

CURRICULUM VITAE

Prof. Dr. Matthias P. Finger

Professor Emeritus, Ecole Polytechnique Fédérale Lausanne (EPFL)
Full Professor, Istanbul Technical University (ITÜ)
Part-time Professor, European University Institute (EUI)

Emails: matthias.finger@epfl.ch; finger@itu.edu.tr; matthias.finger@eui.eu

Phone: +41.79.593.8700; +33.614.55.84.97

Website: www.network-industries.org

Last updated: December 2022

Narrative of Achievements

Matthias P. Finger received a PhD in Education in 1986 and a PhD in Political Science in 1988 both from the University of Geneva, Switzerland. His career led him to be an Assistant Professor at Syracuse University, an Associate Professor at Columbia University, a Full Professor at the Swiss Graduate Institute of Public Administration and, in 2002, a Full Professor and Chair at the Ecole Polytechnique Fédérale Lausanne (EPFL) in Switzerland. He retired from EPFL in 2020 and continues as a part-time professor (10%) at the European University Institute in Florence, Italy (since 2010). As of 2018, he is also a professor at Istanbul Technical University, Istanbul, Turkey, where he directs the Istanbul Center for Regulation (IC4R).

- Received more than 8 Mio. USD in research grants
- Graduated, while being at EPFL, 27 PhD students, numerous masters and executive masters students, and currently advises 1 PhD student; he sat on 35 PhD committees
- Authored, co-authored, edited or co-edited 39 books, 97 refereed journal articles, 93 book chapters, as well as numerous non-peer-reviewed chapters and conference papers
- Had developed a global executive master in Innovative Governance of Large Urban Systems which ran between 2014 and 2022
- Teaches four Massive Open Online Courses (MOOCs) on the Coursera and EdX platforms (Management of Urban Infrastructures, Smart Cities, GlobalArctic, Innovative Governance of Large Urban Systems); the most successful one “Smart Cities” has 40’000+ students
- Serves as an editor-in-chief of the Journal *Competition and Regulation in Network Industries* (Sage) and related Annual Conference. Serves on the editorial board of *Utilities Policy* (Elsevier) and several other journals

Personal Data

Name: Matthias P. Finger
Title: Professor Emeritus (EPFL), Professor (ITÜ)
Date of birth: July 11, 1955
Citizenship: Switzerland, France
Contact: Phone: +41.79.593.8700; +33.614.55.84.97; Email: matthias.finger@epfl.ch
ORCID 0000-0002.3597-2403

Education

1984-1988 **PhD in Political Science**
University of Geneva, Geneva, Switzerland
Advisor: Prof. Dusan Sidjanski

1982-1986 **Ph.D. in Education**
University of Geneva, Geneva, Switzerland
Advisor: Prof. Pierre Dominicé

1982-1985 **M.A. in Education**
University of Geneva, Geneva, Switzerland

1979-1982 **M.A. in Political Science**
University of Geneva, Geneva, Switzerland

1975-1978 **B.A. in Political Science**
University of Geneva, Geneva, Switzerland

Administrative Experience

2022- **President**, Avenir Mobilité, Switzerland (www.zukunft-mobilitaet.ch)

- 2020- **Consultant**, Advisor to the president of EPFL, affiliated to the Center for Digital Trust (C4DT), Ecole Polytechnique Fédérale Lausanne (EPFL) (www.c4dt.org) (20%)
- 2020- **Counsel**, swiss-economics SE AG, Zürich (www.swiss-economics.ch)
- 2018- **Director**, Istanbul Center for Regulation, based at Istanbul Technical University, Istanbul, Turkey (www.ic4r.net)
- Past
- 2014-2018 **Director**, Institute of Technology and Public Policy, Ecole Polytechnique Fédérale Lausanne (EPFL).
- 2010-2021 **Director**, Transportation Area, Florence School of Regulation, European University Institute, Florence, Italy.
- 2003-2009 **Dean**, School of Continuing Education, EPFL.
- 2003-2008 **Co-Director**, Sino-Swiss Management Training Center, University of St. Gallen, Switzerland.
- 1997-1999 **CEO**, CreaPost Consulting (a subsidiary of Swiss Post), Berne, Switzerland.
- 1993-1994 **Director**, Adult Education Guided Independent Study (AEGIS), Teachers College, Columbia University, New York.
- 1991-1992 **Manager**, International Academy of the Environment, Geneva, Switzerland.

Academic Faculty Experience

- 2020 - **Professor Emeritus**
Ecole Polytechnique Fédérale Lausanne (EPFL), Lausanne ; Switzerland
- 2018- **Full Professor (100%)**
Istanbul Technical University (ITÜ), Istanbul, Turkey
- 2010- **Part-time Professor (10%)**
European University Institute, Florence, Italy
- Past
- 2002-2020 **Full Professor (100%)**
Ecole Polytechnique Fédérale Lausanne (EPFL), Lausanne, Switzerland (I was hired as full tenured professor)

1995-2002	Full Professor (100%) Swiss Graduate Institute of Public Administration, Lausanne, Switzerland (I was hired as full tenured professor)
1992-1994	Associate Professor Teachers College, Columbia University, New York, USA (I did not apply for tenure)
1989-1991	Assistant Professor Maxwell School of Citizenship and Public Affairs (50%) and School of Education (50%), Syracuse University, Syracuse, New York, USA (this was a non-tenure track position)
1986-1989	Lecturer Department of Political Science, University of Geneva, Geneva, Switzerland

Areas of research, expertise and publication

- I have made my career in the field of the **network industries**, where I remain particularly interested in the co-evolution between institutions and technology, the regulation of the network industries as well as their governance more generally. I look at digital platforms as a new type of network industries, to which similar regulations could be applied (www.network-industries.org). In terms of geographical focus, I am mostly competent on Switzerland, Europe and Turkey. I am the Editor-in-Chief of the academic journal *Competition and Regulation in Network Industries* (Sage) since 2017.
- I have developed, over the past eight years, an expertise about **governance of large urban systems** including the role of digitalization in such governance (e.g., “smart cities”) (www.iglus.org). The program was accredited by EPFL between 2014 and 2022 and has been transferred to Universidad Cristobal Colon in Veracruz, Mexico, as of 2023.
- I have a long-standing research interest in questions of **environment and development**, dating back to the beginning of my academic career. In terms of geographical focus, I have come to be active in Arctic research and advocacy (www.globalarctic.org). The GlobalArctic project is hosted by GCSP, the Geneva Center for Security Policy.

Grants, contracts, and proposals

During my academic career I have raised more than 8 Mio. CHF in research funds for 30 research projects (details upon request).

Student advising

I currently have two PhD students under my supervision at ITÜ. During my career I have advised 27 PhD students, sat on 35 PhD committees, and accompanied 38 master students in their internships and master theses.

Teaching

I am currently teaching one course / year at Istanbul Technical University (ITÜ) on the **regulation of network industries**.

I have been teaching at EPFL between 2003 and 2020 masters (Corporate Governance; Industry Analysis) and PhD courses (Qualitative Research Methods; Industry Regulation) and have received the best teacher award in 2011 and 2020.

The following four **MOOCs** (Massive Open Online Courses) are currently running:

- *Managing Urban Infrastructures*, online as of February 2016 (Coursera and EdX); so far over 30'000 students
- *Smart cities*, online February 2017 (Coursera and EdX); so far over 40'000 students
- *GlobalArctic*, online July 2018 (Coursera); so far over 4'000 students
- *Innovative Governance of Large Urban Systems*, online as of February 2020 (Coursera); so far 6'000 students

Executive Education

I have been very active in Executive Education both as a teacher and as an organizer. During my career, I have developed and successfully conducted 4 executive education programs:

- Executive master in *Electronic Governance* accredited by EPFL, which was running between 2005 and 2011 (6 editions)
- Executive master in *Postal Management* accredited by EPFL, which was running between 2009 and 2011 (3 editions)

- Executive Certificate program on *Governing Energy Transition*, which was accredited by EPFL between 2017 and 2020 (4 editions); I have handed this program over to the University of St.Gallen, where it continues very successfully

In 2014 I have started a global Executive Masters Program on the **Innovative Governance of Large Urban Systems** (IGLUS; www.iglus.org). This program was accredited by EPFL and is currently finishing (8 editions). The program continues under my directorship and is now focusing on research, publications, and short blended certificate courses. It will operate from our new academic basis at Universidad Cristóbal Colón in Veracruz, Mexico (www.ucc.mx).

