Joëlle Noailly

February 2024

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web: <u>www.joellenoailly.com</u> twitter: @JoelleNoailly Female, 2 children

Professional Experience:

Associate Professor of Environmental Economics, Vrije Universiteit Amsterdam, 2020-present, part-time Senior Lecturer, Department of International Economics, Geneva Graduate Institute, 2023-present Tinbergen Institute Research Fellow, 2020-present Head of Research, CIES, Geneva Graduate Institute, 2015-2023 Lecturer, Department of International Economics, Geneva Graduate Institute, 2015-2023 Consultant, World Intellectual Property Organization, 2022 Consultant, European Investment Bank, 2016 Researcher, CIES, Geneva Graduate Institute, 2012-2014 Economist, Netherlands Bureau for Economic Policy Analysis (CPB), 2003-2011

Research interests: Technological Change & Environmental Policy, Economics of Climate Change, Economics of Natural Resources and the Environment

Education:

PhD in Economics, Vrije Universiteit Amsterdam, The Netherlands, 2003 *Fields*: Economics of Natural Resources and the Environment *Dissertation Title:* Co-evolutionary modelling for sustainable development *Advisors:* Prof. dr.Cees Withagen, Prof. dr. Jeroen van den Bergh

M.Phil in Economics, Tinbergen Institute Graduate School in Economics, The Netherlands, 2000 M.Sc. in Environmental Economics, University of Delaware, USA, 1999 Undergraduate/ "Maîtrise" in International Economics, Université Lumière, Lyon, France, 1997

Teaching Experience:

Vrije Universiteit Amsterdam: Environmental and Resource Economics, Master in Economics, 2020-present Geneva Graduate Institute:

Climate Change and Environmental Economics, Master in Economics, 2023 Environmental Economics and Sustainability, Master Interdisciplinary Programs, 2023 Data and Text Analysis using Python, Master Economics & Interdisciplinary Programs, 2023 Environmental Economics and Policy, Master Interdisciplinary Programs, 2016-2019 Topics in Resource and Development, PhD in Economics, 2017-2019 Advanced Resource Economics A, PhD in Economics, 2016 International Environmental Economics and Policy, Master in Economics, 2014-2016 Doctoral Seminars in Resource Economics, PhD in Economics, 2014-2015 Executive Education, Environmental Governance Program, 2013, 2015, 2016, 2022, 2023

Grants, Awards and Fellowships

Swiss National Science Foundation, Scientific Exchanges, 2024, SURED Conference, CHF 12'400. Swiss National Science Foundation, Division 1 Project, 2023-2027, Critical Minerals for the Clean Energy Transition, CHF 814'000, Co-PI

- NBER, Subaward Economics of Innovation in the Energy Sector, 2020, \$2,500, PI, MIT, Boston Swiss National Science Foundation, NRP73 Sustainable Economy, 2018-2022, Financing Investments in Clean Technologies, CHF 715,000, Co-PI
- Swiss Federal Office of Energy, Research Grant, 2014-2016, The Impact of Innovation on Sectoral Energy Intensity in Switzerland, CHF 90,000, PI
- Swiss Network for International Studies, 2014-2016, Diffusion of Low-Cost Energy Technologies to Developing Countries, CHF 200,000, Co-PI
- Swiss National Science Foundation, Sinergia Program, 2014-2017, Innovation, Diffusion and Green Growth, CHF 1,500,000, Sub-project leader
- European Commission, Marie Skłodowska-Curie Intra-European Fellowship, 2013-2015, GREENSPILL, EUR 250,000, PI
- Swiss National Science Foundation, Marie Heim Fellowship for Women in Academics, 2013-2015, CHF 200,000, PI, awarded and declined for Marie Skłodowska-Curie Fellowship.

University of Delaware Tuition Fellowship and Stipend, 1997-1998

Journal articles

h-index: 19 - total citations > 1700 - ORCID [0000-0002-9053-0958]

Noailly, J., L. Nowzohour and M. van den Heuvel (2022) Does Environmental Policy Uncertainty Hinder Investments Towards a Low-Carbon Economy? *Submitted*

Noailly, J., L. Nowzohour and M. van den Heuvel (2022) Heard the News? Environmental Policy and Clean Investments, *R&R Journal of Public Economics*

Dugoua, E., M. Dumas and J. Noailly (2022) Text as Data in Environmental Economics and Policy, *Review of Environmental Economics and Policy*, 16(2), pp. 346-356.

