

**SCOTT M. MOORE**  
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## SUMMARY

- Policy-oriented scholar passionate about sustainable development, seeking to contribute to policymaking; recognized for leadership and devotion to international public service.
- Extensive regional expertise in China, Middle East, South Asia; technical expertise in political economy of water resources, natural resource conflict and sub-national governance; thorough grounding in international affairs.
- Research-level facility with Mandarin Chinese; technical skills in remote sensing, GIS; background in quantitative analysis; extensive experience in interview-based research in developing countries.

## EDUCATION

### UNIVERSITY OF OXFORD

Oxford, United Kingdom

#### **Doctor of Philosophy in Politics, 2013**

- Research focused on water resource conflict and disputes at the sub-national level; included extensive archival and interview-based fieldwork in China.
- Dissertation: Dilemmas of Regional Governance: Sub-National Territorial Politics and River Basin Management in the United States, France, China, and India.
- Awards: Queen Elizabeth Scholarship, 2012.

### UNIVERSITY OF OXFORD

Oxford, United Kingdom

#### **Master of Science, *with distinction*, in Environmental Change and Management, 2010**

- Research focused on water resource politics and policy in Middle East, including extensive coursework in water resource management and use of Geographic Information Systems.
- Thesis: Charting the Subterranean Sea: The Promise of Groundwater Storage Change Assessment from Satellite Observations and the Persistent Challenges of Water Management in Yemen.

### PRINCETON UNIVERSITY

Princeton, NJ

#### **Bachelor of Arts, *summa cum laude*, 2008**

- Concentration: Woodrow Wilson School of Public and International Affairs.
- Certificates: Environmental Studies; Chinese Language and Culture.
- Senior thesis research, for which travel grant awarded, examined social and civic impact of military conscription and national service in USA, Europe, Israel, and Singapore.
- Awards: Departmental Highest Honors, 2008; Goldman Sachs Global Leaders Award, 2006.

### LI PO CHUN UNITED WORLD COLLEGE

Hong Kong

#### **International Baccalaureate Diploma, 2004**

- Received Davis Scholarship to represent the United States as one of six Americans in a student body of 250, with the objective of developing friendship and understanding among young people from different countries and backgrounds.

## MAJOR HONORS AND AWARDS

- International Affairs Fellowship, Council on Foreign Relations** 2014
- Awarded for leadership and contributions to international affairs.
- Giorgio Ruffolo Post-Doctoral Research Fellowship, Harvard University** 2013
- Interdisciplinary joint appointment, Belfer Center for Science and International Affairs and Sustainability Science Program, Center for Business and Government.
- Rhodes Scholar** 2009
- Read for MSc and DPhil at Merton College, Oxford.
- Fulbright Fellow, China - Ecology and Environmental Studies** 2008
- Conducted research at Peking University's Environmental Economics and Policy Research Group; published peer-reviewed articles and analysis of China's energy and climate policy.
- Harry S. Truman Scholar** 2007
- Awarded national scholarship for leadership potential and commitment to public service.

## EXPERIENCE

**HARVARD UNIVERSITY KENNEDY SCHOOL OF GOVERNMENT** Cambridge, MA  
**Belfer Center for Science and International Affairs and Sustainability Science Program**

Giorgio Ruffolo Research Fellow, September 2012 - present

- Conducting research on environmental policy and politics, with a special emphasis on energy and water scarcity and water resource politics in China. Ongoing work includes scholarship on China's South-North Water Transfer project and analysis of government decision-making and allocation under conditions of resource scarcity.
- Briefing academic and non-academic audiences on research findings. Published policy analysis in *International Herald Tribune*, *Los Angeles Times*, *Foreign Affairs*, and others.
- Advised major think tank and Fortune 500 agri-business firm on water scarcity in Asia.
- Helped organize academic conferences on information and communications technologies to support sustainable development and policy responses to drought.

**BROOKINGS INSTITUTION**

Washington, DC; Beijing, China

**John L. Thornton China Center**

Ford Foundation Visiting Researcher, January - August 2012

- Conducted independent fieldwork in China to analyze Yellow River management and governance, including through Chinese-language interviews with local government officials and archival research.
- Analyzed local and regional water resource conflicts. Published findings include Brookings policy brief on water resource issues in China, and peer-reviewed journal article on hydropolitics in China, forthcoming in *China Quarterly*.

