

# Curriculum Vitae



**Nicole Andréa Mathys**

[Nicole.Mathys@bfe.admin.ch](mailto:Nicole.Mathys@bfe.admin.ch)

[http://works.bepress.com/nicole\\_mathys](http://works.bepress.com/nicole_mathys)

Swiss Federal Office of Energy  
Energy Policy Section  
3003 Bern

University of Neuchâtel  
IRENE, Pierre-à-Mazel 7  
2000 Neuchâtel

## Personal Data

Marital Status in a relationship

Nationality Swiss (origin: Eriswil, BE)

Date of Birth 16.09.1978

## Education

- 2003-2007 PhD thesis entitled "Looking for Orders of Magnitude: Five Essays in Trade and the Environment and Economic Geography", University of Lausanne, committee: Profs. M. Brülhart (supervisor), O. Cadot, C. Carrère, A. Baranzini and B. Sinclair-Desgagné, public defence: 16.5.2007.
- 2004 Certificate of the Swiss Program for Beginning Doctoral Students in Economics at the Study Center in Gerzensee - Foundation of the Swiss National Bank (Microeconomics, Macroeconomics and Econometrics).
- 2002-2003 Master of Science in Economics, University of Lausanne.
- 2001-2002 Erasmus exchange program: completing the last year of the degree at the University of East Anglia in Norwich, GB.
- 1998-2002 Licence ès sciences économiques, option économie politique, University of Neuchâtel.
- 1993-1998 Gymnasium Langenthal, option E (economics, management and law).

## Professional Experience and other Activities

- since 2008 Responsible for research program "Energy-Economy-Society" ([www.ewg-bfe.ch](http://www.ewg-bfe.ch)) at the Swiss Federal Office of Energy, Berne.
- Researcher and lecturer at the University of Neuchâtel.
- 2006-2009 Lecturer at the University of Lausanne.
- 2007-2008 Consultant at the WTO in the Trade and Environment Division (Director: Vesile Kulaçoğlu).
- 2007 Research assistant of Prof. Ph. Thalmann, Ecole Polytechnique Fédérale Lausanne,

2003-2007	Teaching and research assistant of Prof. M. Brülhart, University of Lausanne.
2006	Replacing economics teacher at "Ecole Vinet" in Lausanne.
2002-2003	Assistant of Prof. M. Zarin, University of Neuchâtel.
2002	Research assistant of Prof. J.-M. Grether, University of Neuchâtel and Prof. J. de Melo, University of Geneva.

### Distinctions

2010	Presentation at the "Doctoriales", University of Lausanne.
2008	"Prix de la solidarité confédérale" for PhD thesis, University of Lausanne.
2003	Business School Award for master thesis, University of Lausanne.
2002	"Prix Jeune Consulting" for the degree thesis, University of Neuchâtel.

### Publications

#### *Peer reviewed articles:*

(with J.-M. Grether and J. de Melo), "Unravelling the World-Wide Pollution Haven Effect", 2011, forthcoming in *Journal of International Trade and Economic Development*.

(with J.-M. Grether and J. de Melo), "Global Manufacturing SO<sub>2</sub> Emissions: Does Trade Matter?", 2010, *Review of World Economics*, Vol. 145 (4), pp. 713-729.

(with J.-M. Grether), "Is the World's Economic Center of Gravity already in Asia?", 2010, *Area*, Vol. 42 (1), pp. 47-50.

(with J.-M. Grether and J. de Melo), "Scale, Technique and Composition Effects in Manufacturing SO<sub>2</sub> Emissions", 2009, *Environmental and Resource Economics*, Vol. 43(2), pp. 257-274.

(with M. Brülhart), "Sectoral Agglomeration Effects in a Panel of European Regions", 2008, *Regional Science and Urban Economics*, Vol. 38(4), pp. 348-362.

#### *Working papers:*

(with J.-M. Grether), "How fast is the World's Center of GHG Emissions moving eastwards?", 2010, mimeo, University of Neuchâtel.

(with J.-M. Grether), "Measuring the Pollution Terms of Trade with Technique Effects", 2010, revise and resubmit.

(with R. Gerlagh), "Energy abundance, trade and industry location", 2010, under revision.

(with A. Baranzini, M. Bareit and S. Weber), "Causal linkages between GDP and energy consumption: an application to Switzerland", 2010, mimeo.

(with J. de Melo), "Trade and Climate Change: Challenges Ahead", 2010, CEPR discussion paper 8032.