Organization of stakeholder forums

I have organized numerous stakeholder forums on questions of governance and regulation of network industries, starting with the Florence School of Regulation since 2010 and more recently also as part of my consulting activities with EPFL's Center for Digital Trust (www.c4dt.org).

Since June 2022 I am the president of **Avenir Mobilité**, a membership organization that organizes high-level policy dialogues involving all relevant stakeholders about the future of mobility in Switzerland.

Service

At an academic level, I have been serving and continue to serve in numerous ways, most notably as:

- Editor-in-Chief of the international academic journal *Competition and Regulation in Network Industries* (SAGE; 2017) with its annual conference (since 2012)
- Editor-in-Chief of the online journal *Network Industries Quarterly* (since 1998)
- Member of several editorial boards: Utilities Policy (Elsevier), Sosyoekonomi (Journal of Economics and Administrative Sciences), Zeitschrift für Verkehrswissenschaft, Annals of Public and Cooperative Economics, Journal Transformational Learning, and Global Environmental Politics.

At a professional level, I have been serving as a member of the Swiss Railway regulator (**RailCom**) between 2004 and 2015, as well as a member of the Swiss Federal Electricity regulator (**ElCom**) between 2007 and 2019.

Publications: books (39)

1. *Infrastruktur Schweiz. Ein Erfolgsmodell in Gefahr*. Zürich: NZZ Libro. Forthcoming February 2023
2. *Towards a Smart and Sustainable Single European Transport Area. An assessment of the past 10 years of EU regulation* (co-edited with Juan Montero and Teodora Serafimova) (2022). Florence: European University Institute.
3. *The Elgar Companion to Urban Infrastructure Governance: Innovations, Concepts and Cases* (co-edited with Numan Yanar). Cheltenham: Edward Elgar, 2022.
4. *GlobalArctic – an introduction to the multifaceted dynamics of the Arctic* (co-edited with Gunnar Rekvig). Berlin: Springer, 2022.
5. *The Regulation of Turkish Network Industries* (co-edited with Muzaffer Eroglu). Berlin: Springer, 2021.
6. *A modern guide to the digitalization of infrastructure* (co-edited with Juan Montero). Cheltenham: Edward Elgar, 2021.
7. *The rise of the new network industries: regulating digital platforms* (with Juan Montero). London: Routledge, 2021; Spanish translation: *La regulacion de las nuevas industrias en red. Plataformas digitales en las comunicaciones, transportes y energia*. Madrid: tirant.
8. *Beziehungen unter Strom: Die Schweiz, die Elektrizität und die Europäische Union* (with Paul van Baal). Zürich: Chronos Verlag, 2020
9. *Rail Regulation Handbook* (co-edited with Juan Montero). Cheltenham: Edward Elgar, 2020
10. *Network Industries. A research overview*. London: Routledge, 2020.
11. *SBB – was nun? Szenarion für die Organisation der Mobilität in der Schweiz*. Zürich: NZZ Libro, 2019; traduction française: *Que faire des CFF? Scénarios pour l'organisation de la mobilité en Suisse*.
12. *The Governance of Smart Transportation Systems: new organizational structures for mobility* (co-edited with Maxime Auduoin). Berlin: Springer, 2018.
13. *The GlobalArctic Handbook* (co-edited with Lassi Heininen). Berlin: Springer, 2018.
14. *Air transport liberalization: a critical assessment* (co-edited with Ken Button). Cheltenham: Edward Elgar, 2017.
15. *Towards cognitive cities. Advances in cognitive computing and its application to the governance of large urban systems* (co-edited with Edy Portmann): Berlin: Springer, 2016.
16. *The Routledge Companion on Network Industries* (co-edited with Christian Jaag): London: Routledge, 2015.
17. *Rail economics, regulation and policy in Europe* (co-edited with Pierre Messulam): Cheltenham: Edward Elgar, 2015.
18. *Electronic challenges for postal services* (co-edited with Bernhard Bukovc and Burhan Muqbil): Amsterdam: IOS Press, 2014.

19. *Transport Regulation in Europe* (co-edited with Torben Holvad): Cheltenham: Edward Elgar, 2013.
20. *E-governance: a global journey* (co-edited with Fouzia Sultana). Amsterdam: IOS Press, 2012.
21. *International Handbook of Network Industries. The Liberalization of Infrastructure* (co-edited with Rolf Künneke). Cheltenham: Edward Elgar, 2011.
22. *The Crisis of Global Environmental Governance: Towards a new Political Economy of Sustainability* (co-edited with Jacob Park & Ken Conca). London: Routledge, 2008.
23. *Water and liberalization: European Water Scenarios* (co-edited with Jeremy Allouche and Patricia Manso). London: IWA Publishing, 2006.
24. *The Multi-Governance of Water. Four case studies* (co-edited with Ludivine Tamiotti and Jeremy Allouche). New York: SUNY Press, 2005.
25. *Limits to Privatization: Too much of a good thing* (co-edited with Ernst U. von Weizsäcker and Oran Young). Report to the Club of Rome. London: Earthscan, 2005. Translations into: German, Spanish, Chinese, and many other languages.
26. *Water Privatisation. Transnational Corporations and the Re-regulation of the Water Industry* (co-authored with Jeremy Allouche). London: SPON Press (Francis & Taylor Group), 2002.
27. *Learning Our Way Out: Adult Education at a Crossroads* (co-authored with José Asún). London: Zed Books, 2001. Portuguese edition: A Educação de Adultos numa Encruzilhada. Aprender a nossa saída. Porto: Porto Editora, 2003.
28. *Adult Education and Social Responsibility. Reconciling the Irreconcilable?* (co-edited with Danny Wildemeersch & Theo Jansen). Frankfurt: Peter Lang, 1997.
29. *Du Monopole à la Concurrence: Analyse Critique de l'Évolution de 6 Entreprises Suisses* [From Monopoly to Competition: a Critical Analysis of the Transformation of 6 Swiss Public Enterprises] (co-edited with Serge Pravato and Jean-Noël Rey). Lausanne: L.E.P., 1997. No English translation.
30. *Pour une Nouvelle Approche du Management Public. Réflexions Autour de Michel Crozier* [Toward a New Approach to Public Management. Reflections about Michel Crozier] (co-edited with Bérangère Ruchat). Paris: Seli Arslan, 1997. No English translation.
31. *Les Défis de la Poste* [The challenges to the Swiss Postal Service] (co-authored with Jean-Noel Rey). Lausanne: L.E.P., 1994; German edition: Die Zukunft der Post - Die Post der Zukunft. Zürich: Orell & Füssli, 1994. No English translation.
32. *The Earth Brokers. Power, Politics, and Development* (co-authored with Pratap Chatterjee). London: Routledge, 1994. Japanese and Spanish editions.
33. *Environmental NGOs in World Politics: Linking the Global and the Local* (co-authored with Thomas Princen). London: Routledge, 1994.
34. *The Green Movement Worldwide* (edited). Greenwich CT: JAI-Press, 1992, Supplement 2.
35. *Les Partis Politiques à Coeur Ouvert. Enquête sur l'Élite Partisane Helvétique* [Study of the Swiss Party Elite] (co-authored with U. Ayberk, C., Garcia & P.

