

List of Publications (Philipp Aerni)

Journal Articles

- Aerni, P. (2016) Coping with Migration-Induced Urban Growth: Addressing the Blind Spot of UN Habitat. *Sustainability* 8(8), 800 doi:10.3390/su8080800
- Aerni, P., Galagalac, F., Scholderer, J. (2016) The role of biotechnology in combating climate change: A question of politics. *Science and Public Policy* (43): 13–28.
- Aerni, P., Nichterlein, K., Rudgard, S., Sonnino, A. (2015) Making Agricultural Innovation Systems (AIS) Work for Development in Tropical Countries. *Sustainability* 7 (1): 831-850.
- Schluep, I. and Aerni, P. (2015) Ursachen von Preisvolatilität auf Agrarmärkten. *Die Volkswirtschaft* 88 (3-4): 55-58.
- Cottier, T., Aerni, P., Karapinar, B., Matteotti, S., de Sèpibus, and Shinga, A. (2014) The Principle of Common Concern and Climate Change. *Archiv des Völkerrechts*, 52(3): 293-324.
- Aerni, P. (2013) 'Resistance to agricultural biotechnology: the importance of distinguishing between weak and strong public attitudes'. *Biotechnology Journal* 8 (10): 1129–1132.
- Aerni, P. (2013) 'Why do the biotechnology and the climate change debates hardly mix? Evidence from a global stakeholder survey'. *New Biotechnology* 30(4): 344-348.
- Oser, F., Näpflin, C., Hofer, C. and Aerni, P. (2012) 'Towards a Theory of Negative Knowledge (NK): Almost-Mistakes as Drivers of Episodic Memory Amplification'. *Human Fallibility* 6: 53-70.
- Näpflin, C., Oser, F. and Aerni, P. (2012) 'Discussion-Based Teaching Methods Addressing Policy Issues Related to Agricultural Biotechnology'. *Moral Development and Citizenship Education* 6: 147-153.
- Aerni, P. (2011) 'Connecting catch-up growth to sustainable development – a new theoretical perspective'. *African Technology Development Forum (ATDF) Journal* 8 (3/4): 29-42.
- Farinelli, F., Bottini, M, Akkoyunlu, S. and Aerni, P. (2011) 'Green entrepreneurship: the missing link towards a greener economy'. *ATDF Journal* 8(3/4): 42-48.
- Aerni, P., Scholderer, J. and Ermen, D. (2011) 'What would Swiss consumers decide if they had freedom of choice? Evidence from a field study with GM corn bread'. *Food Policy* 36(6): 830-838.
- Aerni, P. (2011) 'Do Political Attitudes Affect Consumer Choice? Evidence from a Large-Scale Field Study with Genetically Modified Bread in Switzerland'. *Sustainability* 3: 1555-1572.
- Aerni, P. (2011) 'Food Sovereignty and its Discontents'. *African Technology Development Forum (ATDF) Journal* 8(1/2): 23-40.
- Aerni, P. et al. (2010) 'Climate Change and International Law: Exploring the Linkages Between Human Rights, Environment, Trade and Investment'. *German Yearbook of International Law* 53: 139-188.
- Aerni, P. (2010) Sustainable Urbanization: The Missing Bottom-Up Dimension'. *ATDF Journal* 7(1/2): 44-53.
- Aerni, P. (2010) 'Is Agricultural Biotechnology Part of Sustainable Agriculture? Different Views in Switzerland and New Zealand'. *AgBioforum* 13(2): 158-172.
- Aerni, P. (2009) 'What is Sustainable Agriculture? Empirical Evidence of Diverging Views in Switzerland and New Zealand'. *Ecological Economics* 68(6): 1872-1882.
- Aerni, P., Rae, A. and Lehmann, B. (2009) 'Nostalgia versus Pragmatism? How attitudes and interests shape the term sustainable agriculture in Switzerland and New Zealand'. *Food Policy* 34 (2): 227-235.
- Aerni, P. (2008) 'A New approach to Deal with the Global Food Crisis'. *ATDF Journal* 5(1/2): 16-32.
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- Aerni, P. (2006) 'Mobilizing science and technology for development: The case of the Cassava Biotechnology Network (CBN)'. *AgBioForum* 9(1): 1-14.
- Aerni, P. (2006) 'The Principal-Agent Problem in International Development Assistance and its Impact on Local Entrepreneurship in Africa: Time for New Approaches'. *ATDF Journal* 3(2): 27-33.
- Aerni, P. and Bernauer, T. (2006) 'Stakeholder attitudes towards GMOs in the Philippines, Mexico and South Africa: The issue of public trust'. *World Development* 34(3): 557-575.
- Aerni, P. (2005) 'Stakeholder attitudes towards GMOs in South Africa'. *Environmental Science & Policy* 8(5): 464-476.
- Aerni, P. (2004) 'Risk, regulation and innovation: The case of aquaculture and transgenic fish'. *Aquatic Sciences* 66(3): 327-341.
- Aerni, P. (2004) 'Stakeholder perceptions towards agricultural biotechnology in Mexico'. *Int. J. Agr. Resour. Govern. Ecol.* 3(1/2): 95-115.
- Aerni, P. (2002) 'Stakeholder attitudes towards the risks and benefits of agricultural biotechnology in developing countries: A comparison between Mexico and the Philippines'. *Risk Analysis* 26(6): 1123-1137.
- Aerni, P. (2001) 'L'aquaculture : un transfert à risques'. *Biofutur* 222: 34-37.
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Special Journal Issues (edited or co-edited by Philipp Aerni)

