

Curriculum Vitae

Armon Rezai

Professor

Research Group Leader 'Macroeconomics and the Environment'

Department of Socio-Economics, WU Wien

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CURRENT POSITIONS

since 2018 Professor, Vienna University of Economics and Business (WU Wien)
since 2014 External Research Associate, OxCarre, University of Oxford
since 2011 Guest Senior Researcher, International Institute for Applied Systems Analysis (IIASA)
since 2010 Leader, Research Group 'Macroeconomics and the Environment', WU Wien

EDUCATION

2006 - 2009 Ph.D. and M.Phil. (Economics), New School for Social Research
2001 - 2005 M.A. and B.A. (Economics, combined), Vienna University of Economics

PAST POSITIONS

2017 - 2018 Director of Policy, Vienna Institute for International Economic Studies (WIIW)
2015 - 2017 Schrödinger Fellow at Columbia University and UC Berkeley (supported by the FWF)
2014 - 2015 Deputy Head of the Institute for Ecological Economics, WU Wien
2012 University of Cologne, Visiting Chair (W3)
2009 - 2018 Assistant professor / associate professor, WU Wien
2009 Research Intern, United Nations University WIDER
2006 - 2009 Research Assistant, Schwartz Center for Economic Policy Analysis
2006 - 2007 Short Term Consultant, The World Bank Group

VISITING POSITIONS

05/2012 Oxford University, Visiting Researcher
Fall 2011 UC Berkeley, Visiting Researcher
Fall 2009 UC Berkeley, Visiting Researcher
07/2008 University of Cambridge, CAPORDE
Fall 2005 Georgetown University, PhD Student

HONORS / AWARDS

2021, 2019, 2017 Ranked among "Top 100 researchers under 40" in Handelsblatt ranking of economists
2021, 2019 WU Best Paper Award
2017 Lecturer, EAERE-FEEM-VIU Summer School in Resource and Environmental
 Economics 'Macroeconomics, Growth, and the Environment'
2015, 2018 Egon-Matzner-Prize, Vienna Technical University
2015 Outstanding Referee Award, Ecological Economics
2012, 2015, 2017 OeNB – WU Internationalisierungspreis
since 2019 CESifo fellow (2012-2018 CESifo affiliate)
2012 - 2013 Contributing author, Austrian Panel on Climate Change (APCC)

GRANTS

2017 - 2019	Policy Options for Sustainable Growth in the Presence of Complex Financial Markets, Austrian National Bank (€ 154.000)
2015 - 2017	Schrödinger Fellowship, Austrian Science Fund FWF (€ 125.000)
2013 - 2015	Financialization, Growth, and Biophysical limits, Austrian National Bank (€ 150.000)
2012 - 2016	WWWforEurope, EU FP7 Collab. Research Project (researcher, € 400.000 of € 8 million)
2012 - 2016	Sustainability, Stability, and Distribution, INET (senior advisor, \$ 600.000)
2011 - 2013	Green Growth, Austrian National Bank (€ 104.000)
Fellowships	Austrian Marshall Plan Foundation (2x), Fulbright Fellowship, WU Visiting Fellowship, NSSR University and Dean's Fellowships
Advisory boards	Mistra Financial Systems - Green Macro project (€ 350.000)

PUBLICATIONS

Edited Volumes

Chichilnisky, G and A. Rezai (eds, 2020). *Handbook on the Economics of Climate Change*, Edward Elgar. (reprinted in paperback as Chichilnisky and Rezai, 2021).

Chichilnisky, G. and A. Rezai (eds, 2016). *The Economics of the Global Environment: Catastrophic Risks in Theory and Practice*, Springer.

Taylor, L., Rezai, A., and T. Michl (eds, 2012). *Social Fairness and Economics: Economic Essays in the Spirit of Duncan K. Foley*, Routledge.

In Peer-Reviewed Journals

forthcoming

1 Karp, L. and A. Rezai (2021) Trade and Resource Sustainability with Asset Markets, *Dynamic Games and Applications*.

2 Ederer, S. and A. Rezai (2021) Labour markets in a Post-Keynesian growth model: the effects of endogenous productivity growth and working time reduction, *Review of Keynesian Economics*.