- Sciarini). Lausanne: L.E.P., 1991; German edition: *Die Kader der Schweizer Parteien*. Zürich: Seismo Verlag, 1994. No English translation.
36. *L'Homo Politicus à la Dérive? Enquête sur le Rapport des Suisses à la Politique* [The Decline of Political Man?] (co-authored with Pascal Sciarini). Lausanne: L.E.P., 1990. No English translation.
 37. *L'Éducation des Adultes en Suisse* [Adult Education in Switzerland] (co-authored with Pierre Dominicé). Berne: Pro Helvetia, 1990. No English translation.
 38. *Paix, Peace, Pace ... Les Dix Bonnes Raisons d'Adhérer au Nouveau Mouvement pour la Paix* [Peace: the Ten Good Reasons for Joining the New Peace Movement]. Lausanne: L.E.P., 1989. No English translation.
 39. *Apprendre une Issue. L'Éducation des Adultes à l'Âge de la Transformation de Perspective* [Learning at Stake: Adult Education at the Age of Perspective Transformation]. Lausanne: L.E.P., 1989. No English translation.

Publications: Book Chapters (93)

1. Nuclear and hydrogen prospects for the Russian Arctic (with Kolomeytseva, A. and A. Krivorotov). In Salygin, V.I. (ed.) (2022). *Energy of the Russian Arctic. Ideals and Reality*. London: Palgrave MacMillan, pp. 459-477.
2. Network Industries. Schedler, K. (ed.) (2022). *Handbook on Public Management*. Cheltenham: Edward Elgar, pp. 346-349.
3. La régulation des industries de réseaux. In: Schönenberger, A. and M. Zarin-Nejadan (eds.) (2022). *Finances et Politiques Publiques en Suisse*. Genève: Slatkine, pp. 391-415.
4. Agencies regulating network services. In: Maggetti, M. et al. (eds.) (2022). *Handbook on regulatory authorities*. Cheltenham: Edward Elgar, pp.145-159.
5. The long-term impact of the electorate on the Swiss electricity market transition (with Raphael Klein). In: Hettich, P. and A. Kachi (eds.) (2021). *Swiss Energy Governance. Political, Economic and Legal Challenges and Opportunities in the Energy Transition*. Berlin: Springer, pp. 137-158.
6. Regulating the interdependencies of the mobility and electricity sectors (with Paul van Baal) (2021). In: Probst, O., Castellanos, R. & R. Palacios (eds.). *Transforming the grid towards fully renewable energies*. IET, pp. 307-326.
7. Institutions, Organizations, and Technological Innovations: The Dynamic Development of Smart Ticketing Schemes in London's Urban Transportation System (with Maxime Auduoin) (2018). In: Finger, M. and M. Auduoin (eds). *The Governance of Smart Transportation Systems: new organizational structures for mobility*. Berlin: Springer, 2018, chapter 10, pp. 189-206.
8. State-owned enterprises in the Arctic (with Andrey Krivorotov) (2018). In: Finger, M. and L. Heininen (eds.). *The Global Arctic Handbook*. Berlin: Springer, pp. 45-62.

9. Nicht so Good Governance in den Schweizer Netzwerkindustrien, in Kaufmann, R. & S. Rechsteiner (eds.) (2018). *Governance der Energiewende*. Zürich: Stämpfli Verlag, pp. 95-102.
10. Zielkonflikte ei den Stadtwerken (with Susan Mühlemeier), in Kaufmann, R. & S. Rechsteiner (eds.) (2018). *Governance der Energiewende*. Zürich: Stämpfli Verlag, pp. 133-142.
11. What can the South learn from the North regarding the implementation of IoT Solutions in Cities? The case of Seoul-born smart transportation card implementation in Bogota. In: Hostettler, S., Najih Besson, S. and J.-C. Bolay (eds.) (2018). *Technologies for Development*. Berlin: Springer, pp. 165-174.
12. Infrastructures as common pool resources (with Rolf Künneke) (2018). In: Cole, Daniel H., and Michael D. McGinnis (eds.) (2018). *Elinor Ostrom and the Bloomington School of Political Economy: Volume 4, Policy Applications and Extensions*. Lanham, MD: Lexington Books, pp. 233-245.
13. System Dynamics Simulation to Explore Impact of Low European Electricity Prices on Swiss Generation Capacity Investment (with Reinier Verhoog and Paul van Baal). In: Dorsman, A., Ediger., V. and M.B. Kahan (eds.) (2018). *Energy Economy, Financ and Geostrategy*. Berlin: Springer, chapter 3, pp.31-62.
14. The need to evolve Air Traffic Management: Europe as a laboratory? (with M. Baumgartner and E. Zeki) (2017). In: Finger, M. & K. Button (eds.). *Air transport liberalization: a critical assessment*. Cheltenham: Edward Elgar, 2017, pp.339-358.
15. Governing Energy Transitions: Transition Goals in the Swiss Energy Sector (2016) (with Reinier Verhoog). In Arslan-Ayaydin, O., Dorsman, A. & Karan, M.B. (eds.). *Energy, Sustainability and Finance*. Berlin: Springer, chapter 7.
16. European rail policy and regulation (2015). In: Finger, M. and C. Jaag (eds.). *The Routledge Companion on Network Industries*. London: Routledge, pp. 211-224.
17. The Arctic, laboratory of the Anthropocene (2015). In: Heininen, L. (ed.). *Future security of the global Arctic*. New York: Palgrave McMillan, pp. 121-137.
18. Rail economics and regulation (with Pierre Messulam) (2015). In: Finger, M. and P. Messulam (eds.). *Rail economics, policy and regulation*. Cheltenham: Edward Elgar, pp. 1-21.
19. Rail access charges (with Pierre Mesulam) (2015).). In: Finger, M. and P. Messulam (eds.). *Rail economics, policy and regulation*. Cheltenham: Edward Elgar, pp. 323-340.
20. A critical analysis of the potential of the information and communication technologies for democracy and governance. In: Manoharan, A. (ed.). *E-Government and Websites: A Public Solutions Handbook*. Armonk, NY: M.E. Sharpe, 2014, pp. 81-96.
21. What does the Arctic teach us. An epistemological essay on business-government relations. In: Exner-Pirot, H. (ed.). *The 2013 Arctic Yearbook*. Rovaniemi: University of the Arctic. Web publication, 2013.
22. Transnational corporations and the environment. In: Mikler, J. (ed.). *The handbook of global companies*. New York: John Wiley & Sons, 2013, pp. 285-299.