- Aerni, P. and Glasmeier, A. (eds) 'A Contextual and Dynamic Understanding of Sustainable Urbanisation'. *Sustainability* (in press)
- Wesseler, J. and Aerni, P. (eds) 'Sustainability and the Global Bioeconomy'. *Agbioforum* 14(3) (2011)
- Aerni, P. (ed) 'Food Sovereignty and New Trade Protectionism'. *ATDF Journal* 8(1/2)(2011)
- Aerni, P. (ed) 'Biotechnology and Sustainable Development'. *Sustainability* 3(10) (2011)
- Aerni, P. (ed) 'Education and Vocational Training'. *ATDF Journal* 6(1/2) (2009)
- Aerni, P. (ed) 'The Food Crisis'. *ATDF Journal* 5 (1/2) (2008)
- Aerni, P. (ed) 'Agriculture in Turkey: structural change, sustainability and EU compatibility'. *International Journal of Agricultural Resources Governance & Ecology* 6(4/5) (2007)
- Aerni, P. and Konde, V. (eds) Role of Universities in the Knowledge Economy. *ATDF Journal* 4 (2) (2007)
- Aerni, P. (ed) 'Agricultural biotechnology in developing countries: perception, politics and policies'. *International Journal of Biotechnology* 7(1/2/3) (2005)
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Books and Monographs

- Schlupe, I., Aerni, P. When Corporatism leads to Corporate Governance Failure: the Case of the Swiss Watch Industry. Banson, Cambridge (June 2016) (available online: <http://www.ourplanet.com/swisswatches/index.php>)
- Aerni, P., Grün K.-J., Kummert, I. Schwierigkeiten mit der Moral: Ein Plädoyer für eine neue Wirtschaftsethik. Springer Gabler, Wiesbaden (August 2015)
- Aerni, P. The Sustainable Provision of Environmental Services: from Regulation to Innovation. *Springer Series on CSR, Ethics and Governance*. Springer, Heidelberg (July 2015)
- Aerni, P. Entrepreneurial Rights as Human Rights. Banson, Cambridge (June 2015) (available online: <http://www.ourplanet.com/rights/index.php>)
- Aerni, P. und Oser, F. (eds). 'Forschung verändert Schule'. Seismo Verlag, Zürich (January 2011)
- Aerni, P. und Grün, K.-J. (eds). 'Moral und Angst'. Vandenhoeck & Ruprecht Verlag, Göttingen (May 2011)
- Aerni, P. 'Public Acceptance of Transgenic Rice and its Potential Impact on Rice Markets in Southeast Asian Countries'. Dissertation. ETH Zurich, Switzerland (December 1999)
- Aerni, P. 'The Problem of Indebtedness of Small-Scale Farmers - The Case of Guatemala'. Master thesis. Institute of Geography, University of Zurich (June 1995).

