

CURRICULUM VITAE

Name, First Name: Grether, Jean-Marie
Place/date of birth: Neuchâtel, Switzerland / April 28th, 1960
Marital status: in a relationship, two children
Nationality: Swiss



Office address: Université de Neuchâtel
Institut de Recherches Economiques
2, A-L Breguet / 2000 Neuchâtel
Switzerland
Phone: 41 32 718 13 56
Fax: 41 32 718 14 01
e-mail: jean-marie.grether@unine.ch

Languages French (mother tongue), Spanish and English (fluent), German (basic)

DEGREES

September 1995 Ph.D. *suma cum laude* in economics, University of Geneva.
October 1988 M.A. in economics and finance, University of Geneva.
September 1987 B.A. in economics, University of Geneva.

PRESENT AND PREVIOUS POSITIONS

since Oct. 2000 Full Professor in International Economics, University of Neuchâtel
Oct. 1995 – Sept. 2000 Lecturer in International Trade and Finance, Universities of Neuchâtel, Lausanne and Geneva
Oct. 1995 – Feb. 2000 Post-doc positions under research projects on empirical trade, University of Geneva.
Nov. 1990 - Sep. 1995 Teaching assistant, University of Geneva.
Jan. 1989 - May 1990 Full-time professor, Instituto Tecnológico y de Estudios Superiores de Monterrey, campus Toluca, Mexico.
Mar. 1982 - Mar. 1984 French Teacher at the Alianza Franco Mexicana de Toluca, Mexico.

OTHER ACTIVITIES

Jan. 2017 - ... Vice-rector, University of Neuchâtel
Oct. 2016 – Dec. 2016 Delegate to the rectorate, University of Neuchâtel
Sep. 2013 - July 2015 & Aug. 2009 - July 2011 Dean, Faculty of Economics, University of Neuchâtel

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| Sep. 2006 - July 2009 | Member of the deanship, Faculty of Economics, University of Neuchâtel |
| Apr. 2005 – Apr. 2013 | Regular Member, local committee of the Swiss National Science Foundation, University of Neuchâtel |
| July 2004 - Dec. 2007 | Board member, World Trade Institute, Bern |
| Nov. 2002 - Nov. 2004 | Member of the Experts group for economic statistics, Swiss Federal Statistical Office, Neuchâtel |
| July 1989 - May 1990 | co-chairman of the Economic Information Unit of the Instituto Tecnológico y de Estudios Superiores de Monterrey, campus Toluca, Mexico. |

TEACHING

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| Regular courses (University of Neuchâtel) | Bachelor level: Introductory economics, macroeconomics, international trade and payments, development economics and sustainable development |
| | Master level: Applied economics, international economics, global public goods, research methodology |
| Invited lectures | Environment and development, Universidad de La Plata (2011) |
| | International economics, University of Geneva (2007, 2012) |
| | International Trade, Geneva School of Business Administration (2007) |
| | Introductory economics, IDHEAP (2007) |
| Occasional lectures | Globalisation, croissance et pauvreté, EPFL (2009) |
| | Liberalización comercial y migración, ILO (2006, 2007) |
| | Trade policy, growth and poverty, WTO (2004, 2005, 2006) |
| | Applied Trade Policy, World Trade Institute and Joint Vienna Institute (2000-2004) |
| | Comercio internacional, Colegio Mexiquense (2000, 2002) |

RESEARCH PROJECTS

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|------------------------|---|
| Feb. 2012 - Apr. 2015 | "Inequalities, Geography and Emissions", Swiss National Science Foundation No 100014-138625, Main Applicant |
| Aug. 2008 – Dec. 2010 | "Trade, Transport and the Environment", Swiss National Science Foundation No 100012-117872, Co-applicant |
| Jan. 2009 - March 2009 | Co-director of the applied research project, "Promotion économique du canton de Neuchâtel", Mandat de l'Etat de Neuchâtel |

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| Oct. 2005 - Sep. 2006 | "Trade and the Environment: an Empirical Analysis", Swiss National Science Foundation No 100012-109926, Main Applicant |
| Oct. 2003-March 2004 | Consultant for the national research program PNR42+, "Les relations économiques entre la Suisse et l'Afrique du Sud de 1945 à 1990", Institut d'histoire économique et sociale, University of Lausanne, Switzerland. |
| Aug. 2002 – Aug. 2003 | Consultant in the Tariff Project for Palestine of the Economic Policy Programme, London School of Economics. |
| Oct. 1999 – Feb. 2000 | Consultant in the project "The links between trade and competition policy in the Central and East European countries" realised for the EU (DG-II) by the Laboratoire d'Economie Appliquée (LEA), University of Geneva, Switzerland. |
| Apr. 1999 - Oct. 1999 | Assistant professor-level with research position under the research project "Effets sur la croissance à long terme d'une adhésion suisse à l'UE", LEA, University of Geneva, Switzerland |
| Oct. 1995- Sep. 1998 | Assistant professor-level with research position under the research project: "Theoretical and Empirical Interactions between Trade and Migration Policies"; Swiss National Science Foundation, project No. 12-42011.94, University of Geneva, Switzerland |
| July 1991 - Sep. 1992 | Consultant at the World Bank, under the research project "Industrial Competition, Productive Efficiency and their Relation to Trade Regimes", RPO 674-46. |