23. 25 years of Arctic environmental agency: changing issues and power relations (with Andrea Finger-Stich). In: Heininen, L. (ed.) (2012). *The 2012 Arctic Yearbook*. Rovaniemi: University of the Arctic, pp. 194-222.
24. Non-state actors in global environmental governance (with David Svarin). In: Dauvergne, P. (ed.). *Handbook on global environmental politics*. Cheltenham: Edward Elgar, 2012, pp.285-297.
25. Towards an European model of regulatory governance? In: Levi-Faur, D. (ed.). *Handbook on the Politics of Regulation*. Cheltenham: Edward Elgar, 2011, pp. 525-535.
26. From "Service Public" to Universal Service (with Dominique Finon). In: Finger, M. & R. Künneke (eds.). *International Handbook on the Liberalization of Infrastructures*. Cheltenham: Edward Elgar, 2011, pp.54-69.
27. Liberalization of the network industries in the European Union: evolving policy issues (with Marc Laperrouza). In: Finger, M. & R. Künneke (eds.). *International Handbook on the Liberalization of Infrastructures*. Cheltenham: Edward Elgar, 2011, pp.345-365.
28. Exploring the future of Wi-Fi (with Pierre Rossel). In: Lemstra W., Hayes, V. & J. Groenewegen (eds.) (2010). *The innovation journey of Wi-Fi. The road to global success*. Cambridge: Cambridge University Press, pp.331-366.
29. Saudi Post innovative address system: integrating electronic and physical platforms (with Farah Abdallah). In: UPU/ITU (eds.) (2010). *ICTs, new services and transformation of the Post*. Berne: Universal Postal Union, pp. 101-116.
30. Transnational Corporations and the Global Environment (with David Svarin). In: Denmark, R. (ed.) (2010). *The International Studies Encyclopedia*. Vol.XI, pp.7149-7169, London: Blackwell.
31. The history of a European information society: shifts from governments to governance (2009) (with Jamal Shahin). In: Tuptimhin, J. & R. Pipe (eds.). *Global e-Governance. Advancing Governance Through Innovation and Leadership*. Amsterdam: IOS Press, pp.62-83.
32. Regulatory practices and the role of technology in network industries: the case of Europe (2009) (with Frédéric Varone). In: Künneke, R. et al. (eds.). *The governance of network industries*. London: Edward Elgar, pp.90-105.
33. Sustainable Global Governance? An organizational and institutional perspective (2008). In: Park, J. Finger, M. & K. Conca (eds.). *The Crisis of Global Environmental Governance: Towards a new Political Economy of Sustainability*. London: Routledge.
34. CIO in Europe (2007). In: Obi, T. (ed.). *E-Governance: a Global Perspective on a Paradigm*. Amsterdam: IOS Press, pp.152-155.
35. Water Privatization: Reasons, characteristics, Difficulties, and Lessons (with Jeremy Allouche), in: Hahn, H., Hoffmann, E. & H. Odegaard (eds.) (2007). *Chemical Water and Wastewater Treatment*. London : IWA Publishing, pp. 11-24.
36. FAO – World Food Organization. Entry in Robertson, R. & A.R. Scholte (eds.) (2006). *Encyclopedia of Globalization*. New York: Routledge.

37. Du gouvernement électronique à la gouvernance électronique: le rôle des technologies de l'information et de la communication dans la réforme du secteur public (2006) [From electronic government to electronic governance]. In: Chappelet, J.-L. (ed.). *Contributions à l'action publique*. Berne: Haupt; Lausanne: Presses Universitaires Romandes, pp. 89-102.
38. De- und Re-Regulierung der Netzwerkindustrien: Wohin geht die Reise? [De- and reregulating the network industries: how does the future look like?] In: Schaffhauser, R., Locher, H. & T. Poledna (eds.) (2006). *Das Gesundheitswesen – Motor von Wohlbefinden und Wohlstand*. University of St. Gallen, Schriftenreihe des Instituts für Rechtswissenschaft und Rechtstpraxis, Band 37, pp.75-78.
39. Electronic Governance (with Thomas Langenberg). Entry in Anttiroikko, A.-V. & M. Mälkiä (eds.) (2006). *Encyclopedia of Digital Government*. Volume II E-H. Hershey: Idea Group Reference, pp. 629-633.
40. Globalization (2005). In: English, L. (ed.). *Encyclopoedia of Adult Education*. New York: PalgraveMcMillan, pp. 269-273.
41. Limits to Privatization (with E.-U. Von Weizsäcker and O. Young). In: von Weizsäcker, E., Young, O. & M. Finger (eds.) (2005). *Limits to Privatization. How to avoid too much of a good thing*. London: Earthscan, pp. 3-14.
42. Privatization in G7 countries. In: von Weizsäcker, E., Young, O. & M. Finger (eds.) (2005). *Limits to Privatization. How to avoid too much of a good thing*. London: Earthscan, pp. 201-206.
43. Privatization of the infrastructures. In: von Weizsäcker, E., Young, O. & M. Finger (eds.) (2005). *Limits to Privatization. How to avoid too much of a good thing*. London: Earthscan, pp. 228-234.
44. The top public service transnational corporations. In: von Weizsäcker, E., Young, O. & M. Finger (eds.) (2005). *Limits to Privatization. How to avoid too much of a good thing*. London: Earthscan, pp. 239-245.
45. Regulation. In: von Weizsäcker, E., Young, O. & M. Finger (eds.) (2005). *Limits to Privatization. How to avoid too much of a good thing*. London: Earthscan, pp. 291-297.
46. Lessons learned from Privatization (with E.-U. Von Weizsäcker and O. Young). In: von Weizsäcker, E., Young, O. & M. Finger (eds.) (2005). *Limits to Privatization. How to avoid too much of a good thing*. London: Earthscan, pp. 351-362.
47. Educação de adultos e o futuro da sociedade (2005). In: Canário, R. & B. Cabrito (eds.). *Educação e formação de adultos*. Lisboa: Educa, 15-30.
48. Pricing the last mile in the postal sector (with Cátia Felisberto, Beat Friedli, Daniel Krähenbühl and Urs Trinkner) (2005). In: Crew, M.A. & P.R. Kleindorfer (eds.). *Progress toward Liberalization of the Postal and Delivery Sector*. New York: Springer, pp.227-248.
49. Global Governance through the Institutional Lense (2005). In: Lederer, M. & P. Müller (eds.). *Criticizing Global Governance*. New York: Palgrave, pp.145-159.
50. Regulation in liberalized energy sectors: introduction and concepts (with C. Genoud and M. Aarentsen). In: Finon, D. & A. Midttun (eds.) (2004). *Reshaping*

- European Gas and Electricity Industries: Regulation, Markets, and Business Strategies*. Amsterdam: Elsevier, pp. 13-28.
51. Electricity regulation in Europe (with C. Genoud). In: Finon, D. & A. Midttun (eds.) (2004). *Reshaping European Gas and Electricity Industries: Regulation, Markets, and Business Strategies*. Amsterdam: Elsevier, pp. 29-68.
 52. Energy regulation: convergence through multi-level technocracy (with C. Genoud and M. Aarentsen). In: Finon, D. & A. Midttun (eds.) (2004). *Reshaping European Gas and Electricity Industries: Regulation, Markets, and Business Strategies*. Amsterdam: Elsevier, pp. 111-128.
 53. The New Water Paradigm: The Privatization of Governance and the Instrumentalization of the State. In: Levy, D. & P. Newell (eds.) (2004). *The Business of Global Environmental Governance*. Cambridge Mass.: MIT Press, pp. 275-304.
 54. La Banque Mondiale, la privatisation de la gestion de l'eau, et l'émergence des multinationales de service public [The World Bank, water privatisation, public services TNCs]. In Mappa, S. (ed.) (2003). *La Coopération Internationale face au Libéralisme*. Paris: Karthala, pp.191-212.
 55. Verwaltungsreform und Politik: Wie kann die Politik auch gewinnen? [Administrative Reform and Politics] In: Schedler, K. & D. Kettiger (eds.) (2003). *Modernisieren mit der Politik*. Bern: Haupt.
 56. The Transformation of International Public Organizations: The Case of UNCTAD (with Bérangère Ruchat). In: Dijkzeul, D. & Y. Beigbeder (eds.) (2003). *Rethinking International Organizations: Pathology and Promise*. New York: Berghahn Books, pp.140-165; new updated version to be published in 2010.
 57. e-governance in Europe. In: EGRI (ed.) (2002). *E-Government: Issues and Challenges*. Seoul: e-government Research Institute, pp.347-377.
 58. The Instrumentalization of the State by Transnational Corporations: the Case of Public Services. In: Fuchs, D. & F. Kratochwil (eds.) (2002). *Transformative Change and Global Order: Reflections on Theory and Practice*. Hamburg: LIT Verlag/Palgrave, pp.133-156.
 59. The Emerging Linkage Between the WTO and the ISO: Implications for Developing Countries (with Ludivine Tamiotti). In Newell, P., Rai, S. & A. Scott (eds.) (2002). *Development and challenge of globalisation*. London: ITDG Publishing, pp. 89-101.
 60. Dynamique de la Nouvelle Gestion Publique et Rôle du Parlement (Dynamics of New Public Management and the Role of the Parliament). In: Bellanger, F. & T. Tanquerel (eds.) (2002). *Les contrats de prestations*. Genève: Helbling und Lichtenhahn, pp. 95-104.
 61. Etat et NTICs [The State and the new information and communication technologies]. In: Vodoz, L. (ed.). *NTIC et territoires*. Lausanne: Presses polytechniques et universitaires romandes, 2001, pp. 339-356.
 62. Du Service Public au Service Universel (From public to universal service). In Blindenbacher, R. et al. (eds.) (2000). *Vom Service Public zum Service au Public*. Zürich: NZZ Verlag, pp.205-212.

