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EMPLOYMENT

- 07/2014-present Research Economist, Research Department, Federal Reserve Bank of Dallas.
- 10/2008-07/2014 Research Assistant (Post-Doctoral Level since 08/2013) at the Chair of Professor Dr. Juergen von Hagen, University of Bonn, Germany.
- 03/2010-04/2010 Consultant, Organization for Economic Cooperation and Development, Steel Committee, Paris, France.
- 08/2008-12/2008 Visiting Research Associate, German Development Institute, Department on “World Economy and Development Financing”, Bonn, Germany.
- 02/2008-07/2008 Research Associate, Division for Mineral Economics, Federal Institute for Geosciences and Natural Resources, Hanover, Germany.
- 11/2007-02/2008 Visiting Research Associate, Wuppertal Institute for Climate, Environment and Energy, Wuppertal, Germany.
- 09/2005-12/2005 Research Assistant for Professor Jeffrey Sachs, Global Roundtable on Climate Change, Earth Institute, Columbia University, New York.

EDUCATION

- 10/2008-07/2013 University of Bonn, Ph.D. (*Dr.rer.pol.*) in Economics (received: 07/2013)
Dissertation Title: “*What Drives Mineral Commodity Markets in the Long Run?*”
Committee: Juergen von Hagen, Martin Hellwig, Joerg Breitung
- 09/2003-07/2007 Sciences Po Paris & Free University Berlin, German French Dual Degree Program
M.A. Economics (*Master recherche, gouvernance économique*), Sciences Po Paris (01/2006)
Diploma, Political Science (*Diplôme de Sciences Po*), Sciences Po Paris (01/2006)
Diploma, Political Science (*Diplom Politologe*), Free University Berlin (07/2007)
- 03/2005-12/2005 Columbia University New York, Non-Degree Student & Visiting Scholar, Studies in Economics
- 04/2002-09/2003 Free University of Berlin, Studies in Political Science
Intermediate degree in Political Science (*Vordiplom*) (07/2003)
- 09/2002-05/2003 Institute d’Etudes Politiques Lyon, Exchange Student, Studies in Political Science & Economics
- 10/2000-03/2002 University of Bonn, Studies in Political Science, Economics, Law, and Medical Studies

RESEARCH AND TEACHING INTERESTS

Natural Resource Economics, Energy and Mineral Commodity Markets, Time Series Econometrics, Growth, Macroeconomics.

PUBLISHED AND FORTHCOMING JOURNAL ARTICLES

“*150 years of Boom and Bust - What Drives Mineral Commodity Prices,*” forthcoming: Macroeconomic Dynamics.

WORKING PAPERS

“Non-Renewable Resources, Extraction Technology, and Endogenous Growth,” (with G. Schwerhoff, PIK Potsdam)

“Industrialization and the Demand for Mineral Commodities.” Revise and Resubmit at the Journal of International Money and Finance.

“What drives commodity price booms and busts?” (with David Jacks, Simon Fraser University)

WORK IN PROGRESS

“Collusion in Commodity Markets: A Long-Run Perspective” (with Gordon Rausser, UC Berkeley)

“What explains the intensity of metal use in the long run?” (with Martin Wagner and Peter Grabarczyk, U Dortmund)

PRESENTATIONS AT CONFERENCES

- 2017 American Economic Association Annual Meeting, Chicago, IL.
- 2016 NBER Summer Institute, Boston, MA.
Econometrics Society North American Summer Meeting, Philadelphia, PA.
Federal Reserve Board, Oil Roundtable, Washington, D.C.
American Association of Environmental and Resource Economists, Summer Meeting, Breckenridge, CO.
Workshop on “Commodity Cycles and Their Implications,” organized by the Bank of Canada and International Energy Forum, Bank of Canada, Ottawa, Canada.
- 2015 American Economic Association, Annual Meeting, Boston, MA.
Workshop on “Empirical Macroeconomics,” Norges Bank & Centre for Applied Macro- and Petroleum Economics at BI Norwegian School of Business, Oslo, Norway.
Society for Nonlinear Dynamics and Econometrics, Annual Symposium, Oslo, Norway.
Canadian Economic Association, Annual Meeting, Toronto, Canada.
U.S. Association for Energy Economics North American Conference, Pittsburgh, PA.
Southern Economic Association Annual Meeting, New Orleans.
- 2014 American Economic Association Annual Meeting, Philadelphia.
World Congress of Environmental and Resource Economists, Istanbul.
- 2013 Spanish Economic Association, Santander.
Conference on Mineral Resources, Federal Agency for Mineral Resources, Hanover.
European Economic Association, Annual Meeting, Gothenburg.
European Association of Environmental and Resource, Annual Meeting, Toulouse.
- 2012 European Economic Association, Annual Meeting, Malaga.
Verein für Socialpolitik, Annual Meeting, Goettingen.
Conference “The Green Growth Challenge”, Centre for European Economic Research, Mannheim.
- 2011 European Historical Economics Society Conference, Dublin.
Economic History Association, Annual Meeting, Boston.
Center f. European Integration Studies, Summer School on Heterog. in Macroecon. Bad Honnef.

PRESENTATIONS AT ACADEMIC & POLICY INSTITUTIONS

- 2015 University of Chicago, European Central Bank, University of Cologne, Federal Reserve Bank of Dallas.
- 2014 Oxford University, UC Louvain, Federal Reserve Board, Federal Reserve Bank of Dallas, German Institute for Economic Research Berlin.
- 2013 University of California at Berkeley, University of California at Davis, University of Illinois at Urbana-Champaign, Michigan State University, International Monetary Fund, University of Cologne, Hamburg Institute of International Economics.

