

Curriculum vitae of Erik Dietzenbacher

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- Profile

Erik Dietzenbacher obtained his MSc (formerly “doctoraal examen”) in Econometrics (1982) and his PhD in Economics (1991) from the University of Groningen. Currently he is Full Professor of Interindustry Economics at the University of Groningen. He has also been Affiliate Research Professor at the Regional Economics Applications Laboratory (REAL) of the University of Illinois at Urbana-Champaign. He was Honorary Professor at the University of the Chinese Academy of Sciences (UCAS) in Beijing, and Visiting Professor at the University of International Business and Economics (UIBE) in Beijing and at the Edward J. Bloustein School of Planning & Public Policy, Rutgers University, New Brunswick, NJ.

He was the project coordinator of “World Input-Output Database: Construction and Applications” (WIOD), a large-scale collaborative research project that was funded (approximately 4 million euros) by the EU in its 7th Framework Programme, in which 11 international partners participated, and which ran from 2009-2012.

He is former President of the International Input-Output Association (IIOA, 2013-2018), Fellow of the IIOA, Fellow of the Regional Science Association International (RSAI), Honorary President of the Chinese Input-Output Association (CIOA), Honorary Fellow of the Hispanic-American Input-Output Society (SHAIO), and served on the advisory board of the Regional Research Institute (RRI) at West Virginia University in Morgantown.

He has published fifteen books and more than hundred articles in refereed scientific journals and edited volumes. His H-indexes are: 30 (Web of Science) and 48 (Google Scholar). He has been editor of *Economic Systems Research* (1998-2008), is co-editor of *Estudios de Economía Aplicada*, associate editor of the *Journal of Regional Science* and serves on the editorial board of the *Journal of Economic Structures*. Results from a research project in which he participated were mentioned by Jean-Claude Juncker, President of the European Commission, in his State of the Union 2016.

In 2023, he was awarded the distinguished Ricardo Torres Gaitán Chair by the Institute of Economic Research at the National Autonomous University of Mexico for his outstanding service of international importance. For his contributions to society, he was awarded a royal decoration (and appointed as Officer in the Order of Orange-Nassau) in 2021. In addition, he won several other prizes, such as the An Zijie International Trade Research Award (the top Chinese prize in international trade research and recognized by the Ministry of Education) and the Outstanding Researcher Award 2019 (Faculty of Economics and Business).

He has developed and taught 10 courses at various levels (ranging from courses for first-year students to courses at PhD level). He has been active in shaping the Faculty’s Research Master program, e.g. by developing two of its program-wide courses (“Research Methodology” and “Academic Writing”). Related to his research, he has developed tailor-made modular courses on “Topics in Input-Output Analysis”, which were taught all over the world. 15 PhD students have completed their dissertation under his (co-) supervision and 3 are in various stages of progress.

From 2013-16, he chaired the department Global Economics and Management of the Faculty of Economics and Business. He has been Director of the Research Programme Global Economics and Management for many years and is currently Chair of the Board of Examiners of the Faculty of Economics and Business and Chair of the University Committee for Academic Practice.

Background

Educational background

Academic study of econometrics at the University of Groningen,
Institute of Econometrics, Sept. 1976 – Aug. 1982.

- Principal topics: mathematical economics (incl. master thesis), macro economics and statistics.
- Subsidiary topics: econometrics, operations research and mathematics (incl. didactics and a three-month teaching practice at a secondary school).
- Kandidaatsexamen: 30 August 1979 (comparable to BSc).
- Doctoraal examen: 26 August 1982 (comparable to two-year MSc).
MSc thesis supervisor: Dr. A.E. Steenge.

Degrees

- Drs. (doctorandus) received at 26 August 1982.
- Dr. (doctor) received at 24 January 1991. PhD thesis title: “Perturbations and Eigenvectors: Essays”.
Thesis supervisors: Prof. dr. G.F.W.M. Pikkemaat and Prof. dr. A.E. Steenge.

Current position

Full Professor of Interindustry Economics at the Faculty of Economics of the University of Groningen
(since May 2007).

Previous positions

(The affiliation has been the Faculty of Economics at the University of Groningen, unless stated otherwise.)

- Febr 00 – Apr 07: Associate Professor in International Economics and Business.
- May 97 – Jan 00: Associate Professor in Mathematical Economics.
- May 89 – Apr 97: Assistant Professor in Mathematical Economics.
- Jan 86 – Apr 89: Research fellow on my thesis topic entitled “Structural imbalances in economic systems”.
- Sept 84 – Dec 85: Research fellow with the Center for Cyclical and Structural Research at the University of Groningen. Participation in the construction of a large macro-econometric model (CESAM).
- Sept 83 – Aug 84: Research fellow, participation in the research on the Grecon-model.
- Sept 82 – Jul 83: Teacher at the Noordelijk Avondcollege (high school, adult education) in Groningen.
- Sept 82 – Dec 82: Teaching fellow on a temporary basis.