63. Administrative versus political reform? In search of the missing link in Switzerland (with Christophe Genoud). In: Knoepfel, P. & W. Linder (eds.) (2000). *Verwaltung, Regierung, und Verfassung im Wandel. Gedächtnisschrift für Raimund Germann*. Basel: Helbling & Lichtenhahn, pp. 233-248.
64. Managing Trade in a Globalizing World: Trade in Public Services and Transnational Corporations – the Case of the Global Water Industry (co-authored with Emanuele Lobina). In: Taylor, A. & C. Thomas (eds.) (1999). *Global Trade and Global Social Issues*. London: Routledge, pp. 170-196.
65. Learning Our Way Out. Die Rolle der Erwachsenenbildung in der heutigen gesellschaftlichen und oekologischen Krise [Adult Education in Today's Social and Ecological Crisis]. In: Egger, R. & W. Grilz (eds.) (1999). *Bildung an der Grenze. Erwachsenenbildung im Uebergang*. Wien: Leykam, pp. 96-116.
66. The Concept of the "Learning Organization" Applied to the Transformation of the Public Sector. (with Silvia Bürgin Brand). In: Easterby-Smith, M., Burgoyne, J., & L. Araujo (eds.) (1999). *Organizational Learning and the Learning Organization. Developments in Theory and Practice*. London: Sage, pp. 130-156.
67. The Swiss Postal Law of 1998: Is it Worth the Monopoly Protection? (with Colette Friedli) (1999). In: Crew, M. & P. Kleindorfer (eds.). *Emerging Competition in Postal and Delivery Services*. Dordrecht: Kluwer Academic Publishers, pp. 31-42.
68. Public Management Qualifikationen für öffentliche Unternehmen und Verwaltungen [Public Management Qualifications for Public Enterprises and Administrations] (co-authored with B. Uebelhart). In: Schedler, K. & C. Reichard (eds.) (1998). *Die Ausbildung zum Public Manager*. Bern: Haupt, pp. 15-38; French version: Qualifications en Matière de Gestion Publique pour les Entreprises et les Administrations Publiques. In: Emery, Y. (ed.) (1998). *Les Cadres Dirigeants dans les Services Publics du XXIème Siècle*. Berne: Publication de la Société Suisse des Sciences Administratives, Vol. 37, pp. 97-122; also published in: Uebelhart, B. & D. Giaucque (eds.) (1998). *Transformation dans le Secteur Public*. Lausanne: L.E.P., pp. 15-35.
69. Reconciling the Irreconcilable? Adult and Continuing Education Between Personal Development, Corporate Concerns and Public Responsibility (co-authored with Danny Wildemeersch and Theo Jansen). In: Wildemeersch, D., Finger, M. & T. Jansen (eds) (1997). *Adult Education and Social Responsibility*. Frankfurt: Peter Lang, pp. 1-25.
70. New Public Management: Etat, Administration et Politique [New Public Management: State, Administration, and Politics (with Bérange Ruchat). In: Finger, M. & B. Ruchat (eds.) (1997). *Pour une Nouvelle Approche du Management Public. Réflexions Autour de Michel Crozier*. Paris: Seli Arslan, pp. 33-56.
71. Apprendre le Changement dans le Secteur Public [Learning to Change in the Public Sector] (with Silvia Bürgin). In: Finger, M. & B. Ruchat (eds.) (1997). *Pour une Nouvelle Approche du Management Public. Réflexions Autour de Michel Crozier*. Paris: Seli Arslan, pp. 191-212.

72. Nationalstaat und Globalisierung -- Kritische Überlegungen zur Zukunft des Nationalstaates im Zeitalter der Globalisierung [Globalization and the Nation-State: Reflections on the Future of the Nation-State]. In: von Weizsäcker, E.-U.(ed.). (1997). *Grenzen-los? Jedes System braucht Grenzen - aber wie durchlässig müssen diese sein?* Basel: Birkhäuser Verlag, pp. 58-69.
73. Une Mise en Perspective de la Critique de l'Écologie Politique de Bernard Charbonneau [A Critical Look at Bernard Charbonneau's Political Ecology] (with Andrea Finger-Stich). In: Prades, J. (ed.) (1997). *Bernard Charbonneau: une Vie Entière à Dénoncer la Grande Imposture*. Paris: Erès, pp. 159-170.
74. Illusions et Désillusions de l'Approche Biographique en Education des Adultes [Illusions and Disillusions of the Biographical Method in Adult Education]. In: Desmarais, D. & J.-M. Pilon (eds.) (1996). *Pratiques des Histoires de Vie. Au Carrefour de la Formation, de la Recherche et de l'Intervention*. Paris: L'Harmattan, pp. 25-42.
75. Umweltbezogene Lernprozesse in Organisationen [Organizational Learning Processes in Environmental Matters] (with S. Bürgin & U. Haldimann). In: Kaufmann-Hayoz, R. & A. Di Giulio (eds.) (1996). *Umweltproblem Mensch? Humanwissenschaftliche Zugänge zu umweltverantwortlichem Handeln*. Bern: Haupt, pp. 325-350.
76. Ansätze zur Förderung von organisationalen Lernprozessen im Umweltbereich [Fostering Environmental Organizational Learning] (with S. Bürgin & U. Haldimann). In: Roux, M. & S. Bürgin (eds.) (1996). *Förderung von umweltbezogenen Lernprozessen in Schulen, Unternehmen und Branchen*. Basel: Birkhäuser Verlag, pp. 43-70.
77. Le Service Public à l'Age de la Globalisation. Dynamiques Organisationnelles et Processus d'Apprentissage dans les Entreprises et les Administrations Publiques [Public Service in the Age of Globalization] (with Eric Rossiaud). In: Decoutère, S., Ruegg, J. & D. Joye (eds.) (1996). *Le Management Territorial. Pour une Prise en Compte des Territoires dans la Nouvelle Gestion Publique*. Lausanne: Presses Polytechniques Romandes, pp. 107-120.
78. Steps Toward the Learning Organization. The Swiss Postal Service (with S. Bürgin). In: Watkins, K. & V. Marsick (eds.) (1996). *In Action: Creating the Learning Organization*. Washington: American Society for Training and Development, pp. 251-264.
79. Anforderungen an das lernende Unternehmen heute und in der Zukunft: Das Beispiel der Post PTT [The Swiss Postal Service as a Learning Organization]. In: Beck, U. & W. Sommer (Eds.) (1995). *Learntec: Europäischer Kongress für Bildungstechnologie und betriebliche Bildung*. Berlin: Springer Verlag, pp. 119-136.
80. Learning Our Way Out: Indicators of Social Environmental Learning (with J. Kilcoyne). In: Trzyna, T. (ed.) (1995). *A Sustainable World. Defining and Measuring Sustainable Development*. Gland: IUCN; London: Earthscan, pp. 239-245.

