
Wilfried KOCH

(<https://weconomikus.github.io/wilfried-koch-page/>)

Born on August 13, 1978, in Longjumeau (91), France.

Contact

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Professional Experience

- 2018 – present : Full Professor, Université du Québec à Montréal (UQAM), Department of Economics, Canada.
- 2014 – 2018 : Associate Professor (Tenured), Université du Québec à Montréal (UQAM), Department of Economics, Canada.
- 2010 – 2014 : Assistant Professor, Université du Québec à Montréal (UQAM), Department of Economics, Canada.
- 2008 – 2010 : Assistant Professor, (maître de conférence), University of Burgundy, France.
- 2003 – 2007 : PhD Student at the Laboratory of Economics and Management (LEG), University of Burgundy, with a research and teaching assistant status ("Allocataire - moniteur", 2003-2006 and "ATER", 2006-2008).

Academic Degrees

- Ph.D. in Growth Economics and Spatial Econometrics, Université de Bourgogne, France (juin 2007). Thesis Title : “*Growth, interdependence and international spillovers : a spatial econometric approach*”. Thesis Advisor : Cem Ertur.

Committee : Aghion P. (Harvard University), Baumont C. (Université de Bourgogne), Ertur C. (Université d’Orléans), Le Gallo J. (Université de Besançon), LeSage J. (Texas State University).

- Best Thesis Award, Department of Economics, Université de Bourgogne, 2006-2007.
- Advanced Studies Diploma (DEA) : “Analysis and Economic Policy”, 2003, Université de Bourgogne, France.
- Bachelor’s and Master’s Degree in Econometrics and Mathematical Economics, 2002, Université de Bourgogne, France.

Community Services

- 2013 – 2020 : Director of Graduate Programs in Economics (Master’s and Ph.D.), Université du Québec À Montréal (UQAM), Department of Economics.
- 2011 – 2013 : Member of the Graduate Program Committee in Economics at the Department of Economics, UQAM, and Interim Program Director in 2013.
- 2022 – present : Member of the Undergraduate Program Committee in Economics (Bachelor’s and Certificate in Economics) at the Department of Economics, UQAM.
- 2023 – present : Member of the Techno-Pedagogical Committee at the UQAM’s School of Management (ESG).
- 2023 – present : Organizer of internal seminars at the Department of Economics (UQAM).
- 2021 – 2022 : Co-coordinator of the course ECO2400 (Macroeconomic Analysis) in administration at UQAM.

- 2012 – 2014 : Director of the "Human Capital, Growth, and International Development" axis in the Inter-university Center on Risk, Economic Policies, and Employment (CIRPÉE).
- 2010 – present : Member of the local liaison committee.
- 2008 – 2010 : Director of the Master's Degree in Economics M1-DEGT (Économie et Gouvernance des Territoires), Université de Bourgogne, France.
- 2012 : External reviewer for the FRQSC, "Programme d'appuie aux projets novateurs", Support Program for Innovative Projects.

Research activities

Main themes : Economic growth and Schumpeterian growth.

Secondary themes : Spatial econometrics, Development economics, Regional development.

Peer-Reviewed Journals

- "Trade and African Regional Agreements : a spatial econometric approach", *L'Actualité Économique*, 2019, 85(4), 429-450 (with A. Tientao and D. Legros).
- "Bank Concentration and Schumpeterian Growth : Theory and International Evidence", *Review of Economics and Statistics*, 2018, 100(3), 489-501 (with B. Diallo).
- "Latent multilateral trade resistance indices : theory and evidence", *Scottish Journal of Political Economy*, 2015, 62(3), 264-290 (with J. LeSage).
- "Modeling local growth control decisions in a multi-city case : Do spatial interactions and lobbying efforts matter?", *Public Choice*, 2013, 154(1), 95-117 (with K. Schone and C. Baumont).
- "A "dual" gravity model : Using spatial econometrics to control for multilateral resistance", *Journal of Applied Econometrics*, 2012, 27(5), 773-794 (with K. Behrens and C. Ertur).
- "A contribution to the theory and empirics of Schumpeterian growth with worldwide interactions", *Journal of Economic Growth*, 2011, 16, 215-255 (with C. Ertur).
- "Development accounting with spatial effects", *Spatial Economic Analysis*, 2008, 3(3), 321-342.
- "Growth, technological interdependence and spatial externalities : theory and evidence", *Journal of Applied Econometrics*, 2007, 22(6), 1033-1062 (with C. Ertur).
- "Regional Disparities in the European Union and the Enlargement Process : An Exploratory Spatial Data Analysis, 1995-2000", *Annals of Regional Science*, 2006, 40(4), 723-765, (with C. Ertur).
- "Analyse spatiale des disparités régionales dans l'Europe élargie", *Région et Développement*, 2005, 21, 65-92 (with C. Ertur).