Book Chapters

- Aerni, P. 'Private Standards'. In K. Nadakavukaren Schefer and T. Cottier (eds) *Encyclopedia of International Economic Law*. Edward Elgar, Cheltenham, UK. (forthcoming).
- Aerni, P. 'Stimulating the Private Sector'. In K. Nadakavukaren Schefer and T. Cottier (eds) *Encyclopedia of International Economic Law*. Edward Elgar, Cheltenham, UK. (forthcoming)
- Schlupe, I. Aerni, P., and Oniango, R. 'Europe and Africa: Addressing the food security challenges'. In I. Virgin and J. Morris (Eds) *The Bioscience Revolution in Europe and Africa*. Routledge, London. (2016).
- Aerni, P. 'Agricultural biotechnology and public attitudes: An attempt to explain the mismatch between experience and perception'. In R. Watson and V. R. Preedy (Eds), *Genetically Modified Organisms in Food*. Elsevier Press, Amsterdam: 149-156 (2015).
- Aerni, P. 'Welche Ethik braucht es für die Durchsetzung der UNO-Nachhaltigkeitsziele?' In P. Aerni, K.-J. Grün and Irina Kummert (Hrsg), *Schwierigkeiten mit der Moral: Ein Plädoyer für eine neue Wirtschaftsethik*. Springer Gabler, Wiesbaden: 25-44 (2015).
- Aerni, P. 'The motivation and impact of organized public resistance against agricultural biotechnology'. In D. Castle, P. Phillips & S. Smyth (Eds), *Handbook on Agriculture, Biotechnology and Development*. Edward Elgar, Cheltenham, UK: 482-521 (2014).
- Aerni, P. 'The great misunderstanding of the global food crisis'. In B. Heap and D. Bennett (Eds) *Insights – Africa's future: can biosciences contribute?* Banson Publishers, Cambridge: 76-87 (2014).
- Aerni, P. & Rüeeggger, D. (2012) Making Use of E-mentoring to support Innovative Entrepreneurs in Africa. In T. Cottier and M. Burri (Eds), *Trade in the Digital Age*. Cambridge University Press, New York: 433-454 (2012)
- Aerni, P., Karapinar, B. & Häberli, C. 'Rethinking Sustainable Agriculture'. In: T. Cottier and P. Delimatsis (Eds), *The Prospects of International Trade Regulation: From Fragmentation to Coherence*, Cambridge University Press, Cambridge, UK: 169-210 (2011).
- Aerni, P. (2011) 'Learning from the past: how to bring ethics and economics in line with the real nature of the human being'. In: M. Cockell et al. (Eds), *Common Knowledge: Rising to the Challenge of Transdisciplinarity*. EPFL/CRC Press, Lausanne, Switzerland: 15-30 (2011).
- Aerni, P. 'Die Moralisierung der Politik als Kehrseite der Angst vor dem globalen Wandel'. In: Philipp Aerni und Klaus-Jürgen Grün (Hrsg), *Moral und Angst*. Vandenhoeck und Ruprecht Verlag, Göttingen: 13-32 (2011).
- Aerni, P. 'Interdisziplinarität an Schule und Universität: Das Fallbeispiel Geographie'. In: Philipp Aerni und Fritz Oser (Hrsg), *Forschung verändert Schule*. Seismo Verlag, Zürich: 152-174 (2011).

