kreibbaum. 2016. "Weapons of Choice: The Effect of Natural Resources on Terror and Insurgencies." *Journal of Peace Research* 53(4): 539–553.
- Fjelde, Hanne. 2009. "Buying Peace? Oil Wealth, Corruption, and Civil War, 1985–99." *Journal of Peace Research* 46(2):199–218.
- Haber, Stephen, and Victor Menaldo. 2011. "Do Natural Resources Fuel Authoritarianism? A Reappraisal of the Resource Curse." *American Political Science Review* 105(1):1–26.,
- Lujala, Päivi. 2010. "The Spoils of Nature: Armed Civil Conflict and Rebel Access to Natural Resources." *Journal of Peace Research* 47(1):15–28.

Week #16 (December 5th): Natural Disasters and Conflict

- Brancati, Dawn. 2007. "Political Aftershocks: The Impact of Earthquakes on Intrastate Conflict." *Journal of Conflict Resolution* 51(5): 715–743.
- Nel, Philip and Marjolein Righarts. 2008. "Natural Disasters and the Risk of Violent Civil Conflict." *International Studies Quarterly* 52(1): 159–185.
- Omelicheva, Mariya Y. 2011. "Natural Disasters: Triggers of Political Instability?" *International Interactions* 37(4): 441-465.
- Slettebak, Rune T. 2012. "Don't Blame the Weather! Climate-related Natural Disasters and Civil Conflict." *Journal of Peace Research* 49(1): 163-176.
- Bergholt, Drago and Päivi Lujala. 2012. "Climate-Related Natural Disasters, Economic Growth, and Armed Civil Conflict." *Journal of Peace Research* 49(1): 147-162.
- Wood, Reed M., and Thorin M. Wright. 2016. "Responding to Catastrophe: Repression Dynamics Following Rapid-Onset Natural Disasters." *Journal of Conflict Resolution* 60 (8): 1446–72.
- Walch, Colin. 2018. "Weakened by the Storm: Rebel Group Recruitment in the Wake of Natural Disasters in the Philippines." *Journal of Peace Research* 55(3): 336-350.

Additional Resources:

- Drury, A. Cooper & Richard Stuart Olson. 1998. "Disaster and Political Unrest: An Empirical Investigation." *Journal of Contingencies and Crisis Management* 6(3):153–161.

College of Liberal Arts and Sciences (CLAS)
Information and Policies for Undergraduates

Administrative Home

The College of Liberal Arts and Sciences (CLAS) is the administrative home of this course and governs its add/drop deadlines, the second-grade-only option, and other policies. These policies vary by college (<https://clas.uiowa.edu/students/handbook>).

Electronic Communication

Students are responsible for official correspondences sent to their UI email address (uiowa.edu) and must use this address for all communication within UI (Operations Manual, III.15.2).

Accommodations for Disabilities

UI is committed to an educational experience that is accessible to all students. A student may request academic accommodations for a disability (such as mental health, attention, learning, vision, and physical or health-related condition) by registering with Student Disability Services (SDS). The student should then discuss accommodations with the course instructor (<https://sds.studentlife.uiowa.edu/>).

Nondiscrimination in the Classroom

UI is committed to making the classroom a respectful and inclusive space for all people irrespective of their gender, sexual, racial, religious, or other identities. Toward this goal, students are invited to optionally share their preferred names and pronouns with their instructors and classmates. The University of Iowa prohibits discrimination and harassment against individuals on the basis of race, class, gender, sexual orientation, national origin, and other identity categories set forth in the University's Human Rights policy. For more information, contact the Office of Equal Opportunity and Diversity (<https://diversity.uiowa.edu>).

Academic Integrity

All undergraduates enrolled in courses offered by CLAS have, in essence, agreed to the College's Code of Academic Honesty. Misconduct is reported to the College, resulting in suspension or other sanctions communicated to the student through the UI email address (<https://clas.uiowa.edu/students/handbook/academic-fraud-honor-code>).

CLAS Final Examination Policies

The final exam schedule for each semester is announced around the fifth week of classes; students are responsible for knowing the date, time, and place of a final exam. Students should not make travel plans until knowing this final exam information. No exams of any kind are allowed the week before finals (<https://clas.uiowa.edu/faculty/teaching-policies-resources-examination-policies>).

Making a Complaint

Students with a complaint should first visit with the instructor or course supervisor and then with the departmental executive officer (DEO), also known as the Chair (Wenfang Tang, 335-2358). Students may then bring the concern to CLAS (<https://clas.uiowa.edu/students/handbook/student-rights-responsibilities>).

Understanding Sexual Harassment

Sexual harassment subverts the mission of the University and threatens the well-being of students, faculty, and staff. All members of the UI community must uphold the UI mission and contribute to a safe environment that enhances learning. Incidents of sexual harassment must be reported immediately. For assistance, definitions, and the full University policy (<https://osmrc.uiowa.edu/>).