2022

3 Van der Ploeg, R., Tovar, M. and A. Rezai (2022) Gathering Support for Green Tax Reform: Evidence from German Household Surveys, *European Economic Review*, 141, 103966.

2021

4 Semieniuk, G., Taylor, L., Rezai, A. and D. Foley (2021) Plausible energy demand patterns in a growing global economy with climate policy, *Nature Climate Change*, 11, 313-318.

5 van der Ploeg, R. and A. Rezai (2021) Optimal carbon pricing in general equilibrium: Temperature caps and stranded assets in an extended annual DSGE model, *Journal of Environmental Economics and Management*, 110, 102522.

6 Dietz, S., van der Ploeg, F., Rezai, A. and F. Venmans (2021) Are economists getting climate dynamics right and does it matter?, *Journal of the Association of Environmental and Resource Economists*, 8, 895-921. (reviewed in *Nature Climate Change* by Tol, 2021)

2020

7 Mattauch, L., Matthews, H. D., Millar, R., Rezai, A., Solomon, S. and F. Venmans (2020). Steering the Climate System: Comment, *American Economic Review*, 110, 1231-37.

8 van der Ploeg, R. and A. Rezai (2020). Stranded Assets in the Transition to a Carbon-Free Economy, *Annual Review of Resource Economics*, 12, 281-298.

- 9 van der Ploeg, R. and A. Rezai (2020). The risk of policy tipping and stranded carbon assets, *Journal of Environmental Economics and Management*, 200, 102258. (media coverage: *Financial Times*)
- 2019
- 10 Rezai, A. and R. van der Ploeg (2019). The Agnostic's Response to Climate Deniers: Price Carbon!, *European Economic Review*, 111, 70–84.
- 11 Taylor, L., Foley, D. and A. Rezai (2019). Demand drives growth all the way, *Cambridge Journal of Economics*, 43, 1333–1352.
- 12 Rezai, A. (2019). Review of Worst-Case Economics: Extreme Events in Climate and Finance, *Journal of Economic Literature*, LVII, 185-187.
- 13 van der Ploeg, R. and A. Rezai (2019). Simple rules for climate policy and integrated assessment, *Environmental and Resource Economics*, 72, 77–108.
- 2018
- 14 Glötzl, F. and A. Rezai (2018). A net lending perspective on Europe, *Cambridge Journal of Economics*, 42, 3, 779-795.
- 15 Rezai, A., Taylor, L. and D. Foley (2018) Economic Growth, Income Distribution, and Climate Change, *Ecological Economics*, 146, 164-172.
- 16 van der Ploeg, R. and A. Rezai (2018). The Simple Arithmetic of Carbon Pricing and Stranded Assets, *Energy Efficiency*, 11, 627-639.
- 2017
- 17 Rezai, A. and R. van der Ploeg (2017). Climate policies under climate model uncertainty: max-min and min-max regret, *Energy Economics*, 68, 4-16.
- 18 Rezai, A. and R. van der Ploeg (2017). Second-best climate policies to decarbonize the economy: commitment and the Green Paradox, *Environmental and Resource Economics*, 66, 409-434.
- 19 Crawford, B. and A. Rezai (2017). The Gold Standard, the Euro, and Leadership: A Cautionary Tale, *German Society and Politics*, 35, 77-104.
- 20 Rezai, A. and R. van der Ploeg (2017). Abandoning Fossil Fuel: How much and how fast? *Manchester School*, 85, e16-e44.
- 21 van der Ploeg, R. and A. Rezai (2017). Cumulative emissions, untapped tapped fossil fuel and the optimal carbon tax, *Technological Forecasting and Social Change*, 116, 216-222.
- 22 Taylor, L., Rezai, A., Kumar, R., Barbosa, N. and L. Carvalho (2017). Wage Increases, Transfers, and the Socially Determined Income Distribution in the USA, *Review of Keynesian Economics*, 2, 259-275.
- 2016
- 23 Rezai, A. and R. van der Ploeg (2016). Intergenerational inequality aversion, growth and the role of damages: Occam's rule for the global carbon tax, *Journal of the Association of Environmental and Resource Economics*, 3, 493-522.
- 24 Rezai, A. and S. Stiglitz (2016). Ecological Macroeconomics: Introduction and Review, *Ecological Economics*, 121, 181-185.
- 25 Carvalho, L., Rezai, A. (2016). Personal income inequality and aggregate demand, *Cambridge Journal of Economics*, 40, 491-505.
- 26 Taylor, L. Rezai, A. and D. Foley (2016). An Integrated Approach to Climate Change, Income Distribution, Employment, and Economic Growth, *Ecological Economics*, 196-205.
- 2015
- 27 Rezai, A. and R. van der Ploeg (2015). Robustness of a simple rule for the social cost of carbon, *Economics Letters*, 132, 48-55.