Noailly, J. and R. Smeets (2022) Financing Energy Innovation: Internal Finance and the Direction of Technical Change, *Environmental and Resource Economics*, 83(1), 145-169

Borghesi, S., A. Munro and J. Noailly (2022) EAERE Award for the Best Paper Published in Environmental and Resource Economics, *Environmental and Resource Economics*, 1-3.

Wurlod, J.D. and J. Noailly (2018) The impact of green innovation on energy intensity: An empirical analysis for 14 industrial sectors in OECD countries, *Energy Economics*, 71, pp.47-61.

Sarr, M. and J. Noailly (2017) Innovation, diffusion, growth and the environment: Taking stock and charting new directions, *Environmental and Resource Economics*, 66(3), pp. 393-407.

Noailly, J. and V. Shestalova, (2017) Knowledge spillovers from renewable energy technologies: Lessons from patent citations, *Environmental Innovation and Societal Transitions*, 22(3), pp. 1-14.

Noailly, J. (2016) Research funding: Patience is a virtue, *Nature Energy*, Commentary, April, Vol 1.

Noailly, J. and R. Smeets (2015) Directing technical change from fossil-fuel to renewable energy innovations: An empirical investigation using patent data, *Journal of Environmental Economics and Management*, 72(C), pp. 15-37.

Noailly, J. and D. Ryfish (2015) Multinational firms and the internationalization of green R&D: A review of the evidence and policy implications, *Energy Policy*, 83(C), pp. 218-228.

Noailly, J. (2012) Improving the energy efficiency of buildings: The impact of environmental policy on technological innovation, *Energy Economics*, 34, pp. 795-806.

Noailly, J., S. Vujic and A. Aouragh (2012) The effects of competition on the quality of primary schools in the Netherlands, *Environment and Planning A*, 44(9), pp. 2153-2170.

Noailly, J. and S. Batrakova (2010) Stimulating energy-efficient innovations in the Dutch building sector: Empirical evidence from patent counts and policy lessons, *Energy Policy*, 38, pp. 7803-7817.

Noailly, J., D. Webbink and B. Jacobs (2011) Should the government subsidize enrolment in science and engineering studies? *Applied Economics Letters*, 18(4), pp. 371 – 375.

Noailly, J. and R. Nahuis (2010) Entry and competition in the Dutch notary profession, *International Review of Law and Economics*, 30(2), pp. 178-185.

Noailly, J., J.C.J.M. van den Bergh and C.A. Withagen (2009) Local and global interactions in an evolutionary resource game, *Computational Economics*, 33(2), pp. 155-173.

Noailly, J. and S. Visser (2009) The impact of market forces in childcare provision: Insights from the 2005 Childcare Act in the Netherlands, *Journal of Social Policy*, 38(3), pp. 477-498.

Noailly, J. (2007) Coevolution of economic and ecological systems: An application to pesticide resistance in agriculture. *Journal of Evolutionary Economics*, (17)5, pp. 1-29.

Noailly, J., C.A. Withagen, and J.C.J.M van den Bergh (2007) Spatial evolution of social norms in a common-pool resource game. *Environmental and Resource Economics*, 36, pp. 113-141.

Parsons, G. and J. Noailly (2004). A value capture property tax for financing beach nourishment projects: an application to Delaware's ocean beaches. *Ocean and Coastal Management*, 47, pp. 49-61.

Noailly, J., J.C.J.M. van den Bergh and C.A. Withagen (2003) Evolution of harvesting strategies: replicator and resource dynamics. *Journal of Evolutionary Economics*, 13, pp. 183-200.

Books and books chapters

Andersen, M. and J. Noailly (2022) Environmental policy and clean innovation in the mining sector, In: *Global Challenges for Innovation in the Mining Industry* Daly A., Humphreys D., Raffo J. and Valacchi G., Cambridge University Press.

Noailly, J. (2008) Deregulation and quality of professional services: An economic and empirical perspective, In: *Professions under pressure*, Nicolle Zagers and Herman Boring (eds), The Hague, Boom Juridisch Uitgevers, pp.79-98.

Noailly, J., C.A. Withagen and J.C.J.M. van den Bergh (2007) Spatial evolution of social norms in a common-pool resource game. In: *Sustainable resource use and economic dynamics*, L. Brestscher and S. Smulders (editors), Springer, Dordrecht, The Netherlands, pp.191-216.