81. Umgang mit Veränderungen in Organisationen [Addressing Organizational Change] (with Andi Hoffmann). In: Arnold, R. & H. Weber (eds) (1995). *Weiterbildung und Organisation. Zwischen Organisationslernen und lernenden Organisationen*. Berlin: Erich Schmidt Verlag, pp. 143-158.
82. Jack Mezirow: Auf der Suche nach einer Theorie des Lernens Erwachsener [Jack Mezirow: a Theory of Adult Learning] (with Victoria Marsick). In: Brugger, E. and R. Egger (eds.) (1994). *Querdenken. ErwachsenenbildnerInnen im 20. Jahrhundert*. Vienna: Verband Wiener Volksbildung.
83. Global Environmental Degradation and the Military. In: Käkönen, J. (ed.). *Green Security or Militarized Environment*. Aldershot: Dartmouth Publishing, pp. 169-192.
84. Politics of the UNCED Process, in Sachs, W. (ed.) (1993). *Global Ecology. A new Arena of Political Conflict*. London: Zed Books, pp. 36-48.
85. Adult Education in Switzerland. In: Jarvis, P. (ed.) (1992). *Perspectives on Adult Education and Training in Europe*. Leicester: The National Institute of Adult Continuing Education, pp. 170-177. Updated version of April 1996 for a second edition.
86. New Horizons for Peace Research: the Global Environment. In Käkönen, J. (ed.) (1992). *Perspectives on Environmental Conflict and International Politics*. London/New York: Pinter Publ., pp. 5-30.
87. Erwachsenenbildung in der Deutschschweiz: Elemente einer Theorie der Erwachsenenbildner [Adult Education in Switzerland: Theoretical Elements of Adult Educators] (with Hubert Bausch). In Brugger, E. (ed.) (1991). *Engagement, Hobby oder Karriere?*. Wien: Picus Verlag, pp. 99-124.
88. European Values after the 'Euromissile Crisis'. In Harle, V. (ed.) (1990). *European Values in International Relations*. London: Pinter Publ., pp. 166-191.
89. The New Peace Movement and its Conception of Political Commitment. In Kodama, K. & U. Vesa (eds.) (1990). *Towards a Comparative Analysis of Peace Movements*. Aldershot: Dartmouth, pp. 217-234.
90. Les Implications Socio-Epistémologiques de la Méthode Biographique [Socio-Epistemological Implications of the Biographical Method]. In Pineau, G. & G. Jobert (eds.) (1998). *Histoires de Vie*. Paris: L'Harmattan, pp. 241-249.
91. Fragen an die universitäre Erwachsenenbildung. Wohin mit der Umwelt? [Environmental Adult Education at the University Level]. In Criblez, L. et al. (1989). *Ist Ökologie lehrbar?* Bern: Zytglogge Verlag, pp. 115-120.
92. Gaia: Implications for the Social Sciences. In Bunyard, P. & E. Goldsmith (eds.) (1988). *Gaia. The Thesis, the Mechanism and the Implications*. Camelford: Wadebridge Ecological Center, pp. 201-216. (Italian edition: Como: Red Edizioni, 1992).
93. Heinz Moser's Action Research: Critical Reflections on his Position. In Kemmis, S. & McTaggart (eds.) (1987). *The Action-Research Reader*, Geelong, Australia, Deakin University Press.

Publications: peer-reviewed articles (97)

1. Sustainable energy, food and water systems: sector coupling, regulatory convergence and climate change (with R. Fuentes, L. Hunt, B. Manzano, J. Montero and N. Nezamuddin) (forthcoming)
2. Infrastructure potential of the Russian Arctic land territories (with Stepanova, V., Grigorishchin, A., Yakhyaev, D. & T. Khairova) (forthcoming)
3. Research on the Impact of Urban Rail Transit on the Financing Constraints of Enterprises from the Perspective of Sustainability (with Yang, R.; Tjia, L.Y.-n.). *Sustainability* 2021, 13, 10543. <https://doi.org/10.3390/su131910543>
4. Regulating digital platforms as the new network industries (with Juan Montero). *Competition and Regulation in Network Industries*, 2021, Vol. 22, No.2, pp.111-126.
5. The energy-mobility system in transition: the case of the Swiss Federal Railways (with Paul van Baal), *Competition and Regulation in Network Industries*, 2020, Vol.21, issue 4, pp. 367-379.
6. Governance von Staatsunternehmen im Zeitalter der Liberalisierung. *Jahrbuch Verwaltungsorganisationsrecht – Staatshaftungsrecht – Öffentliches Dienstrecht*, 2018-2019, pp.11-124.
7. Empower or Thwart? Insights from Vienna and Helsinki regarding The role of public authorities in the development of MaaS schemes (with Maxime Audouin). *Transportation Research Procedia*, 2019, Vol. 41, pp. 1-16.
The effect of European integration on Swiss Energy Policy and Governance (with Paul van Baal). *Politics and Governance*, 2019, Vol. 7, Issue 1, pp.6-16.
8. Strategic Objectives for State-owned Enterprises as a Means to Mitigate Political Interference: An Empirical Analysis of Two Swiss State-owned Enterprises (with Fabian Liechti). *Annals of Public and Cooperative Economics*, 2019, Vol. 90, No. 3, pp. 513-534.
9. Smart governance for smart cities (with Mohamad Razaghi). *Proceedings of the IEEE*, 2018, 106 (4), pp. 680-689.
10. The development of Mobility-as-a-Service in the Helsinki metropolitan area: a multi-level governance analysis (with Maxime Audouin) (2018). *Research in Transportation Business and Management*.
<https://doi.org/10.1016/j.rtbm.2018.09.001>
11. The „Global Arctic” as a new geopolitical context and method (with Lassi Heininen). *Journal of Borderland Studies*, 2018, 33(2), pp.199-202.
12. Platformed! Network Industries and the New Digital Paradigm (with Juan Montero). *Competition and Regulation in Network Industries*, 2017, Vol.18, Nos.3&4, pp. 217-239.
13. What future for the Post Office Network (with Christian Jaag). *Competition and Regulation in Network Industries*, 2017, Vol.18, Nos.3&4, pp. 153-174.
14. Conceptualizing “Smart Cities” (with Mohamad Razaghi). *Informatik Spektrum*, Vol.40, No.1, 2017, pp. 6-13.

15. Major public enterprises in Switzerland (with Carole Rentsch and Philippe Sulger) (2017). *Economia Pubblica*, No.3, pp.51-88.
16. Smart cities – ein Überblick (with Edy Portmann) (2015). *Praxis der Wirtschaftsinformatik*, Band 52, Heft 4, August, pp. 470-481.
17. Yes, No, Maybe: the ambiguous relationship between State-Owned Enterprises and the State (with Carole Rentsch) (2015). *Annals of Public and Cooperative Economics*, Vol.86, No.4, pp.617-640.
18. Towards becoming an emerging country with a performing electricity sector. The case of Cameroon (with Nicolas Crettenand) (2015). *Competition and Regulation in Network Industries*, Vol.16, No.2, pp.129-154.
19. The alignment framework (with Nicolas Crettenand and Walter Lemstra) (2015). *Competition and Regulation in Network Industries*, Vol.16, No.2, pp. 89-105.
20. EU Transport Policy. *Transportation and Economy*, Vol.75, No.5, May 2015, pp. 4-9.
21. Stability of the classifications of returns to scale in data environment analysis: case study of the set of public postal operators (with Predrag Ralevic, Momcilo Dobrodolac and Dejan Markovic). *Acta Polytechnica Hungarica*, Vol.11., No.8., 2014, pp. 177-196.
22. The challenges of imperfectly unbundled TSOs: can corporate governance or regulatory action mitigate such imperfection? (with A. d'Arcy) *Competition and Regulation in Network Industries*, Vol.15, No.2, June 2014, pp.117-137.
23. Integrated Timetables for Railway Passenger Transport Services (with Sonia Strube Martins, Andreas Haller and Urs Trinkner). *Competition and Regulation in Network Industries*, Vol.15, No.1, March 2014, pp.78-106.
24. The Single European Sky gridlock: a difficult 10 year reform process (with Marc Baumgartner). *Utilities Policy*, 31 (2014), pp. 289-301.
25. Governance of Competition and Performance in European Railways: an analysis of five cases. *Utilities Policy*, 31 (2014), pp. 278-288.
26. A post-2020 EU energy technology policy: Revisiting the Strategic Energy Technology Plan (with Sophia Ruester and Sebastian Schwenen). *Energy Policy*, 66 (2014), pp.209-217.
27. A Strategic Energy Technology Policy towards 2050: No-regret Strategies for European Technology Push (2013) (with Sebastian Schwenen, Sophia Ruester and Jean-Michel Glachant). *Journal of Energy Technology and Policy*, Vol.9, No.2, pp.160-174.
28. Review of electricity sector reform in five large, oil- and gas-exporting MENA countries: current status and outlook (2013) (with Ralf Dyllick-Brenzinger). *Energy Strategy Reviews*, Vol.2, No.1, pp.31-45.
29. The alignment between institutions and technologies in network industries (2013) (with Nicolas Crettenand). *Competition and Regulation in Network Industries*, Vol.14, No.2, pp. 106-129.
30. Towards legitimate water governance? The partially privatized Berlin waterworks (with Eva Lieberherr and Andreas Klinke) (2012). *Public Management Review*. Vol.14, Issue 7, pp. 923-946.