28 Rezai, A. (2015). Demand and Distribution in Integrated Economies, *Cambridge Journal of Economics*, 39:5, 1399-1414.

2014

29 Karp, L. and A. Rezai (2014). The Political Economy of Environmental Policy with Overlapping Generations, *International Economic Review*, 55(3), 711-733.

2013

30 Foley, D., Rezai, A. and L. Taylor, (2013). The social cost of carbon emissions, *Economics Letters*, 121, 90-97.

31 Rezai, A., Taylor, L., and R. Mechler (2013). Ecological Macroeconomics: An application to climate change, *Ecological Economics*, 85, 69-76.

32 Rezai, A. (2013). Cycles of demand and distribution and monetary policy in the US economy, *Journal of Post-Keynesian Economics*, 36, 231-250.

33 Scricciu, S., Rezai, A., and R. Mechler (2013). On the Economic Foundations of Green Growth Discourses: The Case of Climate Change Mitigation and Macroeconomic Dynamics in Economic Modelling, *WIREs: Energy and Environment*, 2, 251–268.

2012

34 Rezai, A. (2012). Goodwin Cycles, Distributional Conflict, and Productivity Growth, *Metroeconomica*, 63 (1), 29-39.

35 Rezai, A., Foley, D., and L. Taylor (2012). Global Warming and Economic Externalities, *Economic Theory*, 49, 329–351.

2011

36 Rezai, A. (2011). The Opportunity Cost of Climate Policy: A Question of Reference, *Scandinavian Journal of Economics*, 113 (4), 885–903.

37 Semmler, W., Greiner, A., Diallo, B., Rajaram, A. and A. Rezai (2011). Fiscal Policy, Public Expenditure Composition, and Growth: Theory and Empirics, *Aestimatio* - the IEB International Journal of Finance, 2, 48-89 (also published as World Bank Policy Research Working Paper 4405)

2010

38 Rezai, A. (2010). Recast the DICE and its Policy Implications, *Macroeconomic Dynamics*, 14 (S2) 275-289

39 Chen, P., Gong, G., Rezai, A., and W. Semmler (2008). Long and Short Run Considerations of Productivity Growth and Unemployment in RBC models, *Investigacion Economica*, 264 (LXVII), 36-61.

In Collection

1 Rezai, A., van der Ploeg, R. and C. Withaagen (2020) Optimal Carbon Tax and Economic Growth: Additive or Multiplicative Climate Change Damages in Graciela Chichilnisky and Armon Rezai (eds.) *Handbook on the Economics of Climate Change*, Edward Elgar, ch. 9.

2 Taylor, L., Rezai, A., Kumar, R., de Carvalho, L. and N. Barbosa (2016). US Size Distribution and the Macroeconomy, 1986-2009 in Mario Damill, Martín Rapetti and Guillermo Rozenwurcel (eds.) *Macroeconomics and Development: Roberto Frenkel and the Economics of Latin America*, Columbia University Press, New York, ch.15.

3 Glötzl, F., Marterbauer, M., Rehm, M., Rezai, A (2014). Finanzierungssalden und die Krise in Europa, in Dullien, S., Hein, E. and A. Truger (eds.): *Makroökonomik, Entwicklung und Wirtschaftspolitik. Festschrift für Jan Priewe*, Metropolis, Marburg, 263-277.