**OFFICE OF THE DIRECTOR OF NATIONAL INTELLIGENCE**  
**National Security Analysis and Intelligence Summer Seminar**

Washington, DC

Participant, Summer 2011

- Selected to attend classified ODNI program that provides graduate students exposure to Intelligence Community decision-makers and provided hands-on experience and training with intelligence experts. Received security clearance to participate.

**NASA JET PROPULSION LABORATORY**  
**Water and Carbon Cycles Group**

Pasadena, CA

Researcher, Summer 2010

- Hand-picked to conduct independent research on groundwater depletion in Yemen, using data from NASA's Gravity Recovery and Climate Experiment (GRACE) mission.
- Findings published in peer-reviewed journal article describing how satellite data can be used to effectively address groundwater depletion in areas featuring complex hydrogeology.

**U.S. EMBASSY BEIJING**  
**U.S. Department of Energy China Office**

Beijing, China

Intern, Summer 2009

- Conducted research on China's sustainable buildings sector and opportunities for U.S. export development. Liaised with Chinese government partner agencies to support inter-governmental cooperation on clean energy.

**CENTER FOR NONPROLIFERATION STUDIES**  
**East Asia Nonproliferation Program**

Monterey, CA

Davis Fellow, Summer 2006

- Completed and published research on Chinese nuclear modernization and the geopolitics of Central Asia, which resulted in a peer-reviewed journal publication ("Peril and Promise").

**NATIONAL SCIENCE FOUNDATION**  
**Research Experience for Undergraduates Program, Central Washington University**

Ellensburg, WA; Shaanxi, China

Participant, Summer 2005

- Interviewed peasant farmers in northwest China about soil erosion and land use change.

## **PUBLICATIONS**

### **Peer-Reviewed Journal Articles**

"Modernization, Authoritarianism, and the Environment: the Politics of China's South-North Water Transfer Project," *Environmental Politics* 23 (6), November 2014 [Forthcoming]

"Hydropolitics in China: the Pursuit of Localized Preferences in a Centralized System," *The China Quarterly* 218, September 2014, 1-21.

"Challenges and Opportunities in GRACE [Gravity Recovery and Climate Experiment]-Based Groundwater Storage Assessment and Management: an Example from Yemen," *Water Resources Management*, 26 (6): 2012, 1425-1453. (co-authored with Joshua B. Fisher)

"Parchedness, Politics, and Power: the State Hydraulic in Yemen," *Journal of Political Ecology*, 18: 2011, 38-50.

"Strategic Imperative? Reading China's Climate Policy in Terms of Core Interests," *Global Change, Peace, and Security*, 22 (4): 2011, 147-157.

“Shifting Power in Central-Local Environmental Governance in China: the Regional Supervision Centers,” *China Environment Series*, 11: 2010/2011, 188-200.

“Climate Change, Water, and China’s National Interest,” *China Security*, 5 (3): 2009, 25-39.

“Peril and Promise: A Survey of India’s Strategic Relationship with Central Asia,” *Central Asian Survey*, 26 (2): 2007, 179-191.

### **Opinion-Editorials and Media Commentary**

“Pollution Without Revolution: Why China’s environmental crisis won’t bring down the regime,” *Foreign Affairs*, June 11, 2014.

“The United States of China,” *The International New York Times*, March 11, 2014.

“China Must Strengthen its Institutions Before Unleashing Market Forces,” *South China Morning Post*, November 19, 2013.

“California’s Sub-National Diplomacy: the Right Approach,” *The Diplomat*, October 11, 2013.

“Cooperation, Not Litigation, Best for Managing Water Resources,” *Orlando Sentinel*, September 30, 2013.

“Good Service,” *Foreign Affairs*, 92 (3): May/June 2013.

“Calming the West’s Water Wars,” *Los Angeles Times*, May 3, 2013.

“China’s Massive Water Problem,” *International Herald Tribune*, March 28, 2013.

“China Needs More People Power to Control Pollution,” *World Politics Review*, March 20, 2013.

“Global Insider: China may move toward water-sharing agreements,” *World Politics Review* [Interview], February 27, 2013.

“What’s the most critical and under-appreciated issue in international security? World peace,” *Global Post*, February 20, 2013.

“The people are Beijing’s ally in fight for cleaner air,” *South China Morning Post*, January 23, 2013, A15.