Noailly, J. (2003) *Co-evolutionary modelling for sustainable economic development*. Ph.D Thesis, Tinbergen Research Series.

Working Papers

Noailly, J., L. Nowzohour, and M. van den Heuvel (2022) Does Environmental Policy Uncertainty Hinder Investments Towards a Low-Carbon Economy? NBER Working Paper, No w30361.

Noailly, J. (2022) Directing innovation towards a low-carbon future, WIPO Economic Research Working Paper No 72.

Noailly, J., L. Nowzohour and M. van den Heuvel (2021) Heard the news? Environmental policy and clean investments, CIES Research Paper 70.

Noailly, J. and R. Smeets (2016) Financing energy innovation: The role of financing constraints for directed technical change from fossil-fuel to renewable innovation. EIB Working papers 06/2016, European Investment Bank, Luxembourg.

Noailly, J. and D. Ryfish (2014) Multinational firms and the internationalization of green R&D: A review of the evidence and policy implications, CIES Research Paper no 33.

Noailly, J. and V. Shestalova, (2013) Knowledge Spillovers from Renewable energy Technologies, Lessons from patent citations, CIES Research Paper no. 22.

General audience publications

Noailly, J., L. Nowzohour, and M. van den Heuvel (2022) A novel news-based index of environmental and climate policy uncertainty, VoxEu.org, CEPR, November 4.

Nowzohour, L., van den Heuvel, M. and J. Noailly (2021) A new index of environmental policy using newspapers, Green Finance Platform, Insights Blog

Popp, D., F. Vona and J. Noailly (2020) Green stimulus, jobs and the post-pandemic green recovery, VoxEU.org, CEPR, July 4.

Noailly, J. (2017) How Trump's climate agenda threatens clean innovation, CIES Policy Brief 1.

Noailly, J. (2017) How to unlock finance towards small cleantech firms? Green Growth Knowledge Platform Insights Blog

Noailly, J. (2015) Small firms, big impact? Green Growth Knowledge Platform Insights Blog

Policy reports

Boulouchos, K., Neu, U., Baranzini, A., Krocher, O., Markard, J., Mathys, N., Noailly, J., Roth, J., Scartezzini, JL., Schmitz, R., Schwarzenbach, R., Stauffacher, M. and E. Trutnevyte (2022) Swiss Energy System 2050: Pathways to Net Zero CO2 and Security of Supply, Swiss Academies of Arts and Science, Extended Energy Commission Report.

Boulouchos, K., Baranzini, A, Duca Widmer M., Furrer, B., Noailly, J. et al. (2019) Energy Research 2020+ in Switzerland: Recommendations for Future Programmatic Funding, Position Paper.

Wurlod, J-D. and J. Noailly (2016) The impact of green innovation on energy intensity: An empirical analysis for 14 industrial sectors in OECD countries, Report for the Swiss Federal Office of Energy no 291154.

Noailly, J. (2010) Improving the energy efficiency of buildings: The impact of environmental policy on technological innovation, CPB Discussion Paper 137, The Hague.

Noailly, J., S. Batrakova and R. Lukach (2010) Home green home – A case study of policies inducing energy-efficient innovations in the Dutch building sector, CPB Document 198, The Hague.

Noailly, J., S. Vujic and A. Aouragh (2009) Competition and quality in Dutch primary schools, CPB Discussion Paper 120, The Hague.

Koning, P.W.C, J. Noailly and S. Visser (2007) Do non-profits make a difference? Evaluating non-profit vis-à-vis for-profit organisations in social services. CPB Document 142, The Hague.

Noailly, J., S. Visser and P. Grout (2007) The impact of market forces on the provision of childcare: Insights from the 2005 Childcare Act in the Netherlands, CPB Memorandum 176, The Hague.

Nahuis R. and J. Noailly (2005) Competition and quality in the notary profession, CPB Document 94.

Noailly, J., M. Rensman, D. Waagmeester and D. Webbink (2005) Shortages of science and engineering students in the Netherlands, CPB Document 92, The Hague.