4 Stagl, S., Schulz, N., Kratena, K., Mechler, R., Pirgmaier, E., Radunsky, K., Rezai, A., Köppl, A. (2014). Transformationspfade. In: *Österreichischer Sachstandsbericht Klimawandel 2014 (AAR14)*. Austrian Panel on Climate Change (APCC), Verlag der Österreichischen Akademie der Wissenschaften, Wien.

- 5 Chen, P., Gong, G., Rezai, A., Semmler, W. (2009). ‚Short and Long Run Effects of Productivity Shocks in an Intertemporal Model’ in Fournier, M. and Mercier, C. (eds.) *Economics of Employment and Unemployment*, Nova Publishers.
- 6 Nell, E., Semmler, W., Rezai, A. (2008). ‚Wirtschaftswachstum und Globale Klimaerwärmung: Emissionshandel oder Emissionssteuer?’ in Altvater, E. and Brunnengräber, A. (eds.) *Ablasshandel gegen Klimawandel?*, VSA Verlag, 169-184. (Reprinted as ‚Economic Growth and Climate change: Cap-And-Trade or Emission Tax?’ in Altvater, E. and Brunnengräber, A. (eds.) *After Cancún: Climate Governance or Climate Conflicts*, VSA Verlag, 95-110.)

In other Journals, Discussion Papers, Policy Notes, and Newspapers

- 7 Heimberger, P., Rezai, A. (2018) Hilf dir selbst, dann hilft dir Deutschland: Fortschritt bei der Reform der Eurozone? *Derstandard.at*, June, 27.
- 8 Van der Ploeg, R., Rezai, A. (2018). How to deal with climate change deniers: Price carbon! *VoxEU.org*, January, 5.
- 9 Rezai, A. (2015). Wirtschaftswachstum und die funktionale und persönliche Verteilung von Einkommen – Überblick und neue Erkenntnisse, *Der öffentliche Sektor*, 41:2, 95-99.
- 10 Van der Ploeg, R., Rezai, A. (2015). Global Carbon Taxation: Intuition from a back-of-the-envelope calculation, *VoxEU.org*, January, 15. (media reviews: WEF and ArgusMedia)
- 11 Chichilnisky, G., Rezai, A. (2014). ‚Business as Usual’ is not an environmentally viable option. Letters, *Financial Times*, March, 3.
- 12 Mechler, R., Rezai, A., Stagl, S. (2010). Is Green Growth feasible? Some reflections and implications for Austria, *Wirtschaftspolitische Blätter*, 4, 451-465.
- 13 Chen, P., Rezai, A., Semmler, W. (2007). Productivity Growth and Unemployment in the Short and Long Run, *SCEPA Working Paper 2007-8*.
- 14 Rezai A., *Steuerwettbewerb in Agglomerationsmodellen* [Tax Competition in Agglomeration Models], MA Thesis.

Work under Review

- 1 Selfish incentives for climate policy: Empower the young! (with Larry Karp and Alessandro Peri)
- 2 Carbon taxation and redistributive ethics: Role of nonlinear Engel curves (with Rick v. d. Ploeg and Miguel Tovar)
- 3 Household behaviour determines political support for climate dividends (with Rick v. d. Ploeg and Miguel Tovar)

Work in Progress

- 4 Wage Repression, „Excess” Capital Gains, Wealth Concentration, and Secular Stagnation in the USA (with Lance Taylor and Özlem Omer)
- 5 Productivity Growth and Unemployment in the Short and Long Run (with J. Jaeckel and W. Semmler)
- 6 Second-best climate policy – making do with the taxes we have (with Elisa Belfiori)

TEACHING EXPERIENCE

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|-------------|---|
| 2019 | Research Seminar in Climate Change Economics (PhD level) |
| 2018 | Theoretical Foundations of Socioeconomics: Structures (PhD level) |
| 2017 – 2018 | Socio-Economic Modelling (PhD level) |
| 2017 – 2020 | Growth, Wellbeing, and Development, Vienna University of Economics (MA level) |
| 2017 – 2020 | Economy and Society: Economic and ecological inequality (BA level) |
| 2012 – 2014 | Growth, Wellbeing, and Development, Vienna University of Economics (MA level) |

- 2012 Energy Markets and Prices, University of Cologne (MA level)
- 2010 – 2012 Applied Microeconomics, Vienna University of Economics (BA level, in German and English)
- 2010 – 2011 International Macroeconomics, Vienna University of Economics (BA level, in German)
- 2010 Econ. Development and the Environment, Vienna University of Economics (MA level)
- 2008 Advanced Macroeconomics I Lab, New School for Social Research (PhD level)
- 2007 Introduction to Macroeconomic Development, New School for General Studies (BA level)

KEYNOTE LECTURES

2016

Who pays to avoid climate change, and how much does it cost? ESRC Climate Ethics and Climate Economics, University of Nottingham.