- **Teaching and supervision**

Teaching experience

- developing and lecturing the following courses:
 - the PhD course “Writing a Research Proposal” (for PhD students in Economics and Business)
 - the MSc course “Philosophy of Science and Research Methodology” (for Research Master students)
 - the MSc course “Academic Writing” (for Research Master students)
 - the MSc course “Trade, Environment, and Growth” (for students in International Economics and Business)
 - the BSc course “International Industrial Economics” (for second year students in International Economics and Business)
 - the advanced BSc course “International Macroeconomics” (for third year students in Econometrics)
 - the MSc course “Input-Output Analysis” (for students in Econometrics)
 - the MSc course “Applied General Equilibrium Modeling” (for students in Econometrics)
 - the MSc tutorial “Economic Growth” (for students in Econometrics)
 - the BSc course “Introduction to the Major Subjects of the Econometrics Study” (“Oriëntatie in de Econometrische Hoofdvakken”, covering National Accounting, Mathematical Economics, Operations Research, and Econometrics, for first year students in Econometrics, Mathematics and Computer Science), writing of lecture notes (317 pp.)
- lecturing the following courses:
 - the BSc course “Globalization: MNEs and Institutions” (for third year students Economics and Business Economics)
 - the MSc course “Competitiveness of Firms and Nations” (for students in International Economics and Business)
 - a BSc course in International Economics (for first year students in IE&B)
 - BSc courses in Statistics (for first and second year students in economics and econometrics)
- courses on “Topics in Input-Output Analysis” (at various levels, ranging from undergraduate to PhD students) at:
 - Institute of Economic Research at the National Autonomous University of Mexico (November, 2023)
 - Department of Applied Economics, University of Oviedo (October 2023, May 2007)
 - European Commission, JRC Seville (March 2020)
 - Università di Macerata, Italy (May 2016)
 - Summer school, University of International Business and Economics (UIBE), Beijing (July 2015)
 - Universidad del País Vasco, Bilbao (March 2015)
 - University of the Chinese Academy of Sciences in Beijing (October 2014, June 2007)
 - Summer school, University of Barcelona (July 2014)
 - Fraunhofer Institute, Karlsruhe (February 2014)
 - Higher School of Economics (HSE), Moscow (October 2013)
 - UN Economic Commission for Latin America and the Caribbean (ECLAC), Santiago (May 2013)
 - University of Sao Paulo (August 2012)
 - Economic Planning Unit, Putrajaya, Malaysia (October 2009)
- workshops “Scientific Writing, Research Proposals, and Publishing”:
 - University of the Chinese Academy of Sciences in Beijing (January 2016)
 - University of Seville (October 2015)
 - University of Barcelona (February 2015)
- guest lectures (for students):
 - summer school in ecological economics, University of Oxford (September 2016 and August 2013)
 - International School of Input-Output Analysis, Seoul (2016), Mexico City (June 2015), Langkawi, Malaysia (2022, online)
 - SHAIOS School of Input-Output Analysis, Aveiro, Portugal (September 2022)
 - Universidade Federal de Juiz de Fora, Brazil (May 2014)
 - Edward J. Bloustein School of Planning & Public Policy, Rutgers University, New Brunswick, NJ (October 2020, online)

- postgraduate lectures, University of San Marino (March 2002)
- lectures on the Grecon-model for students in applied mathematics at the University of Twente
- information lectures for prospective students
- visits to secondary schools in Germany to promote FEB and RUG (2009)
- teaching business administration, accounting and mathematics at high school level

Supervision

- (co-)supervision of Ph.D. students in economics:
 - Hylke Dijkstra (starting date September 2023, together with Konstantin Wacker)
 - Lingxiu Zhu (starting date September 2020, together with Cuihong Yang, CAS)
 - Bingqian Yan (starting date September 2015, together with Bart Los)
 - Kailan Tian (“Economic and Environmental Upgrading in an Era of Globalized and Fragmented Value Chains”, thesis defense: 10-02-2022, co-promotor: Richard Jong-A-Pin)
 - Yuwan Duan (“Exports, Income and Regional Inequality in China: Value Chain Analyses”, thesis defense: 14-01-2021, other promotor: B. Los)
 - Timon Bohn (“The Global Trade in Services, Jobs, and Income”, thesis defense: 19-12-2019, other promotor: S. Brakman)
 - Yan XU (“Environmental Degradation and International Trade: Input-Output Analyses”, thesis defense: 05-09-2019, other promotor: B. Los)
 - Johannes Többen (“Effects of Energy- and Climate Policy in Germany – A Multiregional Analysis”, thesis defense: 29-05-2017, other promotor: J. Oosterhaven)
 - Arnold Mulder (“CO2 Emissions Trading in the EU: Models and Policy Applications”, thesis defense: 04-02-2016, other promotors: S. Brakman and C. Japma)
 - Quanrun CHEN (“The Role of Household Consumption in the Chinese Economy: Input-Output Analyses”, thesis defense: 18-09-2015, co-promotor: B. Los)
 - M. Yusof Saari (“Income Distribution across Ethnic Groups in Malaysia: Applying Social Accounting Matrices”, thesis defense: 19-03-2015, co-promotor: B. Los)
 - Le Van HA (“Wage Differentials and Government Corruption – A micro survey data approach”, thesis defense: 16-01-2014, other promotor: J. de Haan)
 - Jiansuo PEI (“Trade, Growth, Regions, and the Environment: Input-Output Analysis of the Chinese Economy”, thesis defense: 10-01-2013, other promotor: J. Oosterhaven)
 - Xuemei JIANG (“Statistical and Economic Applications of Chinese Regional Input-Output Tables”, thesis defense: 30-05-2011, co-promotor: B. Los)
 - Umed Temurshoev (“Interdependencies: Essays on Cross-Shareholdings, Social Networks, and Sectoral Linkages”, thesis defense: 18-03-2010)
 - Arjan Ruijs (“Price Formation on Interrelated, Imperfect Markets for Agricultural Products: The Case of Burkina Faso”, promotor: C. Schweigman, thesis defense: 31-01-2002)
 - Alex R. Hoen (“An Input-Output Analysis of European Integration”, promotor: J. Oosterhaven, thesis defense: 10-02-2000)
 - Jan A. van der Linden (“Interdependence and Specialisation in the European Union”, promotor: J. Oosterhaven, thesis defense: 04-02-1999)
- supervision of a postdoctoral fellow
 - dr. B. Los (“Technology-Driven Growth Models with Explicit Interindustry Linkages”, from April 2000 to March 2004, as part of the NWO subsidized research project [aandachtsgebied] “The Impact of Technology Diffusion and Spillovers on Economic Growth”)
 - dr. B. Los (“Technology, Productivity and Growth in Systems of Interdependent Firms, Sectors and Countries”, April 1998 to March 2000)
- supervision of MSc theses in Mathematical Economics, Macro-economics, Regional Economics, and International Economics & Business, Economic Development & Growth
- supervision of research assistants
- tutor of first and second year students in economics and econometrics