- Aerni, P. ‚Wirtschaftliche Auswirkungen eines EU Beitritts auf die Schweiz: Landwirtschaft und Umwelt‘. In: T. Cottier und R. Liechti (Hrsg), Die Schweiz und Europa. Vdf Hochschulverlag, Zürich: 307-309 (2010).
- Aerni, P. ‚Reforming agricultural policy in Turkey in Accordance with New Growth Theory‘. In Baris Karapinar and Fikret Adaman (Eds) Rethinking Structural Reform in Turkish Agriculture: Beyond the World Bank’s Strategy. Nova Publishers, New York (2010): 229-242.
- Aerni, P. (2009) ‚Public Perception of Agricultural Biotechnology in Africa‘. In: Zerihun Tadele (Ed), New Approaches in Plant Breeding of Orphan Crops in Africa. Stampfli AG, Bern: 223-243.
- Bernauer, T. & Aerni, P. (2009) ‚Trade Conflict Over Genetically Modified Organisms‘. In: K. Gallagher (Ed), Handbook on Trade and Environment. Edward Elgar Publishing, London: 184-194.
- Bernauer, T. & Aerni, P. (2009) ‚Implications of the Transatlantic Biotech Dispute for Developing Countries‘. M. A. Schreurs, H. Selin, S. D. VanDeveer (Eds), Transatlantic Environment and Energy Politics. Ashgate, Burlington VT: 127-144.
- Aerni, P. (2008) ‚Technological innovation and its contribution to sustainable development in agriculture‘. In: Mieczysław Adamowicz (Ed), Innovations and Innovativeness in the Agribusiness Sector. SGGW Conference Proceedings, Warsaw, Poland: 11-28.
- Aerni, P. (2008) ‚Politische Interessen und öffentliches Vertrauen in der Gentechnikdiskussion‘. In: H. Busch & G. Pruetz (Hrsg), Biotechnologie in Gesellschaftlicher Deutung. Herbert Utz Verlag, München: 2-11.
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- Bernauer, T. & Aerni, P. (2006) ‚Competition for Public Trust: The Transatlantic Biotech Conflict and Developing Countries‘. In: R. Falkner (Ed), The International Politics of GM Food and Trade. Houndsmills/Basingstoke: Palgrave/Macmillan: 138-154 (with Thomas Bernauer).
- Aerni, P. (2005) ‚Wahrnehmungs- und Netzwerkanalyse von Interessenvertretern in der Gentechnik-Debatte in Entwicklungsländern‘. In: U. Serdült (Ed) Zürcher Politik- und Evaluationsstudien 2: Universität Zürich: 37-54.
- Aerni, P. (2005) ‚Mobilizing Science and Technology for Development: Peter Rieder’s Commitment to International Sustainable Development‘. Festschrift of Professor Dr. Peter Rieder. Schweizerische Gesellschaft für Agrarwirtschaft (SGA): 5-14.
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- Aerni, P., Rieder, P. & Anwender Phan-huy, S. (2000) ‚Public Acceptance of transgenic staple food in developing countries‘. The case of transgenic rice in the Philippines. In: W.H. Lesser (Ed), Transitions in Agbiotech: Economics of Strategy and Policy. pp. 708-723. Storrs, CT: Food Marketing Policy Center.

Selected Working Papers

- Cottier, T., Aerni, P., Karapinar, B., Matteotti, S., de Sépibus, and Shinga, A. (2014) The Principle of Common Concern and Climate Change. NCCR Working Paper No 2014/18. University of Bern.
- Aerni, P. Do Private Standards Encourage or Hinder Innovation? *NCCR Trade Working Paper* 2013/18, University of Bern.
- Aerni, P. Applying New Growth Theory to International Trade. *NCCR Trade Working Paper* 2012/10, University of Bern.
- Aerni, P. Lock-in Situations in the Global Debates on Climate Change, Biotechnology and International Trade. *NCCR Trade Working Paper* 2011/21, University of Bern.
- Aerni, P. Making Use of E-mentoring to support Growth-oriented Entrepreneurship in Africa (co-authored with Dominik Rügger). *NCCR Trade Working Paper* 2011/1, University of Bern.
- Aerni, P. The Consequences of Diverging Transatlantic GMO Regulatory Approaches on the Management of Natural Resources in Developing Countries, *CIS Working Paper* 1/2006, ETH Zurich
- Aerni, P. (2004). 10 Years of Cassava Research at ETH Zurich – A Critical Assessment. Research Report. Swiss Center for International Agriculture (ZIL), ETH Zurich.

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In the News since 2009 (selected articles)

Thomas Reuters Foundation, 16.10.2016. Can the U.N. Habitat summit help the world's swelling ranks of urban poor? (by Chris Arsenault).

Financial Times, 01.09.2016. Swatch and the Swiss watch industry out of Sync with Times (by Ralph Atkins). Book Review. Inside Business.

NZZ, 24.08.2016. 'Sonderfall Swatch Group' (von Nicole Rütli). Buchbesprechung. Ökonomische Literatur..

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Handelszeitung, 27.05.2016. 'Es verschärft das Problem der Zweiklassengesellschaft'. Interview mit Caroline Freigang.

Sonntagszeitung, 14.02.2016. 'Wer Subsistenzwirtschaft betreibt hat nichts für die Börse übrig'. Wissen/Debatte, 62.

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NZZ, 07.10.2015. 'Das Recht auf Unternehmerisches Tun'(von Sergio Aiolfi). Buchbesprechung. Ökonomische Literatur.

Denaris, 09.2015. 'Wie zukunftsfähig ist der Nachhaltigkeitsbegriff?' Denaris 04/2015, 7-9.

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Tages-Anzeiger, 01.11.2014. 'Warum Ecopop der Umwelt schadet'. Wissen

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Tages-Anzeiger, 24.03.2012. 'Ich kenne keinen Biobauern ohne Traktor'. Wissen

Neue Zürcher Zeitung, 26.05.2011. 'Bessere Spielregeln für die Entwicklungszusammenarbeit'. Kommentar.

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