Other publications and research activities

- "Innovation schumpétérienne et prospérité durable : Quelques réflexions et idées pour le Québec", Research note : 2023-02, Ministère des Finances du Québec (with A. Paquet).
- Co-organizer, with Alain Paquet, of the conference "*The Foundations and Economic Impacts of Innovation*", held on the occasion of the honorary doctorate award to Philippe Aghion (2023).
- French translation of the book "The Economics of Growth", MIT Press, written by Aghion and Howitt (2009), published by Economica, 2010.
- "Growth and spatial dependence in Europe", in : Le Gallo J., A. Pàez, S. Dall'erba and R. Buliung (Eds.), *Progress in Spatial Analysis : Theory and Computation, and Thematic Applications*, 2009, Advances in Spatial Sciences, Springer-Verlag, Berlin, 465-482.

- “Disparités régionales et interactions spatiales dans l’Europe élargie”, in : Capron H. (Ed.), *Convergence et dynamique d’innovation au sein de l’Espace Européen*, 2006, Editions De Boeck (with C. Ertur).

Articles Under Revision and Working Papers

- “Yes we can ! Factor-Augmenting Technical Change without Cobb-Douglas and despite Uzawa”, Working paper : 2025-4.
- “Financial Development and Capital Flows : Appraisal of the "Allocation Puzzle", Working paper : 2019-10 (with H. Zongo).
- “The Scramble for Africa and the Origins of Financial Underdevelopment”, under revision, *Journal of Institutional Economics* (with B. Diallo).
- “An Endogenous Growth Model of Premature Deindustrialization” (with K. Avoumatsodo et I. Leunga).
- “Does financial structure matter for economic development ?”

Programmation

- Intermediate to advanced level in the C++ programming language (up to C++17 standard) and intermediate level in the use of LaTeX, Matlab, and Stata.
- Beginner level in the C, HTML, CSS, and JavaScript languages (currently learning).
- Usage, in a recreational context, of the SFML (Simple and Fast Multimedia Library) and SDL (Simple Direct-Media Layer) libraries in C++.

Seminars and Conferences

- **Invited speaker in plenary session.** The 8th Seminar Jean Paelinck, Dijon, France.
- **Seminars.** Mc Gill, Montréal, UQAM (Université du Québec à Montréal) ; ENS-PSE, Paris-Jourdan, France ; LEO, Orléans, France (2) ; CORE, Louvain-la-Neuve, Belgique (2) ; Innsbruck, Autriche ; LEG, Dijon, France, CESAER - UMR - INRA - ENESAD, Dijon, France.
- **Conferences.** 55ème Congrès Annuel de la Société Canadienne de Sciences Économiques, Montréal, Canada ; XXII International Conference on Money Banking and Finance, Rome, Italie ; 54ème Congrès Annuel de la Société Canadienne de Sciences Économiques, Montréal, Canada ; 60ème Regional Science Association International North American Meeting (RSAI), Atlanta, USA ; Dynamics, Economic Growth and International Trade (DEGIT), XVIII, Lima, Pérou ; Journées du CIRPEE, Lac Beauport, Canada ; 58ème Regional Science Association International North American Meeting (RSAI), Miami, USA ; 57ème Regional Science Association International North American Meeting (RSAI), Denver, USA ; Journées du CIRPEE, St Adèle, Canada ; 58ème Congrès annuel de l’Association Française de Science Economique (AFSE), Paris, France ; 8ème workshop “Spatial Econometrics and Statistics”, Besançon, France ; 47ème Annual Meeting of the Southern Regional Science Association (SRSA), Washington, USA ; 56ème Congrès annuel de l’Association Française de Science Economique (AFSE), Paris, France ; 62ème European Meeting of the Econometric Society, Budapest, Hongrie ; 1st World Conference of the Spatial Econometrics Association, Cambridge, UK ; North American Summer Meeting of the Econometric Society, Durham, USA ; Workshop on Agglomeration and Growth In Knowledge-based Societies, Kiel, Allemagne ; 53ème Regional Science Association International North American Meeting (RSAI), Toronto, Canada ; 55ème Congrès annuel de l’Association Française de Science Economique (AFSE), Paris, France ; European Meeting of the Econometric Society, Vienne, Autriche ; Dynamics, Economic Growth and International Trade (DEGIT), XI, Jerusalem, Israel ; Workshop on Spatial Econometrics, Rome, Italie ; 52ème Regional Science Association International North American Meeting (RSAI), Las Vegas, USA ; XIIème Colloque de l’Association de Science Régionale de Langue Française, Dijon, France ; 45ème European Congress of the Regional Science Association, Amsterdam, Pays-Bas ; 20ème Annual Congress of the European Economic Association, Amsterdam, Pays-Bas ; Econometric Society World Congress, Londres, UK ; Workshop on Spatial Econometrics, Kiel, Allemagne ; Colloque international du MEDEE, Lille, France ; XIème Colloque de l’Asso-