Canton, E., D. Lanser, J. Noailly, M. Rensman and J. van de Ven (2005) Crossing Borders: When science meets industry, CPB Document 98, The Hague

Presentations and seminars

Mercator Research Institute on Global Commons and Climate Change, Berlin, 2023 Workshop Materials Scarcity and Recycling for the Energy Transition, Grenoble. 2023 Economics of the Transition to a Sustainable Society Workshop, Paris, 2023 European Association of Environmental and Resource Economics Annual Conference, Limassol, 2023 International Monetary Fund, Climate Seminar Series, online, 2023 University of Uppsala, Economic Seminar, Uppsala, 2023 Climate Change and Central Banks, Deutsche Bundesbank Conference, Frankfurt, 2023 Workshop on Technological Innovation and Environmental Policy, Zurich, 2023 Workshop in Environmental Policy Evaluation, St Gallen, 2023 European Security and Market Authority, online, 2022 SURED Conference, Ascona, 2022 European Economic Association Annual Congress, Milan, 2022 European Association of Environmental and Resource Economics Annual Conference, Rimini, 2022 Geneva Graduate Institute, CIES Seminar, 2022 Vrije Universiteit Amsterdam, Spatial Economics Seminar Series, 2021 University of Coventry, Economic Seminar Series, online, 2021 European Economic Association Annual Congress, online, 2021 European Association of Environmental and Resource Economics Annual Conference, online, 2021 Conférence Journées Louis-André Gérard-Varet, Marseille, 2021 London School of Economics, Climate Change and Environment Seminar Series, online, 2021 University of Barcelona, Chair in Sustainability Seminar, online, 2021 NBER Conference - Economics of Innovation in the Energy Sector, online, 2020 Geneva Graduate Institute, CIES Seminar, 2020 Workshop on the Economics of Environmental Policy and Innovation, University of Ottawa, 2019 World Congress of Environmental and Resources Economics, Gothenburg, 2018 European Economic Association Annual Congress, Lisbon, 2017 European Association of Environmental and Resource Economics Annual Conference, Athens, 2017 Workshop on Global Innovation Patterns in the Mining Industries, WIPO, Geneva, 2017 International Symposium on Environment and Energy Finance Issues, IPAG, Paris, 2017 Expert Workshop on Environmental Policy Data and Competitiveness, GGKP, Geneva, 2017 Research Seminar on Environment, Resource and Climate Economics, RWI, Berlin, 2016 Workshop on Corporate Finance Alternatives, European Investment Bank, Luxembourg, 2016 Conference Economics of Innovation, Diffusion, Growth and the Environment', LSE, London, 2015 International Scientific Conference Our Common Future under Climate Change, Paris, 2015 Economic Seminar, OFCE, Sciences-Po/SKEMA, Nice, 2014 World Congress of Environmental and Resource Economics, Istanbul, 2014 International Academic Symposium on R&D in Energy, University of Barcelona, 2014 Economic Seminar Series, University of Bath, 2013 Swiss Society of Economics and Statistics Meeting, Neuchatel, 2013 Royal Economic Society Annual Conference, London, 2013 European Association of Environmental and Resource Economics Annual Conference, Prague, 2012 SEEK Conference The Green Growth Challenge, Mannheim, 2012 Policy Seminar, Swiss Federal Office of Energy, Bern, 2012 International Workshop on Innovation and Energy Technologies, FEEM, Venice, 2011 World Congress of Environmental and Resource Economics, Montreal, 2010 European Economic Association Annual Congress, Glasgow, 2010 European Association of Environmental Economics Annual Conference, Amsterdam, 2009 DIME Workshop on Innovation, Sustainability and Policy, Bordeaux, 2008 European Meeting on Evolutionary Economics, Manchester, 2007 Royal Economic Society Annual Conference, Nottingham, 2006

Competition Workshop on Regulation of Professional Services, The Hague, 2006 World Congress of Environmental and Resource Economics, Kyoto, 2006 European Association for Research in Industrial Economics Conference, Porto, 2005 International Industrial Organization Conference, Atlanta, 2005 World Congress of Game Theory, Marseille, 2004 World Congress of Environmental and Resource Economists, Monterey, 2002 International Conference of the Society for Computational Economics, Yale, 2002 Workshop on Economics with Heterogeneous Interacting Agents, Maastricht, 2002 Workshop on Multi-Agent Systems for Natural Resources Management, Wageningen, 2001 Summer School in Economic Theory - Environmental and Resource Economics, Jarusalem, 2001 Doctoral Training Program on the Economics of Technological Change, Strasbourg, 2001

Students Advised

Vrije Universiteit Amsterdam, Ph.D Student Henri Gruhl, 2022-present

Geneva Graduate Institute, Ph.D Students Ayse Nihal Yilmaz, 2023-2027 Laura Nowzohour, 2018-2022 - Leonid Hurwicz Price Best PhD Thesis