Course evaluations 2013-2021

- one of three nominees for the faculty’s “lecturer of the year award” academic year 2013-14

Course	Course scores			Lecturer scores		
	Score	Average	ABC	Score	Average	ABC
Academic Writing for ReMa (Research Master in Economics and Business)¹						
2023-24	4.5	4.1	A+	4.7	4.3	A+
2022-23	4.7	4.0	A+	4.8	4.3	A+
2021-22	3.1	4.0	B	3.9	4.3	A
2020-21 ⁴	4.1	4.1	A	4.8	4.3	A+
2019-20	4.5	4.0	A+	5.0	4.2	A+
2018-19	4.4	4.0	A	4.9	4.2	A+
2017-18	4.0	4.0	A	4.3	4.2	A
2015-16 ³	4.1	4.0	A	4.7	4.1	A+
2014-15	4.2	3.9	A	4.7	4.1	A+
2013-14	4.2	3.6	A	4.8	3.9	A+
Philosophy of Science and Research Methodology (Research Master in Economics and Business)²						
2023-24	4.5	4.1	A+	4.7	4.3	A+
2022-23	4.4	4.0	A	4.8	4.3	A+
2021-22	4.2	4.0	A	4.8	4.3	A+
2020-21 ⁴	3.8	4.1	A	4.2	4.3	A
2019-20	4.7	4.0	A+	4.8	4.2	A+
2018-19	4.4	4.0	A	4.8	4.2	A+
2017-18	4.0	4.0	A	4.5	4.2	A+
2015-16	4.5	4.0	A+	4.7	4.1	A+
2014-15	4.2	3.9	A	4.7	4.1	A+
2013-14	4.4	3.6	A	4.7	3.9	A+
Trade, Environment, and Growth (MSc International Economics and Business)						
2023-24	4.5	4.1	A+	4.7	4.3	A+
2022-23	4.4	4.0	A	4.8	4.3	A+
2021-22	4.3	4.0	A	4.6	4.3	A+
2020-21 ⁴	4.1	4.1	A	4.3	4.3	A
2019-20	3.9	4.0	A	4.7	4.2	A+
2018-19	4.3	4.0	A	4.7	4.2	A+
2017-18	3.9	4.0	A	4.5	4.2	A+
2015-16	4.3	4.0	A	4.6	4.1	A+
2014-15	4.7	3.9	A+	4.9	4.1	A+
2013-14	3.9	3.6	A	4.2	3.9	A
Globalization: MNEs & Institutions (BSc Economics & Business Economics, profile International Economics and Business)						
2020-21 ⁴	4.4	4.2	A	4.4	4.5	A
2019-20 ⁴	3.4	4.0	B	3.7	4.3	A
Notes. (1) Before 2016 known (in a slightly different format) as Research in Economics and Business IV. (2) I have been responsible for Research Methodology, Philosophy of Science was taught by a colleague. Before 2016 this course was (in a different format) known as Research in Economics and Business II. (3) I taught no courses in 2016-2017, due to health issues. (4) Online course.						

- **Management**

current:

- Chair of the Board of Examiners at the Faculty of Economics and Business (starting in 2021)
- Chair of the University Committee for Academic Practice (UCW, starting in 2023, member since 2020)

in the past:

- Head of the department Global Economics and Management (2013-2016)
- Director of the Research Programme Global Economics and Management
- Chair of the Board of Examiners for the Research Master Programme
- Member of the Board of Examiners of the Faculty of Economics
- Member of the Scientific Committee of the Research School SOM
- Member of the Scientific Committee of the Faculty of Economics
- Member of the Faculty Council
- Member of Curriculum Committees for International Economics and Business
- Member of Committees for Reorientation of the Curriculum in Econometrics
- Secretary of the Board of Examiners of the Department of Econometrics
- Member of the Project Group on “Coaching of Students”
- Member of the Working Committee “Information for Prospective Students”
- Member of the Committee for the Seminar Series Econometrics

various working groups and committees:

- Ad hoc language policy committee at FEB (2018, provide advice to the Faculty Board concerning language policy)
- Working group internationalization (2015, follow up on EQUIS results and recommendations for FEB)
- RUG project Uniformering HR workflows (2014, werkgroep “Werving & Selectie)
- RUG project Uniformering HR workflows (2013, werkgroep “R&O cyclus”)

- **Research**

Research areas

- input-output economics
- climate change
- ecological economics
- regional science