31. Competition effects in a liberalized railway market (2012) (with Markus Lang and Marc Laperrouza). *Journal of Industry, Competition and Trade*, Vol.13, No.3, pp. 375-398.
32. What role for government in e-government? (2010) *Journal of e-governance*, Vol.33, No.4, pp.199-204.
33. Regulatory Governance Costs in Network Industries: Observations in Postal Regulation (2010) (with Martin Mägli & Christian Jaag). *Competition and Regulation in Network Industries*, Vol.11, No.2, pp. 207-237.
34. Coûts de la regulation des industries de réseaux: enseignements du secteur postal [Regulatory costs in the network industries] (2009) (with Martin Mägli & Christian Jaag). *Revue d'Economie Industrielle*, No.127, pp.47-68.
35. Reforms in the urban water sector: vulnerability analysis of the main elements at risk (2009) (with Patricia Manso). *Competition and Regulation in Network Industries*, Vol.10, No.2, pp.115-138.
36. Worksharing and Innovation in the American Postal Sector (2008) (with Cátia Felisberto). *Competition and Regulation in Network Industries*, Vol.9, No.4, pp. 319-340.
37. Water sector evolution scenarios: the case of Europe (2008) (with Jeremy Allouche and Patricia Manso). *Water Policy*, Vol.10., No.3, pp. 221-238.
38. Moving Beyond the Technological Neutrality Myth: the ICTs and Power in Public Administrations (2008) (with Philipp Zimmermann & Philipp Müller). *International Journal of Electronic Governance*, Vol.1, No.2, pp.215-230.
39. The effect of entry regulation on process innovation in the Swiss mail sector (2008) (with Helmut Dietl, Cátia Felisberto, Andreas Grütter, Martin Lutzenberger). *Swiss Journal of Economics and Statistics*, Vol. 144 (1), pp.37-55.
40. Technology matters: the cases of the liberalization of electricity and railways (2007) (with Rolf Künneke). *Competition and Regulation in Network Industries*, Volume 8, No.3, pp.301-333.
41. Entre commande et veille – reaction (2007), *Revue Internationale de Recherches en Education et Formation des Adultes*, Vol.17, pp. 59-64.
42. “Mobile” e-government options: between technology-driven and user centric (with Pierre Rossel and Gianluca Misuraca) (2007). *The Electronic Journal of e-Government*, Vol.4, Issue 2, pp.79-86.
43. A fuzzy-based approach for strategic choices in energy supply. The case of a Swiss power provider on the eve of electricity market opening (2007) (with Gustave Nguene). *Engineering Applications of Artificial Intelligence*, Vol.20, Issue No.1, pp.37-48.
44. The postal network between competition and Universal Service provision: possible scenarios for its evolution (2006). *Competition and Regulation in Network Industries*, Vol.1, No.1, pp. 29-48.
45. Bringing technical systems back in: towards a new European model of regulating the network industries (with Frédéric Varone) (2006). *Competition and Regulation in Network Industries*, Vol. 1, No.1, pp. 89-108.

46. Information and Communication Technology (ICT) and Local Power relationships: An Impact Assessment (2005) (with Philipp Zimmermann). *Electronic Journal of e-Government*, Vol. 3, Issue 4, pp.231-240.
47. The quest for coherence between institutions and technologies in infrastructures [with John Groenewegen & Rolf Künneke] (2005). *Journal of Network Industries*, Vol.6, No.4, pp.227-260.
48. Air transport regulation under transformation: the case of Switzerland (with Michel Piers) (2005), *Journal of Air Transportation*, Vol.10, No.2, pp.20-32.
49. Marchés de l'électricité et stratégies des opérateurs: vers une régulation technocratique multiniveaux [Electricity markets and operators' strategies: towards multi-level technocratic regulation] (with Christophe Genoud) (2003). *Politiques et Management Public*, Vol. 21, No.3, pp. 21-38.
50. De la transformation de l'Etat à la gouvernance électronique [From State Transformation to Electronic Governance] (2003). *Les Cahiers du CREMOC* (Centre de Recherche sur L'Europe et le Monde Contemporain), special issue.
51. From e-government to e-governance? Towards a model of e-governance (2003) (with Gaëlle Pécoud). *Electronic Journal of e-Government*, Vol. 1, pp 1-10.
52. Water resources management in a globalized economy: towards a multi-level regulatory approach (with Jeremy Allouche and Patricia Manso) (2003). *Economia e politica industriale*, No.116, pp. 217-232.
53. State versus Participation: Natural Resources Management in Europe (with Andréa Finger-Stich) (2003). *International Institute for Environment and Development (IIED) / Institute for Development Studies (IDS) Institutionalising Participation Series* (Series Editor: Michel Pimbert), 49 pages; French edition published 2004.
54. Rio plus ten years of globalization (2002). *Politics and the Life Sciences*, September, Vol.21., No.2, pp.51-52.
55. Genèse, actualité et avenir du Service Public en Suisse et en Europe [Past, present, and future of public services in Switzerland and Europe]. *Revue Economique et Sociale*, Vol.60, Spetember 2002, pp. 123-134.
56. Towards institutionalized governance? The case of the local/global water sector (with Christophe Genoud). *Journal of Contemporary Issues in Business and Government*, Vol.8, No.2, 2002, pp.27-63.
57. Converging towards "Multi-Utilities"? *European Business Forum*, Issue No.9, Spring 2002, pp.24-25.
58. A critical analysis of power in organizational learning and change (with Jean-Yves Mercier and Silvia Bürgin Brand). *Administrative Studies*, Vol.20, No.2, June 2001, pp.107-119.
59. Constraints to organizational change processes regarding the introduction of organic products: case findings from the Swiss food industry (with Simone Maier). *Business Strategy and Environment*, Vol.10, 2001, pp.89-99.
60. Environmental Organisations: Changing Roles and Functions in Global Politics (with Ludivine Tamiotti). *Global Environmental Politics*, Vol.1, No.1, February 2001, pp.56-76.