Vrije Universiteit Amsterdam, Master Students in Economics

Julia Masalkina Lars Brackenfelder Alexandra Marda Boris van der Tweel Ferk de Kroon Julius Verster Henri Gruhl Danice Jonker

Geneva Graduate Institute, Master Students

Economics
Avanth Gunturu
Bernhard Bieri
Josefina Holze
Till Fust
Maxwell Andersen
Carlotta Nani
Kuhu Joshi
Kritika Saxena
David Ryfisch

Interdisciplinary Arno Ratzinger Anne-Lise Hadzopoulos Edgar de Casas Camille Francois Ralitza Naydenova Viktoria Venelinova Simran Sinha Sarah Schoch Maxime Zufferey

Bulgan Luuzandamba Dario Siegen Bettina Kast Eva Bortolotti Mihnea-George Filip Vishva Subramaniam Lai Man Lak Corinne Grassle Eirik Lindjeberg

Geneva Graduate Institute, Ph.D committee member Enrico Nano, 2022 Anna Kis, 2021 Helena Ting, 2020

Other universities, Ph.D committee member Polina Karpaty, University of Uppsala, 2023 Jordi Plannelles-Cortes, Universities of Paris-Saclay and Barcelona, 2022 Marit Elisabeth Klemetsen, University of Oslo, 2016 Other universities, MPhil committee member Antonia Kurz, Tinbergen Institute, 2021

Professional service

Editorial

Co-Editor, Environmental and Resource Economics, 2020-present

- Guest-Editor, Environmental and Resource Economics, special issue on "Innovation, Diffusion and Green Growth", 2017
- Member of Nominating Committee for Best Paper Published in *Environmental and Resource Economics*, 2022-2023

Refereeing and scientific programs

Referee for Journal of the Association of Environmental and Resource Economics, Journal of Environmental Economics and Management, Environmental and Resource Economics, Nature Energy, Energy Economics, Resource and Energy Economics, Environment and Development Economics, Scandinavian Journal of Economics, European Journal of Finance, Research Policy, Energy Policy, Economics of Innovation and New Technology, Ecological Economics, Journal of Evolutionary Economics

Scientific Program Reviewer, European Association of Environmental and Resource Economics Annual Conferences, 2009-present

Scientific Program Reviewer, American Association of Environmental and Resource Economics Annual Conferences, 2022-present

Hiring committee

Professor in Sustainable Economics, University of Zurich, 2023

Expert panel/scientific boards and committees

Member of Extended Swiss Energy Commission, Swiss Academies of Arts and Science, 2019-present WIPO, Scientific Expert, World Intellectual Property Report, 2022

OECD, Scientific Committee, Sustainable Transition Instruments for the Dutch Industry, 2021 Green Growth Knowledge Platform, Member of Trade and Competitiveness Committee, 2012-2018 Green Growth Knowledge Platform, Member of Technology and Innovation Committee, 2012-2018 Swiss National Science Foundation, Scientific Expert, 2016 French National Research Agency, Scientific Expert, 2014

Workshop/session organizer

- Co-organizer, Sustainable Resource Use and Economic Dynamics (SURED) Conference, Ascona, 100+ participants, 2024
- Co-organizer, Special session Green Innovation Policy, European Association of Environmental and Resource Economics Annual Conference, Limassol, 2023
- Co-organizer, Workshop Harnessing Innovation, Finance and Skills for the Low-Carbon Transition, Morzine, 2022
- Organizer, Annual Workshops Financing Cleantech, Geneva Graduate Institute, 2018-2022
- Organizer, Special Session Environment and Sustainable Development, Swiss Society for Economics Annual Congress, Geneva, 2019

Co-organizer, Workshop Incentivizing the Grand Challenges, Geneva Graduate Institute, 2017 Co-organizer, SNIS Workshop Climate Policy Innovation, Geneva Graduate Institute, 2017

Co-organizer, Conference Economics of Innovation, Diffusion, Growth and the Environment, London School of Economics, 100+ participants, 2015 Co-organizer, Academic side-event, OECD Green Growth and Sustainable Development Forum, Paris, 2015

Co-organizer, Annual Sinergia Academic Workshops, 2014-2017

Organizer, Special session Environmental Policy and Technological Change, European Association of Environmental and Resource Economics Annual Conference, Amsterdam, 2009

