

BRETT (JORDAN) WATSON

Institute of Social and Economic Research
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Education

Ph.D. in Mineral and Energy Economics

Dissertation Title: *Three Essays in Resource Economics and Availability*.
Colorado School of Mines, Golden, CO. May 2017

M.S. in Mineral and Energy Economics

Colorado School of Mines, Golden, CO. May 2014

BBA in Economics-Summa cum laude

Texas State University, Honors College, San Marcos, TX. May 2012

Research Work Experience

Post-Doctoral Research Professional, June 2017-Present

Institute of Social and Economic Research, University of Alaska Anchorage

Research Associate, May 2017-June 2017

Colorado School of Mines, Projects funded by:

Resources for the Future, Critical Materials Institute

Graduate Research Assistant, Jan 2013-May 2017

Colorado School of Mines, Projects funded by:

Resources for the Future, Critical Materials Institute, and Idaho National Laboratory

Research Interests

Resource Economics, Applied Microeconomics, Environmental Economics

Publications

Economics Literature on Joint Production of Minerals: A Survey. *Resources Policy*, 2017

Companions and Competitors: Joint Metal-Supply Relationships in Gold, Silver, Copper, Lead and Zinc Mines. *Resources and Energy Economics* 49, 2017, pp. 233-250

Thorium: Crustal Abundance, Joint Production, and Economic Availability, *Resources Policy* 44, 2015, pp. 81-93. (with RG Eggert, BW Dixon, and BW Carlsen)

Working Papers and Ongoing Research

Universal Cash and Crime. (with M Guettabi and M Reimer). Accepted, *Review of Economics and Statistics*.

Coal Demand, Market Forces, and US Coal Mine Closures. (with J Linn, IA Lange). Under Review.

Commercial Fishing and Local Economic Multipliers: Evidence from Alaska. (with M Reimer and M Guettabi)

Unconditional Cash and Childhood Obesity. (with M Reimer and M Guettabi). Under Review.

The Long Run Effects of Oil Discoveries and the Role of Amenity Value. (with A James, B Smith, and K Berry)

Can We Dig It? An Empirical Study of Environmental Attitudes and Social License to Operate in Mineral Extraction.

Mineral and Material Criticality Assessment for Clean Energy Technology. (with RG Eggert, M Brown, S Lee, T Muto, and B Smith)

What can earth abundance really tell us about material prices and availability? Combining physical and economic perspectives. (with RG Eggert)

Teaching Experience

Advanced Econometrics Software Lab

Applied Econometric and GIS Methods in R and Stata.

Colorado School of Mines, Fall 2015

Econometrics Software Lab

Applied Econometric Methods in Stata.

Colorado School of Mines, Spring 2015, 2016

Funding

"The Welfare Implications of an Unconditional and Universal Cash Transfer: Evidence from Alaska." The Economic Security Project. (University of Alaska Anchorage), \$75,000. 2018-2019.

Presentations

- 2018 CU Annual Environmental and Resource Economics Workshop, Vail, CO, Sep; International Institute of Fisheries Economics & Trade Conference, Seattle, WA, Jul; Colorado School of Mines, Seminar, Golden, CO, Jan
- 2017 Institute of Social and Economic Research, Seminar, Anchorage, AK, Oct; Resource for the Future, Seminar, Washington DC, Apr; Colorado School of Mines, Department Seminar, Golden, CO, Mar; Critical Materials Institute, Winter Meeting, Golden, CO, Feb;
- 2016 University of Colorado, Annual Environmental and Resource Economics Workshop, Vail, Co, Sep; North Carolina State University, Camp Resources, Wilmington, NC, Aug; Association of Environmental and Resource Economists (AERE), Summer Conference, Breckenridge, CO, June; National Renewable Energy Laboratory, Front-range Energy Camp, Golden, CO, May; Critical Materials Institute, Winter Meeting, Golden, CO, Feb
- 2015 Colorado School of Mines, Department Seminar, Golden, CO, Dec; University of Colorado, Front-range Energy Camp, Boulder, CO, May; Colorado School of Mines, Department Seminar, Golden, CO, April
- 2014 Texas State University, Department of Finance and Economics Faculty Seminar Series, San Marcos, TX, Aug; Society of Mining Engineers Critical Minerals Conference, Denver, CO, Aug; CEER Conference on Earth and Energy Research, Golden, CO, Mar
- 2013 International Atomic Energy Association's Technical Meeting on Thorium resources and provinces, Vienna, Austria, Sep

Awards and Honors

William Jesse Coulter Award in Mineral and Energy Economics, 2017

Outstanding Undergraduate in Economics, 2012

Beta Gamma Sigma Honors Society, 2011

Celia A. Morgan Economics Scholarship, 2011

Paul R. Gowens Economics Scholarship, 2011

Other Activities

Referee: Resources Policy, J of the Association of Env and Res Economists (JAERE)

Conference abstract reviewer for: Western Agricultural Economics Association 2018

Affiliations: Association of Environmental and Resource Economists (AERE). American Economics Association (AEA). International Institute of Fisheries Economics & Trade (IIFET).

Contributor: Freedom in the 50 States, 2013 Edition: An Index of Personal and Economic Freedom. Ruger, William, and Jason Sorens. The Mercatus Center at George Mason University, 2013.

Computer Software

R, Stata, Latex, GAMS/MPSGE, ArcGIS/ArcMap, working knowledge of HTML/CSS, Matlab, Eviews.