Honorary positions and awards

- Affiliate Research Professor at the Regional Economics Applications Laboratory (REAL) of the University of Illinois at Urbana-Champaign (for the period January 2005-2020)
- Honorary Professor of the School of Management of the University of the Chinese Academy of Science in Beijing (for the period November 2014-2015)
- fellow of the International Input-Output Association (since 2014)
- honorary president of the Chinese Input-Output Association (since 2010)
- honorary fellow of Hispanic-American Input-Output Society (since 2011)
- fellow of the former Network Algemene en Kwantitatieve Economie (NAKE)
- fellow of SOM (research school of Faculty of Economics and Business)
- winner of the T.K. Ann Zijie International Trade Research Award 2014 (“the top Chinese prize in international trade research and recognized by the Ministry of Education”, with C. Yang and J. Pei)
- winner of the Lawrence R. Klein award in 2014 for the best paper published in 2012 or 2013 in *Journal of Economic Structures* (together with U. Temurshoev)
- winner of the Jiří Skolka Medal of Service to the International Input-Output Association (2019)
- winner of the Chen Xikang Prize 2019 for the paper by Duan et al. (2018)
- winner of the Outstanding Researcher Award 2019 (SOM, Faculty of Economics and Business)
- winner of the Sir Richard Stone Prize in 2020 for the best paper published in 2017 and 2018 in *Economic Systems Research* (with Y. Duwan, X. Jiang, X. Chen and C. Yang)
- awardee of a royal decoration (and appointment as Officer in the Order of Orange-Nassau) for contributions to society (2021)
- fellow of the Regional Science Association International (RSAI, since 2023)
- awardee of the distinguished Ricardo Torres Gaitán Chair by the Institute of Economic Research at the National Autonomous University of Mexico (2023).

Funding

- Project coordinator “World Input-Output Database: Construction and Applications”, Funded by the European Commission in its 7th Framework Programme, Grant agreement no.: 225281. Webpage: <http://www.wiod.org>, Period: May 2009 – April 2012. EU contribution: 3,991,449 euros.
- Research project: JRC/SVQ/2018/B.5/0025/OC (European Union Trade in Value Added, Jobs and GHG Emissions, EU-TIVA) for the Joint Research Centre, Seville. Subcontracted by BC3, Basque Centre for Climate Change, Bilbao. Period: 2018-2020. Contribution: 20,250 euros.
- Research project: JRC/SVQ/2017/B.5/0015/NC (Tools and Analyses of Value Chains, Income and Employment, TALES) for the Joint Research Centre, Seville. Subcontracted by BC3, Basque Centre for Climate Change, Bilbao. Period: 2018-2020. Contribution: 13,500 euros.
- Netherlands project leader for CAS-KNAW joint research project “Studies in the Structure of the Chinese Economy”. Period: 2007-2008. Contributions: approximately 30,000 euros in total.

Scientific activities

- president of the International Input-Output Association (2013-2018)

- vice president of the International Input-Output Association (2010-2012)
- advisory board Regional Research Institute, West Virginia University, Morgantown, WV (2010-2023)
- external assessor at Universiti Putra Malaysia (since 2013)
- *Economic Systems Research*, the journal of the International Input-Output Association:
 - editor (1998-2008)
 - co-editor (1996-1998)
 - associate editor (1993-1995)
 - editorial board member (2009-onwards)
- associate editor of the *Journal of Regional Science* (2000-onwards)
- co-editor of *Revista de Estudios de Economía Aplicada* (2003-onwards)
- editorial board member of the *Journal of Economic Structures*
- editor *Developments in Input-Output Analysis* (with Thomas Wiedmann), book series for Springer Verlag
- visiting professor at the University of International Business and Economics (UIBE), Beijing (July 2015)
- visiting professor at the Edward J. Bloustein School of Planning & Public Policy, Rutgers University, New Brunswick, NJ (March 2016)
- chairman of the Scientific Program Committees of
 - the Twelfth International Conference on Input-Output Techniques, New York, 1998
 - the Fourteenth International Conference on Input-Output Techniques, Montreal, 2002
 - the Intermediate Input-Output Meetings on Sustainability, Trade & Productivity, Sendai, Japan, 2006
 - the 17th International Input-Output Conference, Sao Paulo, 2009 (co-chair)
- member of the Scientific Program Committees of the International Conferences on Input-Output Techniques in: Macerata, 2000; Brussels, 2004; Istanbul, 2007; Seville, 2008; Sao Paulo, 2009; Kitakyushu, Japan, 2013; Lisbon, 2014; Mexico City, 2015; Glasgow, 2019; Langkawi, 2022; Alghero, 2023
- co-organization of several sessions at the North American Meetings of the Regional Science Association International in: Buffalo, NY, 1997; Montreal, 1999
- organization (and chairman) of a semi-plenary session at the Eleventh International Conference on Input-Output Techniques, New Delhi, 1995
- organization of the workshop "Structural Change and Long-Term Development: Modelling Perspectives", Groningen, January 11-12, 1996
- Dutch INFORUM-partner, an international program in the field of multisector modeling
- Advisor and member of the data coordination group of EU KLEMS (EU FP6 project)
- Member of the Advisory Board of Carbon-CAP (EU FP7 project)
- referee for:
 - Annals of Operations Research; Annals of Regional Science; Computational Economics; Construction Management and Economics; Contemporary Economic Policy; Ecological Economics; Economic Modelling; Economics Letters; Empirical Economics; Energy Economics; Energy Journal; Environment and Planning A; Environmental and Resource Economics; Environmental Management; Environmental Science & Technology; Estudios de Economía Aplicada; ETRI Journal; European Journal of Operational Research; Growth and Change; International Regional Science Review; Journal of Comparative Economics; Journal of Economic Dynamics and Control; Journal of Industrial Ecology; Journal of Policy Modeling; Journal of Regional Science; Journal of Risk Analysis; Managerial and Decision Economics; Metroeconomica; Nature; Papers in Regional Science; PNAS; Quarterly Journal of Economics; Regional Studies; Review of Economics and Statistics; Review of Income and Wealth; Revista de Economía Mundial; Spatial Economic Analysis; Structural Change and Economic Dynamics; Zeitschrift für Nationalökonomie (Journal of Economics)
- referee for:
 - the US National Science Foundation, the Fund for Scientific Research Flanders;
 - the Government of Ireland
 - the Austrian National Bank
 - the RSAI thesis award
 - Cambridge University Press