61. Globalization versus Environment: The World Bank's Contradictory Thoughts on Establishing a Sustainable Water Resources Management Policy [with Jeremy Allouche]. *Global Environmental Politics*, Vol.1, No.2, May 2001, pp.42-47.
62. Privatisations et propriété publique [Privatization and public ownership] (with Christophe Genoud). *L'Expert-Comptable*, Vol. 74, No. 3, March 2000, pp.215-219.
63. Teaching Public Administration in Switzerland. *Public Administration*, Vol. 77, No. 3, 1999, pp. 657-661.
64. New Global Regulatory Mechanisms and the Environment: the Emerging Linkage Between the WTO and the ISO (with Ludivine Tamiotti). *IDS (Institute for Development Studies) Bulletin*, Vol. 30, No. 3, July 1999, pp. 8-15.
65. Néolibéralisme Contre Nouvelle Gestion Publique [Neoliberalism versus New Public Management]. *Nouveaux Cahiers de l'IUED*, Geneva, No. 8, 1998, pp. 57-76.
66. Peoples' Perspectives on Globalization. *Development*, Vol. 40., No. 2, Spring, 1997, pp. 15-20.
67. Le Rôle du Parlement en Matière de New Public Management (The Role of the Parliament in New Public Management). *L'Expert-comptable Suisse*, No. 1-2, 1997, pp. 41-46; German version: Die Rolle des Parlaments im New Public Management. *Der Schweizer Treuhänder*, No. 1-2, 1997, pp. 47-52]
68. Environmental NGOs: Carving out a New Niche (with Tom Princen). *Ecodecision*, No. 22, Autumn, 1996, pp. 26-29.
69. Théorie et Pratique de l'Organisation en Apprentissage Permanent Dans le Secteur Public [Theory and Practice of the Learning Organization in the Public Sector] (with Jean-Noël Rey). *Revue Européenne des Sciences Sociales*, Tome XXXIV, No. 106, 1996, pp. 193-218.
70. Der umweltbezogene Lernprozess: Lernschritte von Unternehmen in Richtung Nachhaltigkeit (Environmental Learning Processes in Enterprises) (with Silvia Bürgin & Ueli Haldimann). *UmweltWirtschaftsForum*, No. 4/3, 1996, pp. 21-28.
71. New Public Management -- un Débat Manqué (New Public Management – A Missed Opportunity). *Swiss Political Science Review*, Vol. 1, No. 1, 1996, pp. 138-143.
72. Promoteurs Globaux - Résistance Locale: l'Ingérence au Quotidien [Global Promoters - Local Resistance]. *Nouveaux Cahiers de l'IUED*, Geneva, No. 3, 1995, pp. 75-86.
73. Nongovernmental Organizations in World Environmental Politics (with Tom Princen and Jack Manno). *International Environmental Affairs*, Vol. 7, No. 1, 1995, pp. 42-58.
74. Learning Our Way Out: A Conceptual Framework for Social-Environmental Learning (with Philomene Verlaan). *World Development*, Vol. 23, No. 3, 1995, pp. 503-513.
75. Adult Education and Society Today. *International Journal of Lifelong Education*, Vol. 14, No. 2, 1995, pp. 110-119.

76. From Knowledge to Action? Exploring the Relationship Between Environmental Experiences, Learning and Behavior. *Journal of Social Issues*, Vol. 50, No. 3, 1994, pp. 141-160.
77. Does Environmental Learning Translate into More Responsible Behavior? *Environmental Strategy*, No. 5, February, 1993, pp. 17-18.
78. Wie es zur biographischen Methode in der Erwachsenenbildung kam [How the Biographical Method in Adult Education Came to be]. *Education Permanente*, No. 1, 1992, pp. 8-11.
79. Green Politics in Switzerland: Environmental Attitudes and Political Parties (with Simon Hug), *European Journal of Political Research*, No. 21, 1992, pp. 289-306.
80. Les Dimensions de l'Espace Politique Suisse et l'Intégration de la 'Nouvelle Politique Ecologique' [Dimensions of Political Space in Switzerland and the Integration of 'New Politics' into 'Old Politics'] (with Pascal Sciarini). *Revue Française de Science Politique*, Vol. 41, No. 4., August, 1991, pp. 537-559.
81. Can Critical Theory Save Adult Education from Post-Modernism. *Canadian Journal for the Study of Adult Education, Special Issue*, Vol. IV, No. 1, 1991, pp. 133-144.
82. Integrating 'New Politics' into 'Old Politics'. The Example of the Swiss Party Elite (with Pascal Sciarini). *West European Politics*, Vol. 14, No. 1, 1991, pp. 98-122.
83. Does Adult Education Need a Philosophy? *Studies in Continuing Education*, Vol. 12, No. 2, 1990, pp. 99-106.
84. The Subject-Person of Adult Education in the Crisis of Modernity. *Studies in Continuing Education*, Vol. 12, No. 1, 1990, pp. 24-30.
85. L'Ecologie Dans l'Education des Adultes: Où, Pourquoi, Comment et Pourquoi les Adultes se Forment-ils à l'Ecologie? *Education Permanente* (CH), No. 4, 1990, pp. 205-207.
86. Typologie der ErwachsenebildnerInnen der Deutschschweiz. Eine biographische Forschung [Typology of Swiss German adult educators] (with Hubert Bausch). *Pädagogische Rundschau*, No. 44, 1990, pp. 193-207.
87. La Réflexion et les Mouvements Ecologistes en Europe. Essai d'un Bilan des Années 1980 [Ecological movements in Europe]. *Cadmos*, No. 49, 1990, pp. 91-102.
88. Apprentissage Expérientiel ou Formation par les Expériences de Vie? La Contribution Allemande au Débat sur la Formation Expérientielle [Experiential learning - the German Perspective]. *Education Permanente* (F), Nos. 100/101, 1989, pp. 39-46.
89. The Biographical Method in Adult Education Research. *Studies in Continuing Education*, Vol. 11, No. 1, 1989, pp. 33-42.
90. Environmental Adult Education from the Perspective of the Adult Learner. *Convergence*, Vol. XXII, No. 4, 1989, pp. 25-32.
91. New Social Movements and their Implications for Adult Education. *Adult Education Quarterly*, Vol. 40, No. 1, Fall, 1989, pp. 15-22.
92. L'Approche Biographique Face aux Sciences Sociales: le Problème du Sujet Dans la Recherche Sociale [The Biographical Approach in the Social Sciences: the

- Problem of the Subject in Social Research]. *Revue Européenne des Sciences Sociales*, Vol. XXVII, No. 83, 1989, pp. 217-243; italian translation: *La Critica Sociologica*, No. 90-91, 1989, pp. 1-32.
93. La Recherche-Formation en Education des Adultes: de l'Institution à la Personne et Retour [Formative Research in Adult Education: From the Institution to the Person and Back]. *Revue Suisse de Sociologie*, No. 14, 1988, pp. 521-531.
94. Le Parti Socialiste Suisse Face à la Société Industrialisée Avancée [The Swiss Socialist Party Facing Post-Industrial Society] (with Jean-Noël Rey). *Annuaire Suisse de Science Politique*, No. 26, 1986, pp. 257-272.
95. La Méthode Biographique et les Problèmes Epistémologiques de la Civilisation Occidentale [The Biographical Method and the Epistemological Problems of Western Civilization]. *Education Permanente* (F), Nos. 72-73, 1984, pp. 48-58.
96. Formation des Adultes et Epistémologie des Sciences Humaines [Adult Education and the Epistemology of the Human Sciences]. *Pratiques de Formation*, No. 4, 1982, pp. 37-44.
97. L'Absence de Réflexions Ecologiques en Science Politique [The Absence of Epistemological Considerations in Political Science]. *Annuaire Suisse de Science Politique*, Vol. 21, 1981, pp. 335-352.

Other publications

I have published well over 100 non-peer-review articles, working papers, etc. and about the same amount of newspaper articles during my career.

Languages

Trilingual	German, French, English
Italian	Fluent in speech
Spanish	Fluent in speech
Finnish	Fluent in speech
Turkish	Capable to get by on everyday conversations, actively learning
Arabic	Capable to read and write, actively learning
Russian	Beginner