- 2012 European Central Bank, Centre for European Economic Research Mannheim, German Federal Agency for Mineral Resources.
- 2011 German Development Institute, Federal Institute for Geosciences and Natural Resources (Federal Ministry of Economics and Technology).
- 2010 Organization for Economic Cooperation and Development, European Commission, Federal Institute for Geosciences and Natural Resources.
- 2009 Federal Ministry for Economic Cooperation and Development, Federal Institute for Geosciences and Natural Resources.

PROFESSIONAL ACTIVITIES

- Session Organizer:* 2014 American Economic Association Annual Meeting, “*Explaining Commodity Price Fluctuations.*”
2015 Southern Economic Association Annual Meeting, “*Oil and the Economy.*”
Panel (Chair) on “*Strategies for a New Industrial Age: Substitution, Recycling and a Circular Economy,*” at the Conference on “*Securing Critical Resources in a New Green and Industrial Era,*” Shorenstein Asia-Pacific Center at Stanford University and Sasakawa USA, Stanford, CA, Nov 2016.
- Conference Co-Organizer:* Workshop on “*Commodity Super Cycles,*” jointly organized by the Dallas Fed and the Central Bank of Canada, 2015.
Conference on “*Oil and the Economy: Adapting to a New Reality,*” jointly organized by the Dallas Fed and the Kansas Fed, Nov 2016.
“*Federal Reserve System Energy Meeting,*” Houston, Nov 2016.
- Discussant:* 2014 Federal Reserve System Regional Meeting;
Annual Conference of the Canadian Economics Association 2015;
Annual Meeting of the Southern Economic Association 2015;
Association for Comparative Economic Studies/ ASSA Annual Meeting, 2015;
U.S. Association for Energy Economics/ ASSA Annual Meeting, 2015;
NBER Meeting on Economics of Commodity Markets, 2016;
Federal Reserve System Energy Meeting, 2016.

REFEREEING

Journal of Political Economy, Journal of Money, Credit and Banking; Energy Journal (4); Economics Letters; Quarterly Review of Economics and Statistics, Environment and Planning C; Oxford Bulletin of Economics and Statistics.

TEACHING EXPERIENCE

- Spring 2014 Growth and Natural Resources. Honors Seminar, University of Bonn.
- Fall 2013 Growth and Natural Resources. Undergraduate Seminar, University of Bonn.
- Spring 2013 Growth and Natural Resources. Honors Seminar, University of Bonn.

FELLOWSHIPS, SCHOLARSHIPS AND GRANTS

- 2010-2014 Affiliated Fellow, German Development Institute.
- 2010, 2012 Research Grants. German Development Institute.
- 2003 - 2007 Scholarship. German French University.
- 2003 - 2007 Scholarship. Heinrich Boell Foundation.

SELECTED POLICY PAPERS

“*Oil Roller Coaster: Prices Rise on Production Outages, Fall with Brexit,*” (with Navi Dhalival) Quarterly Energy Update, no. 2, 2016.

“*OPEC Likely to Keep Pumping Even as Some Members Confront Budget Woes,*” (with Navi Dhalival)

Southwest Economy, no. 4, 2015.

"*Oil Markets Stabilizing, but OPEC Supply Raises Concerns*," Quarterly Energy Update, no. 2, 2015.

"*OPEC Tips Crude Oil Markets Over the Cliff*," (with Navi Dhalival) Quarterly Energy Update, no. 4, 2015.

"*The Impact of the BRIC Countries on Mineral Commodity Markets*," (in German) with Juergen von Hagen, DERA Rohstoffinformationen, No. 11, German Federal Mineral Resource Agency, Berlin, 2012.

"*Policy Measures of the BRIC Countries to Secure the Supply of Mineral Resources. The Example of Copper*," (in German) with Juergen von Hagen, DERA Rohstoffinformationen, No. 12, German Federal Mineral Resource Agency, Berlin, 2012.

"An Overview of Geological Resources in Sub-Saharan Africa: Potential and Opportunities for Tax Revenue from the Extractive Sector," with Peter Buchholz, in: Runge, J. and Shikwati, J. (Eds.): *Geological Resources and Good Governance in Sub-Saharan Africa: Holistic Approaches to Transparency and Sustainable Development in the Extractive Sector*. Routledge Chapman & Hall, London, 2011.

"*Export Barriers in Steelmaking Raw Material Markets*," background paper prepared for the OECD Steel Committee Meeting, Paris, May 6th-7th, 2010.

"*Let the Good Times Roll? Raising Tax Revenues from the Extractive Sector in Sub-Saharan Africa During the Commodity Price Boom*," Discussion Paper, no. 7, German Development Institute, 2010.

"The International Raw Materials Boom. A Challenge for Multilateral Trade Policy." International Politics and Society, no. 2, 2008, pp. 126-139.

"*Climate Change Impacts on Business*," with David Downie, background paper prepared for the Global Roundtable on Climate Change, Nov 14-15, Columbia University, New York City.

"Grameen Shakti: An Alternative Approach to Financing Energy in Rural Bangladesh," in: Finger, M., von Weizsaecker, E.U., and Young, O. (Eds.): *Limits to Privatization. When a Solution Becomes a Problem*. Earthscan, London, 2005.

PRESS COVERAGE

Financial Times, Bloomberg, Dallas Morning News, Houston Chronicle, Energy Intelligence, La Repubblica, Midland Reporter.

LANGUAGES

German (native), English (fluent), French (fluent)

REFERENCES

Professor Dr. Juergen von Hagen
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