- member evaluation committees (for PhD proposals and for VIDI competition) Netherlands Organisation for Scientific Research (NWO)
- tenure/promotion reviews for:
 - Centre for Regional and Tourism Research, Bornholm
 - University of Alberta, Edmonton, Canada
 - Universiti Teknologi MARA, Shah Alam, Malaysia
 - Universiti Putra Malaysia, Putrajaya, Malaysia
 - Rutgers University, New Brunswick, NJ, USA
 - SUNY at Buffalo, USA
 - Yale University, New Haven, CT, USA
- member of Ph.D. thesis defense committees at:
 - University of Naples
 - University of Oviedo
 - University of Barcelona
 - University of Reus
 - University of Zaragoza
 - Università Cattolica in Milano
 - University Autònoma Barcelona
 - University of Illinois at Urbana-Champaign
 - Free University Amsterdam
 - University of Leiden
 - Tilburg University
 - Utrecht University

- **List of publications**

articles in refereed journals (under review)

- Kulionis, V. and *E. Dietzenbacher*. Global carbon footprints: a detailed look at affluence and technology effects (under revision for: *Communications Earth & Environment*).
- Cazcarro, I., A. Usubiaga-Liaño, M.V. Román, P. Piñero, *E. Dietzenbacher*, J.M. Rueda-Cantucho and I. Arto. FIGARO-E3: a high resolution extended multi-regional input-output database consistent with official statistics (submitted for publication).

articles in refereed journals (published and forthcoming)

Citations on October 16, 2023:

Web of Science: total number of citations: 4743, in 2018-2022: 2380, H-index: 30,

Google scholar: total number of citations: 14298, in 2018-2022: 7732, H-index: 48.

1. *Dietzenbacher, E.* and B. Yan (2024). Explaining the direction of emissions embodied in trade from hypotheses based on country rankings, *Energy Economics*, 129, [107188]. (DOI: 10.1016/j.eneco.2023.107188).
2. Yan, B., *E. Dietzenbacher* and B. Los (2024). The global emission mitigation potential of avoiding waste and product lifespan extension by Chinese households, *Heliyon*, 10, e24322. (DOI: 10.1016/j.heliyon.2024.e24322).
3. Zheng, H., Z. Zhang, *E. Dietzenbacher*, Y. Zhou, J. Többen, K. Feng, D. Moran, M. Jiang, Y. Shan, D. Wang, X. Liu, L. Li, D. Zhao, J. Meng, J. Ou and D. Guan (2023). Leveraging opportunity of low carbon transition by super-emitter cities in China, *Science Bulletin*, 68, 2456-2466. (DOI: 10.1016/j.scib.2023.08.016).
4. Duan, Y., *E. Dietzenbacher*, B. Los and R. Dai (2023). Regional inequality in China during its rise as a giant exporter: a value chain analysis, *Journal of Regional Science*, 63,148–172. (DOI: 10.1111/jors.12619).
5. Duan, Y., *E. Dietzenbacher*, B. Los and C. Yang (2023). Processing trade in Chinese interregional input-output tables: construction and application, *Economic Systems Research*, 35, 586-613. (DOI: 10.1080/09535314.2021.2012430).
6. Tian, K., *E. Dietzenbacher* and R.M. Jong-A-Pin (2022). Global value chain participation and its impact on industrial upgrading, *World Economy*, 45, 1362-1385.
7. Jiménez, S., *E. Dietzenbacher*, R. Duarte and J. Sánchez Chóliz (2022). The geographical and sectoral concentration of global supply chains, *Spatial Economic Analysis*, 17, 370-394.
8. Bohn, T., S. Brakman and *E. Dietzenbacher* (2022). Who's afraid of Virginia Wu? US employment footprints and self-sufficiency, *Economic Systems Research*, 34, 469-490. (DOI: 10.1080/09535314.2021.1935219).
9. Zheng, H., J. Többen, *E. Dietzenbacher*, D. Moran, J. Meng, D. Wang and D. Guan (2022). Entropy-based Chinese city-level MRIO table framework, *Economic Systems Research*, 34, 519-544. (DOI: 10.1080/09535314.2021.1932764).
10. Duan, Y., *E. Dietzenbacher*, B. Los and C. Yang. (2021) How much did China's emergence as "The World's Factory" contribute to its national income?, *China Economic Review*, 69, [101658].
11. Bohn, T., S. Brakman and *E. Dietzenbacher* (2021). From exports to value added to income: Accounting for bilateral income transfers, *Journal of International Economics*, 131, [103496].