ciation de Science Régionale de Langue Française, Bruxelles, Belgique ; 3ème Spatial Econometrics Workshop, Strasbourg, France.

Referee for scientific journals

European Economic Review, Journal of Economic Development, Journal of Applied Econometrics, Regional Science and Urban Economics, Journal of Economic Geography, Economics Letters, Empirical Economics, The Economic of Transition, Growth and Change, Spatial Economic Analysis, Journal of Regional Science, Papers in Regional Science, Environment and Planning, Journal of Geographical Systems, International Regional Science Review, China Economic Review, Journal of Economic Studies, Revue Économique, Économie Internationale, Revue Canadienne des Sciences Régionales, Revue d'Économie Régionale et Urbaine, L'Actualité Économique, Presses de l'Université Laval, Spatial Econometrics Workshop, Canadian Macro Study Group.

Teaching

PhD level

- “ECO930K : Topics in Economic Growth”, UQAM.

Master's level

- “ECO8025 : Development Economics”, Maîtrise, UQAM.
- “Spatial Econometrics”, Master 2, UB.
- “Advanced Microeconomics”, Master 2, UB.
- “Applied Econometrics”, Master 1&2, UB.

Bachelor's level

- “ECO2023 : Macroeconomics II”, Bachelor's Degree 2, UQAM.
- “ECO1273 : Methods of Economic Analysis I”, Bachelor's Degree 1, UQAM.
- “ECO3200 : Quantitative Analysis Modeling in Economics” (C++), Bachelor's Degree 2.
- “ECO4401 : Development Economics”, Bachelor's Degree 1, UQAM.
- “ECO5051 : International Trade”, Bachelor's Degree 3, UQAM.
- “ECO2400 : Macroeconomic Analysis”, Bachelor's Degree in Business Administration, UQAM.
- “Macroeconomics (Growth / Development)”, Licence 3, UB.
- “Macroeconomics”, Licence 1, UB.
- “Microeconomics”, Licence 3, UB.
- “Statistics : Probability”, Licence 2, UB.
- “Mathematics”, Licence 1&2, UB.
- “Spatial Economics”, Licence 3, UB.
- “Demography”, Licence 1, UB.
- “Political Economy”, Licence 1-Law, UB.

Funding, invitations, and community service

Funding and awards

- Fonds Québécois de la Recherche sur la Société et la Culture (FQRSC), Program for the Establishment of New Professors-Researchers (Single Applicant, 2012-NP-148137), “Economic Growth and Interdependence of Economies : A Theoretical and Empirical Reassessment” (Can\$ 39600).
- PAFARC, Université du Québec à Montréal (Can\$ 8500), 2010.
- State-Region Burgundy Project Contract, “Interactions, Hierarchy, Networks in the Enlarged European Union : Analysis of Regional Economic Dynamics”, 2008 - 2010.
- State-Region Burgundy Project Contract, “Regional Dynamics and Governance within the Enlarged European Union”, 2006 - 2008.
- GIP ANR (National Research Agency) Young Researchers JC 05 439904, “Regional Dynamics, Urban Territories, and Modes of Governance within the Enlarged European Union”, 2005 - 2008.
- International Mobility Grants, Cultural Areas, Ministry Delegate for Higher Education and Research, for the invitation of K. Behrens to CORE (Center for Operations Research and Econometrics), Louvain-la-Neuve, August 2006.
- Best Thesis Award from the Department of Economics, University of Burgundy, 2006-2007.

Invitations

- University of Burgundy, Dijon, France, October 2015, invited by R. Guillaïn.
 - University of Orleans, Orleans, France, June 2011, invited by C. Ertur.
 - UQAM (Université du Québec à Montréal), Montréal, Canada, Janvier 2010, invited by K. Behrens.
 - CORE (Center for Operations Research and Econometrics), Louvain-la-neuve, Belgium, Mars 2005, Août 2006, Janvier 2007, invited by K. Behrens.
 - Department of Finance and Economics, Texas State University - San Marcos, USA, Avril 2007, invited by J. LeSage.
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