PHD THESIS SUPERVISED

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|--------------------------|--|
| Carlos Ordas | Growth and Air Pollution: Three Empirical Essays Based on Nonparametric Methods, March 2009 |
| José-Antonio Monteiro | Essays on Investement and Environment : a Spatial Econometrics Perspective, November 2010 |
| Diana Pacheco | Poverty Persistence and Social Interactions, November 2013 |
| Caspar Sauter | Climate Change: Responsibilities and Policies. Four Essays in Environmental Economics, June 2015 |
| Sabina Kummer | Three Empirical Essays on Globalization and Growth. June 2018 |
| In process | |
| Benjamin Tissot-Daguette | Three Essays on Agglomeration Economies in Switzerland. Scheduled February 2019 |
| Joséphine Leuba | The spatial distribution of income in Switzerland. Scheduled August 2019 |

PUBLICATIONS

1) Books

- 2012 (with Marc Bachetta, Cossimo Beverelli, Olivier Cadot, Marco Fugazza, Matthias Helble, Alessandro Nicita and Roberta Piermartini), *A Practical Guide to Trade Policy Analysis*, United Nations and World Trade Organization, N.Y., 236p.
- 2005 (with Milad Zarin-Nejadan), *Eléments d'économie politique*, 3ème édition, EDES, Université de Neuchâtel, Neuchâtel, 297p.
- 2000 (with Marc Bacchetta and Jaime de Melo), *Introduction to the World Economy: A Course with Emphasis on Transition economies*, CD-rom, The World Bank, Washington D.C.
- 1997 (with Jaime de Melo), *Commerce international: Théories et applications*, de Boeck Université, Bruxelles, 844p.

2) Reports and monographs

- 2009 (with Milad Zarin-Nejadan), *Analyse macro-économique*, polycopié, Université de Neuchâtel, Neuchâtel, 247p.
- 2008 (with Olivier Cadot and Jaime de Melo), *Applied Trade Policy Analysis: A Handbook*, UNCTAD Virtual Institute.
- 2003 (with Jaime de Melo and L. Alan Winters), *Options for a Tariff Policy for Palestine*, London School of Economics and Political Science, United Kingdom, 65p.
- 2000 (with Olivier Cadot, Petros Mavroidis, Jaime de Melo and Damien Neven), *The Links Between Trade and Competition Policy in the Central and East European Countries*, research report realised for the European Union (DG-II) by the Laboratoire d'Economie Appliquée, University of Geneva, Switzerland, 115p.
- 1999 (with Tobias Müller), *Effets à long terme d'une intégration de la Suisse à l'Europe*, Contributions à la politique économique No 4, Publications de l'Office fédéral du développement économique et de l'emploi, Berne, 98p.
- 1995 "Microeconomic impacts of trade liberalization in Mexican manufacturing industries", Ph.D. thesis, University of Geneva, 136p.

3) Journal Articles

- 2016 (with Nicole Mathys and Caspar Sauter), "Geographical spread of global emissions: Within-country inequalities are large and increasing", *Energy Policy*, 89, 138-149.
- 2014 (with Nicole Mathys and Irina Hotz), "Industry location in Chinese provinces: does energy abundance matter?", *Energy Economics*, 44, 383-391.
- 2013 (with Nicole Mathys), "The Pollution Terms of Trade and its five components", *Journal of Development Economics*, 100(1), 19-31.
- 2013 (with Nicole Mathys and Frank Vöhringer), "Trade and climate policies: does international transport matter?", *The World Economy*, Vol. 36 (3), pp. 280-302.