“A coalition of the willing,” *China Dialogue*, June 1, 2010. (co-authored with Thomas Hale)

“A tough climate change policy would benefit China,” *China Daily*, April 13, 2009, 3. (co-authored with Julian Wong)

“Obama’s New Era of Service,” *Politico*, July 23, 2008.

### **Policy Papers, Reports, and Memoranda**

“Why China Needs New Institutions to Cope With Looming Water Scarcity,” *Scholars Strategy Network Key Findings*, Scholars Strategy Network, March 2014.

“The Politics of Thirst: Managing Water Resources under Scarcity in the Yellow River Basin, People’s Republic of China,” *Science, Technology, and Public Policy Program Discussion Paper 2013-08*, Belfer Center for Science and International Affairs and Sustainability Science Program, Harvard University, February 2014.

“The Role of Information and Communications Technology (ICT) in Helping Decision-Makers Meet Food, Energy and Water (FEW) Needs,” *Sustainability Science Program Working Paper 2013-02*, Harvard Kennedy School, November 2013. (co-authored with Sharmila Murthy, Laura Pereira, Alicia Harley, Daniel Shemie, Eunjee Lee, Patricia Guardabassi, and Chao Zhang)

“Water Resource Issues, Policy, and Politics in China,” *Brookings Issue Brief*, John L Thornton China Center, Brookings Institution, January 2013.

“Are we destined to fight over scarce water resources?,” *International Security Network*, Special Feature (Water Security), October 2012.

“The Role of GRACE (Gravity Recovery And Climate Experiment)-Derived Data in Groundwater Resource Management,” *Global Water Forum*, Discussion Paper 1231, August 2012.

“Beyond a Global Deal: A UN+ Approach to Climate Governance.” Berlin: Global Public Policy Institute, 2011. (co-authored with Bruce Au, Bjorn Conrad, Liangchun Deng, Thomas Hale, Tobias Liepprand, Andre Lieber, and Jin Wang)

“A Multidimensional Approach for a Planet in Peril,” *The Atlantic Community*, January 27, 2009.

“Nuclear Conflict in the 21<sup>st</sup> Century: Reviewing the Chinese Nuclear Threat,” Analysis Article, *Nuclear Threat Initiative*, October 18, 2006.

## **Reviews and Other Writing**

“Tales from Italy’s Land of Fire,” *The Oxonian Review* 11(4): March 1, 2010. Review of Alwyn Scarth’s *Vesuvius: a Biography*.

“The 606 Bus to Trenton,” in Policy Research Institute for the Region (Ed.), *Ebbing Borders, Flowing Lives: Articulating Reality in a Northeastern Megalopolis*. Princeton, NJ: Woodrow Wilson School for Public and International Affairs, 2006.

## **POLICY ENGAGEMENT ACTIVITIES**

### **Atlantic Council, Emerging Leaders in Environmental and Energy Policy Network (2013 - Present)**

- Selected to join a global network of experts that are focused on developing policy solutions and promoting related best practices to help solve pressing environmental and energy issues.

### **American University, Bridging the Gap Project - New Era Foreign Policy Conference (March 2012)**

- Chosen to participate in policy-oriented workshop that focused on connecting academics and policy-makers based on interests in natural resource conflict and a commitment to producing policy-relevant scholarly research.

**Ditchley Foundation Conference Participant, November 2010; April 2012**

- Selected to represent the Rhodes Scholar community in high-level international dialogues on “Multiculturalism and Religion in Foreign Policy” (2012) and “The Global Implications of the Rise of Asia” (2010), in both cases being the sole Scholar invited to participate.

**Global Public Policy Institute (Berlin), Global Governance 2020 Fellow (2009-2010)**

- Selected to serve on working group of academics and professionals from the U.S., China, and Europe tasked with developing solutions to global governance challenges associated with climate change.
- Contributed to workshops in Berlin, Shanghai, and Washington, DC, and co-authored report on harmonizing sub-national initiatives to combat climate change in the absence of an overarching multi-lateral treaty.

**German Foreign Office, Task Force on Green Recovery (2009)**

- Served as a member of a task force charged with developing recommendations to enhance the contribution of sustainable energy industries to European economic recovery following the 2007-2008 recession.

**Pacific Forum - Center for Strategic and International Studies, Young Leaders Program (2009 – Present)**

- Selected to attend US-China-Japan tri-lateral security dialogue and workshop on EU-China relations.