12. Tian, K., *E. Dietzenbacher*, B. Yan and Y. Duan (2020). Upgrading or downgrading: China's regional carbon emission intensity evolution and its determinants, *Energy Economics*, 91, [104891].
13. Zheng, H., Z. Zhang, W. Wei, M. Song, *E. Dietzenbacher*, X. Wang, J. Meng, Y. Shan, J. Ou and D. Guan (2020) Regional determinants of China's consumption-based emissions in the economic transition, *Environmental Research Letters*, 15(7), [074001].
14. Xu, Y., *E. Dietzenbacher* and B. Los (2020) International trade and air pollution damages in the United States, *Ecological Economics*, 171, [106599].
15. *E. Dietzenbacher*, I. Cazcarro and I. Arto (2020) Towards a more effective climate policy on international trade, *Nature Communications*, 11(1), [1130].
16. *E. Dietzenbacher*, V. Kulionis and F. Capurro (2020) Measuring the effects of energy transition: a structural decomposition analysis of the change in renewable energy use between 2000 and 2014, *Applied Energy*, 258, [114040].
17. Faturay, F., Y.-Y. Sun, *E. Dietzenbacher*, A. Malik, A. Geschke and M. Lenzen (2020) Using virtual laboratories for disaster analysis – A case study of Taiwan, *Economic Systems Research*, 32, 58-83.
18. Tian, K., *E. Dietzenbacher* and R.M. Jong-A-Pin (2019) Measuring industrial upgrading: applying factor analysis in a global value chain framework, *Economic Systems Research*, 31, 642-664.
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20. Xia, Y., D. Guan, A.E. Steenge, *E. Dietzenbacher*, J. Meng and D. Mendoza Tinoco (2019) Assessing the economic impacts of IT service shutdown during the York flood of 2015 in the UK. *Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences*, 475, (2224), [20180871].
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publications on the Grecon-model (all in Dutch)

In the period 1984-1991, twenty collaborative papers have been published on the so-called Grecon-model. This small macro-econometric model was developed for the purpose of making short-term (biannual) forecasts of the major phenomena of the Dutch economy. The papers have been published in *Economisch Statistische Berichten* (a Dutch scientific journal) and as technical reports.

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- Grecon-voorspellingen voor 1985. *Economisch Statistische Berichten*, 13-03-1985, pp. 253-256. (With W. Voorhoeve, G.J. van den Berg, M.A. Kooyman and A.G.M. Steerneman.)
- Grecon 84-D: Septembervoorspellingen 1985. Rapport 84-16-SE, Econometrisch Instituut, Rijksuniversiteit Groningen, 1984. (With G.J. van den Berg, V.J. de Jong, M.A. Kooyman, A.G.M. Steerneman and W. Voorhoeve.)
- Het model Grecon 84-D en de voorspellingen voor 1984. Rapport 84-06-SE, Econometrisch Instituut, Rijksuniversiteit Groningen, 1984. (With V.J. de Jong, M.A. Kooyman, A.G.M. Steerneman and W. Voorhoeve.)
- Grecon-voorspellingen voor 1984. *Economisch Statistische Berichten*, 29-02-1984, pp. 200-205. (With V.J. de Jong, D.T. tempelaar, M.A. Kooyman, A.G.M. Steerneman and W. Voorhoeve.)

book reviews and other publications

- Report on the Montreal conference. *Economic Systems Research*, 15 (2003), 399-414,
- Fischer, M.M. and P. Nijkamp (Eds.), Spatial Dynamics of European Integration. *Journal of Regional Science*, 41 (2001), 788-791.
- Report on the conference in New York. *Economic Systems Research*, 10 (1998), 371-378.
- Barro, R.J. and X. Sala-i-Martin, Economic Growth. *Economic Systems Research*, 9 (1997), 294-297.
- Eskelinen, H. and F. Snickars (Eds.), Competitive European Peripheries. *Journal of Regional Science*, 37 (1997), 163-166.
- Shoven, J.B. and J. Whalley, Applying General Equilibrium. *Economic Systems Research*, 6 (1994), 449-450.
- Sato, R. and R.V. Ramachandran (Eds.), Conservation Laws and Symmetry: Applications to Economics and Finance. *Journal of Economics*, 55 (1992), 310-313.
- Bonanno, N.S., Capital, Accumulation and Economic Growth. In theory and as they relate in the Maltese Paradigm. *Journal of Economics*, 54 (1991), 305-308.