- 2013 (with Olivier Cadot, Laure Dutoit and Marcelo Olarreaga), "Endogenous Tariffs in a Common-Agency Model: A New Empirical Approach Applied to India", *Revista de Economía y Estadística*, Vol. LI, No 1, 25-52.
- 2012 (with Nicole Mathys and Claude Lutzelschwab), "L'essor et le déclin de l'Occident: une perspective géographique", *Revue d'économie du développement*, No 2, pp. 31-56, Juin.
- 2012 (with Nicole Mathys and Jaime de Melo), "Unravelling the World-Wide Pollution-Haven Effect", *Journal of International Trade and Economic Development*, Vol. 21(1), pp.131-162.
- 2011 (with Carlos Ordas), "Convergence in CO₂ per capita emissions: a robust distributional approach", *Resource and Energy Economics*, Vol.33(3), pp.636-665.
- 2010 (with Nicole Mathys), "Is the World's Economic Gravity Center Already in Asia?", *Area*, Vol. 42(1), pp.47-50.
- 2010 (with Nicole Mathys and Jaime de Melo), "Global Manufacturing SO₂ Emissions: Does Trade Matter?", *Review of World Economics*, Vol. 145(4), pp. 713-729.
- 2009 (with Nicole Mathys and Jaime de Melo), "Scale, Technique and Composition Effects in Manufacturing SO₂ Emissions", *Environmental and Resource Economics*, Vol. 43(2), pp. 257-274.
- 2003 (with Sanoussi Bilal and Jaime de Melo), "Attitudes towards Immigration: A Trade-Theoretic Approach", *Review of International Economics*, Vol. 11(2), pp.253-267.
- 2002 (with Tobias Müller), "Long-Run Effects of the Common Agricultural Policy for Switzerland: A Simulation Analysis", *Swiss Journal of Economics and Statistics*, Vol.138(3), pp. 271-292.
- 2001 (with Jaime de Melo and Marcelo Olarreaga), "Who Determines Mexican Trade Policy?", *Journal of Development Economics*, Vol.64, pp. 343-370.
- 2001 (with Tobias Müller), "Decomposing the Economic Costs and Benefits of Accession to the EU: the Swiss case", *Journal of Economic Integration*, Vol. 16(2), pp.203-228.
- 2000 (with Olivier Cadot and Jaime de Melo), "Trade and Competition Policy", *Journal of World Trade*, Vol. 34, No. 3 (June), pp. 1-20.
- 2000 (with David Gisselquist), "An Argument for Deregulating the Transfer of Agricultural Technologies to Developing Countries", *World Bank Economic Review*, Vol.14, No.1 (January), pp. 111-127.
- 1999 "Determinants of Technological Diffusion in Mexican Manufacturing: A Plant-Level Analysis", *World Development*, Vol. 27, No. 7, pp. 1287-98.
- 1997 "Estimating the pro-competitive gains from trade liberalization: an application to Mexican manufacturing", *Journal of International Trade and Economic Development*, vol.6, No. 3, pp. 393-417.
- 1997 "L'Investissement direct à l'étranger contribue-t-il à la diffusion technologique vers les pays en développement?", *Revue d'économie du développement*, No 4, pp. 35-77.
- 1995 (with Jaime de Melo), "Commerce, environnement et relations Nord-Sud: enjeux et quelques tendances récentes", *Revue d'économie du développement*, No 4, pp. 69-102.

4) Papers under revision

- 2015 (with Caspar Sauter and Nicole Mathys), "Back to 1820? Spatial Distribution of GDP and CO2 Emissions", IRENE working paper 15-05, University of Neuchâtel. http://www2.unine.ch/files/content/sites/irene/files/shared/documents/WP_2015/wp_15-05_1.pdf

5) Chapters in books

- 2014 (with Jaime de Melo), "La montée en puissance du régionalisme et l'avenir de l'OMC", in B. Bürgenmeier (ed), *L'Economie au service des citoyens : Essais en mémoire de Peter Tschopp*, Slatkine, Genève, pp. 209-222.
- 2013 (with Soamely Andriamananjara and Olivier Cadot), "Applied Trade Policy Analysis", in Arvid Lukauskas, Robert M. Stern, and Gianni Zanini (eds), *Handbook of Trade Policy for Development*, Oxford University Press.
- 2011 (with Nicole Mathys), "On the Track of the World's Economic Center of Gravity", in O. de La Grandville ed., *Frontiers of Economics and Globalization, Vol.11: Economic Growth and Development*, Emerald Group, London, pp. 261-287.
- 2004 (with Jaime de Melo), "Globalization and Dirty Industries: Do Pollution Havens Matter?", in R. Baldwin and A. Winters eds, *Challenges to Globalization: Analyzing the Economics*, University of Chicago Press, pp. 167-208.
- 2003 "Mexico in the World Economy", in E. Morales Pérez ed, *Las relaciones de México con la Unión Europea*, El Colegio Mexiquense, pp. 23-138.
- 2001 (with Tobias Müller and Jaime de Melo), "The political economy of international migration in a Ricardo-Viner model", in S. Djajic ed., *International Migration: Trends, Policy and Economic Impact*, Routledge, pp.42-68.
- 2000 (with Tobias Müller), "Sorting out the effects of Switzerland's accession to the EU: A Simulation Analysis", presented at the conference on "Assessing the Medium and Long Term Effects of Integration: New Methodologies and New Issues, university of Lausanne, October 4-5 1999, to appear in volume of conference proceedings.
- 1999 (with Jaime de Melo et Tobias Müller), "Réflexions sur la non-équivalence entre politiques migratoires et politiques commerciales", in A. Bouët et J. Le Cacheux eds, *Globalisation et politiques économiques: les marges de manoeuvre*, Economica, Paris, pp. 427-448.
- 1999 (with Marcelo Olarreaga), "Preferential and Nonpreferential Trade Flows in World Trade", in M.R. Mendoza, P. Low and B. Kotschwar eds, *Trade Rules in the Making: Challenges in Regional and Multilateral Negotiations*, Brookings Institution Press, Washington D.C., pp.159-179.
- 1999 (with Riccardo Faini and Jaime de Melo), "Globalisation and Migratory Pressures from Developing Countries: A Simulation Analysis", in R. Faini, J. de Melo and K.F. Zimmerman eds, *Migration: The Controversies and the Evidence*, Cambridge University Press, pp. 190-220.
- 1997 (with Riccardo Faini), "L'Ouverture au commerce peut-elle réduire la migration Nord-Sud?", in P. Guillaumont and J. de Melo (eds), *Commerce Nord-Sud, Migration et Délocalisation*, Economica, Paris, pp. 57-76.