Demand drives growth all the way: wealth distribution, technological progress, and secular stagnation, Young Economists Conference 2016, Chamber of Labour, Vienna.

SEMINARS

2020 University of Vienna, University of Innsbruck

2019 Brown University, CMCC Milan

2018 University of Gothenburg, ETH Zürich, WU Wien, Cusanus Hochschule

2017 UC Berkeley, Stanford University, UBA, University of Graz, University of Vienna

2016 Yale University, Princeton University, Tinbergen Institute, INET Internal Seminar, CSU Fort Collins, University of Utah, PEEES Seminar Paris, CIRED, PIK

2015 Vienna Technical University, University of Innsbruck, ZEW Mannheim, New School University, Stevens Institute of Technology, UMass Amherst

2014 Grantham Institute (LSE), OxCARRE (Oxford University), Vienna Technical University, MCC Berlin, VU Amsterdam

2013 Tinbergen Institute, University of Cologne

2012 Grantham Institute (LSE), Chamber of Labor (Vienna), OxCARRE (Oxford University)

2011 UC Berkeley (ERG and ARE), University of Utah

2010 Austrian National Bank, Vienna Technical University, IIASA

2009 UC Berkeley (IES, ERG, and ARE), Konstanz, PIK, UNU-WIDER

CONFERENCES AND WORKSHOPS

Presentation

2021 EAERE, AERE, Bern Energy Workshop

2020 LSE-Imperial Workshop in Environmental Economics, University of Zurich, European Geoscience Union, EEA, EGU Annual meeting, EAERE, The Economics of Inequality and the Environment

2019 ESRC Rethinking Macroeconomics' Sustainability Hub, EAERE Manchester, AERE Incline Village, GESIS Köln

2018 SURED, SED, WiW Vienna, ISEE Mexico City, Incidence of Climate Change and Climate Policies Carl von Ossietzky Universität Oldenburg

2017 ASSA, WIIW Spring seminar, EAERE Athens

2016 EEA, SURED, EAERE Zurich, 40 years of CJE Cambridge

2015 INET Annual Conference, EAERE Helsinki, ESEE Leeds, SHE Annual Meetings Sydney, LSE Conference on economics of innovation, diffusion, growth and the environment, 4th International Workshop on Natural Resources, Environment and Economic Growth

2014 MCC Conference on Public Finance, FMM Berlin, SURED, WCERE Istanbul

2013 EAERE Toulouse; Achieving 2°C climate Stabilization: macroeconomic benefits or costs? Cambridge

2012 SURED, AFOSR Workshop on Catastrophic Risk Stanford, CESifo Area Conference on Energy and Climate Economics

2011 Conference in Honor of Lance Taylor New York, EAERE Rome, ESEE Istanbul, EEA, ASSA

2010 CESifo Area Conference on Energy and Climate Economics, International Institute for Applied Systems Analysis, NOEG Vienna, AURÖ Workshop on Environmental and Resource Economics Graz, Ecological Macroeconomics Workshop Vienna, ESOP Workshop on Climate Change and Distribution Oslo

2009 Columbia University Workshop on ICP New York

Organization

2013 EURO: Lessons from History, UC Berkeley

2012 Analytical Insight and Social Fairness (in Honor of Duncan K. Foley), New York

2009-2011 Ecological Macroeconomics Workshop series, Vienna University of Economics

2007 Has Economics Failed the Challenge of Reality?, New School for Social Research

2006 Mechanisms of Inequality: Theory and Empirics Workshop, New School for Social Research

2006 Has Economics Failed the Challenge of Development?, New School for Social Research

last revised Jan 2022.