Mentoring

Mentor, Women in Economics Initiative, 2022-present Mentor, Rare Voices in Economics, 2019-present Member of AcademiaNet, Network for Women in Academics (on nomination from the Swiss National Science Foundation), 2017-present

Policy Panels and Roundtables

Swiss Impact Forum, Financing the 2030 Agenda, Bern, 2022 WIPO, Global Challenges for Innovation in the Mining Industries, Geneva, 2022 Cercle des Investisseurs de Genève, Lunch Briefing, 2021 Bilateral Assistance and Capacity Building for Central Banks, Climate Risks, Geneva, 2021 OECD/DG REFORM Panel, Decarbonisation of the Dutch industry, online, 2021 Geneva Graduate Institute, Panel Discussion, Clean energy in Africa, Geneva, 2019 WIPO/Geneva Graduate Institute, The Future of Energy Innovation, Geneva, 2018 UNECE/Geneva Graduate Institute, Geneva Energy Conversation, Geneva, 2014 OECD Global forum on Environment and Eco-innovation, Paris, 2009 Dutch Parliament, Roundtable on Competition and Regulation, The Hague, 2008 OECD Working Party on Competition and Regulation, Paris, 2007

Interviews and Media Activities

Le Temps, "«Pour agir contre le réchauffement, il faut avant tout réduire la demande en énergies fossiles», 2023

Swiss National Science Foundation, NRP73 Podcast, «Policy Uncertainty Hinders Cleantech Investments», 2023

Geneva Graduate Institute, Podcast, «Climate Emergency: What Role for International Geneva?»,2022 Le Temps, «La COP27 met sous pression les pays riches», 2022

Le Temps, «Grande Interview Joelle Noailly: Pour faire sauter le verrou du carbone, il faut changer le système en profondeur», 2022

Le Temps, «Quel bilan pour la COP26?», 2021

RTS Forum TV, «Mesures insuffisantes durant la COP26» ,2021

Le Temps, «La planète suspendue aux négotiations climatiques», 2021

Geneva Solutions, «What if insurers stopped paying the climate bill? », 2020

Geneva Solutions, «US47 trillion investment group puts pressure on big polluters», 2020

Geneva Graduate Institute, Podcast, «What hope for the environment? Politics of the coronavirus pandemic», 2020

RTS Radio La Matinale, «Il y a un changement de priorités», 2020

Heidinews, «Pourquoi la pandémie de covid-19 est aussi une mauvaise nouvelle pour le climat?» 2020 Heidinews, «Ce qu'il faut retenir des promesses de Davos», 2020

SNSF Horizons Magazine, «Sustainability is a distant dream», 2018

Le Matin Maroc, «Energies renouvelables: le modèle marocain mis en exergue à Genève», 2018

Le Temps, «Paris: Un accord, et maintenant? », 2015

University service

Geneva Graduate Institute: Co-Facilitator, Sustainability Initiative, 2021-present Organizer, CIES Interdisciplinary seminars, 12 seminars per year, 2015-2022 Organizer, CIES Advanced Seminar Series in Environmental and Resource Economics, 2013-2015 Working Group UNOG-Graduate Institute Collaboration, 2021 Organizer, Word Climate Game, 2021 Moderation of several public events per year, 2016-present

Skills, Courses and Training attended

Technical skills Computing Skills: Stata, Python, Mathematica Fundamentals of Machine learning using Python, Tinbergen Institute Amsterdam, 2023 Programming in Python, Vrije Universiteit Amsterdam, 2023 Automated Content Analysis Using Python, Vrije Universiteit Amsterdam, 2019 Advanced Empirical Research Methods, St Gallen, 2016

Teaching skills

Using Jupyter Notebooks for Education & Teaching, EPFL, 2022 Preparing a Course using Learning Outcomes, University of Geneva, 2019 Supervizing a PhD Student, University of Geneva, 2018 Improving Learning Outcomes through Teamwork, University of Geneva, 2017 Effective Teaching in Higher Education Programmes, EPFL, 2016

Communication and Managerial skills

Language Skills: French (native), English (fluent), Dutch (advanced) Media Training, Swiss National Science Foundation, 2016 Leading and Motivating Teams, Netherlands Bureau for Economic Policy Analysis, 2008 Effective Communication, Netherlands Bureau for Economic Policy Analysis, 2006