1996 "Mexico 1985-90: Trade liberalization, market structure and performance", in M.J. Roberts and J.R. Tybout (eds), *Industrial Evolution in Developing Countries: Micro Patterns of Turnover, Productivity and Market Structure*, Oxford University Press, pp. 260-284.

6) Columns in peer-reviewed blogs

2015 (with Caspar Sauter and Nicole Mathys), "The spatial inequality of greenhouse gas emissions", VoxEU.org, 31 January.

2010 (with Jaime de Melo and Nicole Mathys), "Identifying the worldwide pollution effect", VoxEU.org, 23 December.

2009 (with Jaime de Melo and Nicole Mathys), "Trade, Pollution and the Environment: New International Evidence", VoxEU.org, 28 November.

2009 (with Nicole Mathys), "How fast are CO2 emissions moving to Asia?", VoxEU.org, 21 November.

7) Unpublished material

2012 (with Nicole Mathys and Claude Lutzelschwab), "The rise and fall of the West : a geographical perspective", mimeo, University of Neuchâtel.

2010 (with Nicole Mathys), " How fast is the World's Center of GHG Emissions moving eastwards", mimeo, University of Neuchâtel.

PRESENTATIONS AT CONFERENCES

1. Ifo Lunchtime seminar, University of Munich, February 5, 2014, presentation: "Industry location in Chinese provinces: does energy abundance matter?".
2. Société Suisse d'Economie et de Statistique, Congrès Annuel, Université de Neuchâtel, 19-21 Juin 2013, presentation: "How unequal are global emissions".
3. Paris Trade Seminar, Science Po Paris, April 10, 2012, presentation: " The Pollution Terms of Trade and its five components ".
4. Academia Nacional de Ciencias Económicas, Buenos Aires, October 19, 2011, presentation: " Desarrollo sostenible y economía del medio ambiente ".
5. European Trade Study Group, Twelfth Annual Conference, Lausanne, 9-11 September 2010, presentation:" Measuring the Pollution Terms of Trade with Technique Effects".
6. European Association of Environmental and Resource Economists, 17th Annual Conference, Amsterdam, 24-27 June, 2009, " Measuring the Pollution Terms of Trade with Technique Effects".
7. European Association of Environmental and Resource Economists, 16th Annual Conference, Gothenburg, 25-28 June, 2008, "Global Manufacturing SO₂ Emissions: Does Trade Matter?".

8. European Trade Study Group, Ninth Annual Conference, Athens, 13-15 September 2007, presentation: "Is the World Economic Center of Gravity Already in Asia?".
9. European Trade Study Group, Eighth Annual Conference, Vienna, 7-9 September 2006, presentation: "Is trade bad for the environment? Decomposing world-wide SO2 emissions 1990-2000".
10. European Trade Study Group, Seventh Annual Conference, University College, Dublin, 8-10 September 2005.
11. Société Suisse d'Economie et de Statistique, Congrès Annuel, ETH Zürich, 17-18 Mars 2005, presentation: "The Dynamics of the Pollution Content of Trade".
12. Gentil GATT, méchante OMC?, Conférence-débat organisée par la SNSSES, Université de Neuchâtel, 25 janvier 2005, présentation: "La politique économique extérieure suisse en perspective".
13. Victoria University Europe, Neuchâtel, 6 October 2003, presentation: "The European Union and the Euro".
14. International Seminar on International Trade, CEPR/NBER/SNS Conference, Stockholm, 24-25 May 2002, presentation: "Globalization and dirty industries: any pollution haven?".