- **Presentations at conferences and meetings, and seminars**

INV = by invitation, KEY = keynote address

- Nov 2023 Workshop CEPAL/ECLAC – IIEc, México City (KEY)
- Nov 2023 Instituto de Investigaciones Económicas, Universidad Nacional Autónoma de México (INV)
- June 2023 29th International Input-Output Conference, Alghero, Italy
- Oct 2022 PBL Netherlands Environmental Assessment Agency, The Hague (INV)
- Sept 2022 Training module ESAIO, Aveiro, Portugal (INV)
- Sept 2022 Ninth SHAI0 conference, Aveiro, Portugal
- Sept 2022 Lecture at inauguration of new rector, University of Bremen (INV)
- Aug 2022 Training module, International School of Input-Output Analysis, Langkawi, Malaysia (online, INV)
- Mar 2022 14th German Input-Output Workshop, University of Osnabrück (online)
- Nov 2021 International Seminar on Economic Theory and Policy, UNAM, Mexico (online, KEY)
- Nov 2021 CBS Wereldcafé (online, INV)
- May 2021 Figaro Launch Event, EU Brussels (online, INV)
- Feb 2020 University of Zaragoza, Spain (INV)
- Nov 2019 Renmin University, Beijing (INV)
- Nov 2019 Central University of Finance and Economics (CUFE), Beijing (INV)
- Nov 2019 Workshop Global Value Chains – Recent Advances, Developments, Impacts, Fraunhofer Institute, Halle, Germany (INV)
- Jul 2019 27th International Input-Output Conference, Glasgow, Scotland
- May 2019 OECD, Paris (INV)
- Mar 2019 Workshop on Input-Output Analysis for Sustainable Development, Bochum, Germany
- Nov 2018 Workshop Construction of Interregional Input-Output Tables, University of International Business and Economics (UIBE), Beijing (INV)
- Jun 2018 26th International Input-Output Conference, Juiz de Fora, Brazil
- Jun 2018 41st IAEE International Conference, Groningen
- Mar 2018 9th German Input-Output Workshop, University of Bremen (KEY)
- Mar 2018 Basque Centre for Climate Change, BC3, Bilbao, Spain (INV)
- Nov 2017 University of International Business and Economics (UIBE), Beijing (INV)
- Sept 2017 Kick-off meeting TALES project, EC JRC, Seville (INV)
- June 2017 25th International Input-Output Conference, Atlantic City, USA
- Sept 2016 Summer school in ecological economics, University of Oxford (INV)
- July 2016 24th International Input-Output Conference, Seoul
- Mar 2016 Workshop on Disaster Risk Analysis, University of East Anglia, Norwich, UK (INV)
- Mar 2016 Edward J. Bloustein School of Planning & Public Policy, Rutgers University, New Brunswick, NJ (INV)
- Feb 2016 the Fourth National Input-Output Conference of Iran, Allameh Tabataba'i University, Tehran (via conference call) (KEY)
- Jan 2016 2016 International Workshop on Input-Output Techniques, Beijing (KEY)
- Nov 2015 Universitat Autònoma de Barcelona (INV)
- Oct 2015 Inaugural lecture master's program, University of Seville (INV)
- June 2015 23rd International Input-Output Conference, Mexico City
- Oct 2014 Kwan Chao-Chih Distinguished Lecture, Institute of Systems Sciences, AMSS, Chinese Academy of Sciences (INV)
- Oct 2014 Carbon-CAP meeting, University of Cambridge, UK (INV)
- July 2014 22nd International Input-Output Conference, Lisbon, Portugal
- June 2014 Carl von Ossietzky Universität, Oldenburg, Germany (INV)
- May 2014 Basque Centre for Climate Change, Bilbao (INV)
- May 2014 Department of Economics, University of Sao Paulo (INV)
- May 2014 First Meeting in Applied Economics, Workshop on Regional and Spatial Economics, Universidade Federal de Juiz de Fora, Brazil (KEY)
- Feb 2014 Fraunhofer Institute, Karlsruhe (INV)

- Feb 2014 75th Kale Memorial Lecture, Gokhale Institute for Politics and Economics, Pune, India (INV)
- Oct 2013 Universitat Autònoma de Barcelona (INV)
- Oct 2013 University of Barcelona (INV)
- Sept 2013 Fifth conference of the Hispanic-American Input-Output Society, Sevilla (INV)
- Aug 2013 Summer school in ecological economics, University of Oxford (INV)
- July 2013 21st International Input-Output Conference, Kitakyushu, Japan
- July 2013 Workshop on Global Value Chains: Quo Vadis?, IDE-JETRO, Tokyo (INV)
- Apr 2013 14th April International Academic Conference on Economic and Social Development, HSE, Moscow (INV)
- Mar 2013 Workshop on Consumption based approaches in climate policy, ZEW, Mannheim (INV)
- Feb 2013 University of Seville, Spain (INV)
- Feb 2013 IPEA/ECLAC Workshop, Brasilia (through video connection) (INV)
- Nov 2012 59th North American Regional Science Association International Conference, Ottawa
- Sept 2012 5th WIFO – Regional Economics Workshop: The Regional Dimension of Transport, Accessibility and Infrastructure, WIFO, Vienna (INV)
- Aug 2012 University of Sao Paulo (INV)
- July 2012 Orkestra, University of Deusto, Bilbao (INV)
- July 2012 20th International Input-Output Conference, Bratislava (KEY)
- Apr 2012 Final WIOD Conference: Causes and Consequences of Globalization, Groningen
- Apr 2012 The official launch of the World Input-Output Database (WIOD), Brussels (KEY)
- Mar 2012 Università Catolica, Milano (INV)
- Jan 2012 Frontiers of input-output analysis, Second meeting Reunion Project, JETRO Headquarters, Tokyo (INV)
- Jan 2012 University of Barcelona (INV)
- Nov 2011 58th North American Regional Science Association International Conference, Miami
- Oct 2011 Academy of Mathematics and Systems Science (AMSS), Chinese Academy of Sciences, Beijing (INV)
- Sept 2011 Fourth conference of the Hispanic-American Input-Output Society, Madrid (KEY)
- June 2011 19th International Input-Output Conference, Alexandria, USA
- May 2011 Second WIOD Consortium Meeting, IPTS, Seville, Spain (INV)
- Mar 2011 First meeting Reunion Project, Reunion Island (INV)
- Feb 2011 Centre for Regional and Tourism Research (CRT), Bornholm, Denmark (INV)
- Feb 2011 Universidad Pablo de Olavide, Seville, Spain (INV)
- Dec 2010 EUKLEMS and Beyond Seminar, EC, Brussels (INV)
- Nov 2010 2nd Workshop on Network Analysis in Industrial Ecology, Fukuoka, Japan (KEY)
- Aug 2010 8th Chinese Input-Output Association, Weihai, China (KEY)
- July 2010 IGU Conference 2010, Wellbeing, Innovation and Spatial Transformation, Groningen
- June 2010 University of Queensland, Brisbane (INV)
- June 2010 18th International Input-Output Conference, Sydney
- May 2010 WIOD Conference on Industry-Level Analyses of Globalization and its Consequences, Vienna (KEY)
- Nov 2009 56th North American Regional Science Association International Conference, San Francisco
- Oct 2009 University Putra Malaysia, Putrajaya, Malaysia (INV)
- Oct 2009 Economic Planning Unit, Putrajaya, Malaysia (INV)
- July 2009 17th International Input-Output Conference, Sao Paulo
- Nov 2008 Workshop on Consumption and Climate Change, CPRAC, Barcelona (INV)
- Oct 2008 Graduate University, Chinese Academy of Sciences, Beijing (INV)
- Oct 2008 Second Sino-Netherlands Workshop on Input-Output Techniques, Beijing (INV)
- July 2008 International Input-Output Meeting on Managing the Environment, Seville
- May 2008 Economic Research for EU Policy Making, SSH Research Programme, Brussels (INV)
- Febr 2008 Regional Economics Applications Laboratory, University of Illinois at Urbana-Champaign (INV)
- Sept 2007 2nd Spanish Conference on Input-Output Analysis, Zaragoza (KEY)
- July 2007 16th International Input-Output Conference, Istanbul (KEY)