*Contributions to books:*

(with J. de Melo), "Trade and Climate Policies after the crisis", 2011 in Haddad, M., and Shepherd, B. (eds.). *Managing Openness: Trade and Outward-Oriented Growth after the Crisis*. Washington, D.C.: World Bank.

*Theses:*

PhD thesis: "Looking for Orders of Magnitude: Five Essays in Trade and the Environment and Economic Geography", University of Lausanne, 2007.

Master Thesis (No.141): "Looking for the Pollution Haven Effect", University of Lausanne, 2003.

Mémoire de licence: "In Search of Evidence for the Pollution-Haven Hypothesis", University of Neuchâtel, 2002.

*Other research outputs:*

(with J. Montez), "Taxe sur les huiles de chauffage: Faut-il réformer le droit du bail?", *Le Temps*, 28th April 2007.

(with J.-M. Grether), Construction of the database "Lead Content in Gasoline", University of Neuchâtel, 2003.

<b>Presentations at Conferences</b>
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|------|---|
| 2010 | European Trade Study Group Conference, Lausanne (September).  |
|      | World Congress of Environmental and Resource Economists, Montreal (June).                           |
|      | Conference on Sustainable Resource Use and Economic Dynamics, Ascona (June).                        |
| 2009 | Conference of the European Association of Environmental and Resource Economists, Amsterdam (June).  |
|      | Conference on the international dimensions of climate policies, Bern (January).                     |
| 2008 | Conference of the European Association of Environmental and Resource Economists, Gothenburg (June). |
|      | Conference on Sustainable Resource Use and Economic Dynamics, Ascona (June).                        |
| 2007 | European Trade Study Group Conference, Athens (September).  |
|      | Spring Meeting of Young Economists, Hamburg (May).  |
| 2006 | European Trade Study Group Conference, Vienna (September).  |
|      | Conference on Sustainable Resource Use and Economic Dynamics, Ascona (June).                        |
|      | Doctoriales d'Economie et Finances Internationales, Geneva (January).                               |
| 2005 | European Trade Study Group Conference, Dublin (September).  |

## Additional Training

- 2010      Program Evaluation Methods, Prof. G. Imbens, Study Center Gerzensee (23-27 August).  
Lectures on International Trade and Investment: Multinational Firms, Offshoring, Outsourcing, and Environment, Prof. J. Markusen, ETH Zurich (25-28 May).
- 2009      CGE modeling course, Dr. Frank Vöhringer, Swiss Federal Office of Energy (5 days).
- 2008      Empirical Methods in International Trade, Prof. R. Feenstra, Study Center Gerzensee (11-15 August).
- 2007      Economics of Climate Change, Doctoral Course, Dr. Frank Vöhringer, Ecole Polytechnique Fédérale Lausanne (31.10, 21.11 and 28.11).
- 2006      Qualitative Panels and Bayesian Analysis, Doctoral Course, Prof. Ch. Hsiao, University of Geneva (18-22 September).
- 2005      Political Economics and Economic Development Summer Course, Prof. D. Acemoglu, Study Center Gerzensee (8-12 August).  
Spring School and CEPR Conference in Economic Geography, Cagliari (20-24 June).  
Topics in International Trade, Prof. Marc Melitz, HEI Geneva (7-17 June).
- 2004      Spring School in Economic Geography, Paris (8-10 June).
- 2003      CEPR Summer School in Political Economy, Milano (27-31 August).  
Cycle Romand d'Economie Politique, Crans-Montana (3-7 March).
- 2002      Panel Data Course with Prof. M. Arellano, Study Center Gerzensee (1 week in August).

## Languages

- German      mother tongue
- English      fluent oral and written
- French      fluent oral and written
- Italian      basic notions
- Spanish      basic notions

## Hobbies

Sports, hiking and enjoying nature.

## References

Dr. Pascal Previdoli  
Vice-director Swiss Federal Office of Energy  
[Pascal.Prevoidoli@bfe.admin.ch](mailto:Pascal.Prevoidoli@bfe.admin.ch)  
Phone: +41 31 322 56 05 (or 11)

Prof. Philippe Thalmann  
Ecole Polytechnique Fédérale de Lausanne  
[Philippe.Thalmann@epfl.ch](mailto:Philippe.Thalmann@epfl.ch)  
Phone: +41 21 693 73 21

Prof. Marius Brülhart  
University of Lausanne  
[Marius.Brulhart@unil.ch](mailto:Marius.Brulhart@unil.ch)  
Phone: +41 21 692 34 71

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