**PRESENTED PAPERS, BRIEFINGS, AND INVITED TALKS (SELECTED)**

“Learning from Chinese experience with the development of water trading,” Dynamics of Transformational Environmental Policy Reform, Harvard University, March 28, 2014.

“Federalism and Water Resource Management in India: a Comparative Perspective,” Centre for Multilevel Federalism and Institute for Social Science, New Delhi, December 17, 2013.

“Water Resource Politics and Policy in China,” Water: the Growing Global Thirst, Patterson School of Diplomacy and International Commerce, University of Kentucky, October 17-19, 2013.

“Sub-National Geopolitics: Explaining the incidence and persistence of intra-national natural resource disputes in fragmented political systems,” Annual Meeting: Power and Persuasion, American Political Science Association, August 31, 2013.

“Hydropolitics and Central-Local Relations in China: the Pursuit of Localized Interests in a Centralized System,” Challenges of Water Sustainability in Ethnographic and Historical Perspective, Center for Middle East Studies, Harvard University, April 26-28, 2013.

“Decision-Making Under Scarcity: Navigating the Water-Energy Nexus in the Yellow River Basin,” Energy Technology Innovation Policy / Consortium for Energy Policy Research Seminar, Harvard Kennedy School, April 1, 2013.

“The Spatial Life of States: Territorial Politics and Trans-boundary Externalities in Watershed Governance,” Annual Meeting: Representation and Renewal, American Political Science Association, August 30-September 1, 2012.

“The Shriveling State: Climate Change, Scarcity, and the Prospect of State Failure in Yemen,” Gulf Research Meeting, Gulf Research Center, University of Cambridge, July 6-9, 2011.

“Beyond a Global Deal? A UN+ Approach to Climate Governance,” Special Ralph Miliband Debate and Report Launch, London School of Economics and Political Science, May 25, 2011.

“Local and Regional Environmental Enforcement in China: Progress and Prospects,” Environment, Economy, and Society in China, Professional Association for China’s Environment, Kunming, China, July 12-15, 2009.

“Climate Change, Water, and China’s National Security,” China and Global Climate Change, Center for Asian Pacific Studies, Lingnan University, Hong Kong, June 17-19, 2009.

## **ADDITIONAL QUALIFICATIONS AND EXPERIENCE**

### **Professional Service**

- Reviewer, European Journal of Mineralogy.
- Reviewer, International Journal of Peace and Development Studies.
- Fellowships adviser and non-resident tutor, Harvard University, Eliot House, 2012 - present.
- Lecturer, University of Oxford, “Federalism and the Territorial Dimension of Government and Politics” module for Politics, Philosophy, and Economics (PPE) and History and Politics courses, 2011.
- Member, American Political Science Association, 2011 - present.

### **Other Awards**

- Blakemore Freeman Fellowship, 2013 (Declined)  
Awarded for future promise in enhancing American scholarship on Asia.
- APSA Annual Meeting travel grant, 2013  
Awarded to junior scholars for research that promises to advance the discipline of political science.
- St. Gallen Wings of Excellence Award, 2011  
Awarded at the 41st St. Gallen Symposium, St. Gallen, Switzerland, based on leadership and potential to contribute to positive change in the world at large.
- *The Atlantic Community* Outstanding Environmental Article Award, 2009  
Awarded for article on environmental governance presented to World Economic Forum.

### **Relevant Skills and Languages**

- Mandarin Chinese: Research-level proficiency in written and spoken form.

- Geographic Information Systems Software Familiarity: ESRI ArcMap.
- Remote Sensing Applications Experience: IDRISI Andes; Gravity Recovery and Climate Experiment (GRACE); Tropical Rainfall Measuring Mission (TRMM); Global Land Data Assimilation System (GLDAS).

### **International Travel and Special Experiences**

- Thailand: Middle school independent study, Bangkok, January – May 1998
- Japan: High school exchange, Inuyama, Aichi, June – August 2001
- Finland: Finland - U.S. Senate Youth Exchange, Hammenlinna, June – August 2002
- United States: U.S. Senate Page, Washington, DC, September 2001 – January 2002
- Indonesia: U.S. Youth Delegate, Conference of the Parties to the U.N. Framework Convention on Climate Change, Bali, December 2007
- Other international travel: Philippines, Cambodia, Indonesia, Nepal, India, Kenya, South Africa, Brazil, Bosnia-Herzegovina, Croatia, United Arab Emirates, Israel.