- June 2007 Academy of Mathematics and Systems Science (AMSS), Chinese Academy of Sciences, Beijing (INV)
- June 2007 Graduate University, Chinese Academy of Sciences, Beijing (INV)
- Oct 2006 First Sino-Netherlands Workshop on Input-Output Techniques, Groningen (INV)
- July 2006 Intermediate Input-Output Meetings 2006 on Sustainability, Trade & Productivity, Sendai, Japan
- May 2006 Universidad Pablo de Olavide, Seville, Spain (INV)
- May 2006 University of Seville, Spain (INV)
- Feb 2006 Expert workshop, Exploratory Research Project “EU-wide Extended Input-Output Analysis Tools”, Institute for prospective Technological Studies, Seville, Spain (INV)
- Oct 2005 Regional Economics Applications Laboratory, University of Illinois at Urbana-Champaign (INV)
- Sept 2005 First Spanish Conference on Input-Output Analysis, Oviedo (KEY)
- June 2005 15th International Input-Output Conference, Beijing
- Nov 2004 51st North American Meeting of the Regional Science Association International, Seattle
- Oct 2004 University of Oviedo, Spain (INV)
- Sept 2004 International Conference on Input-Output and General Equilibrium: Data, Modeling, and Policy Analysis, Brussels
- Apr 2004 Universidad Pablo de Olavide, Seville, Spain (INV)
- Apr 2004 Fundación Centro de Estudios Andaluces, Seville, Spain (INV)
- Apr 2004 International Conference “Eco-Efficiency for Sustainability”, Institute of Environmental Sciences (CML), University of Leiden
- Dec 2003 Institute of Environmental Sciences (CML), University of Leiden (INV)
- Nov 2003 50th North American Meetings of the Regional Science Association International, Philadelphia
- Nov 2002 49th North American Meetings of the Regional Science Association International, San Juan, Puerto Rico
- Oct 2002 14th International Conference on Input-Output Techniques, Montréal, Canada
- Nov 2001 48th North American Meetings of the Regional Science Association International, Charleston, SC
- Sep 2001 ECIS conference “The Future of Innovation Studies”, University of Eindhoven (INV)
- Mar 2001 Pantheon – Sorbonne, University of Paris (INV)
- Aug 2000 13th International Conference on Input-Output Techniques, Macerata, Italy
- Mar 2000 Inter-Industrial Relations in Economic Modelling, Balatonfüred, Hungary (INV)
- Nov 1999 46th North American Meetings of the Regional Science Association International, Montreal
- Nov 1999 Workshop “Thoughts on structural decomposition analysis”, Tinbergen Institute, Amsterdam (INV)
- Nov 1998 45th North American Meetings of the Regional Science Association International, Santa Fe, NM
- May 1998 Twelfth International Conference on Input-Output Techniques, New York
- Nov 1997 Colloque MODESE/LATEC, Université de Bourgogne, Dijon (INV)
- Nov 1997 44th North American Meetings of the Regional Science Association International, Buffalo, NY
- Mar 1997 SOM-workshop "Growth, Convergence, and International Trade", University of Groningen
- Jun 1996 Universität Münster (INV)
- Jun 1996 Universität Graz (INV)
- Nov 1995 Eleventh International Conference on Input-Output Techniques, New Delhi
- Jul 1993 Universität Heidelberg (INV)
- Apr 1993 Tenth International Conference on Input-Output Techniques, Sevilla, Spain (KEY)
- Feb 1993 Rijksuniversiteit Leiden (INV)
- Sep 1992 Second Conference of the European Association for Comparative Economic Studies, University of Groningen
- Sep 1991 European Meeting of the Econometric Society, University of Cambridge, Cambridge, UK
- May 1989 Colloquium on Seton's eigenprices, University of Twente, Enschede (INV)
- Aug 1988 Third Annual Congress of the European Economic Association, University of Bologna, Italy

- Aug 1987 European Meeting of the Econometric Society, Technical University of Denmark, Copenhagen, Denmark
 - Sep 1986 European Meeting of the Econometric Society, Hungarian Academy of Sciences, Budapest, Hungary
 - Dec 1985 Allied Social Science Associations; 1985 Annual Meetings, New York. Winner of the 1985 paper competition of the Association for Comparative Economic Studies
 - Aug 1985 Fifth World Congress of the Econometric Society, Massachusetts Institute of Technology, Cambridge, Mass., USA
 - Nov 1984 Second Joint Economics Colloquium, Universität Oldenburg, Germany (INV)
 - Oct 1984 Input-output task force meeting, International Institute for Applied Systems Analysis, Laxenburg, Austria
- Jun - Sep 1986 Participation in the Young Scientists' Summer Program at the International Institute for Applied Systems Analysis, Laxenburg, Austria