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education

Habilitation for sociology at Graz University (assessment: J. Habermas, A. Pelinka) (1985)

Postgraduate social science degree at Institute for Advanced Studies, Vienna (1970-1972)

Graduation in sociology, psychology and history of art (PhD, University of Vienna) (1971)

employment

- 2014 cont. professor emerita, teacher and researcher at Social Ecology Institute, Vienna
- 2003-14 full professor of Social Ecology at the Alpen Adria University
- 1986 cont. lecturer for sociology at Vienna University
- 1986-03 assistant professor, founder and head of department of social ecology at the Institute for Interdisciplinary Studies of Austrian Universities (IFF);
- 1985-86 research cooperation with F. Kreissler (Sorbonne) on unemployment and quality of life (comparison France - Austria)
- 1982-84 Austrian delegate to and consultant of OECD Paris, program social indicators
- 1971-82 assistant professor for sociology at the Institute for Advanced Studies, Vienna
- 1967-71 research assistant at the Institute for Sociology, University of Vienna

Awards

- 2016 PROSE Award for co-editing the Encyclopedia for the Social and Behavioral Sciences
- 2016 Austrian Ministry of Science Award for transdisciplinary sustainability research
- 2015 Austrian State Award for Arts and Sciences, First Class
- 2011 Honorary Citizen of the Municipality of Samothraki

teaching positions

- Lecturer for environmental sociology at Vienna University (1986 cont.)
- Teaching in the Master Program on Social and Human Ecology, and the doctoral program in Social Ecology, Alpen-Adria University, Vienna (2004 cont.)
- Visiting professor at the University Federal de Rio de Janeiro, Brasil (2003); Visiting professor at the Faculty for Forestry and the Environment, Yale University, USA (2002); Visiting professor at Roskilde University, Denmark (1997); Visiting fellow at Griffith University, Australia (1996); Guest lecturer at the Institute for Global Governance, London School of Economics (1992)
- Lecturer in Environmental System Sciences at the University of Graz (1991-1999)

- Organizer of university training for environmental counseling, in collaboration with the Institute of Applied Ecology, Vienna (1990-1996)
- Lecturer for gender relations at the Universities of Klagenfurt, Vienna and Innsbruck (1987-1991)
- Lecturer in postgraduate education at the Institute for Advanced Studies, Vienna (focus: educational sociology, social inequality, social change, social indicators) (1971-1982)
- Lecturer at the Academy of Social Work, Vienna, for sociology and social psychology, and project learning (1970-1978)

leadership and management positions

- President of the International Society for Ecological Economics (ISEE; 2013-2018)
- Vice president of the European Society for Ecological Economics (ESEE; 2011-2013)
- President of the International Society for Industrial Ecology (ISIE; 2007-2009)
- Chair of scientific advisory board of the Potsdam Institute on Climate Impact Research (PIK; 2002-2010)
- Director of the Institute for Interdisciplinary Studies of Austrian Universities (IFF), Vienna node (2000-2003)
- Chair of the program committee for Social-ecological Research of the German Ministry of Science and Education (1999-2003)
- Chair of Greenpeace Austria and member of Governing Board of Greenpeace International (1994-2000)
- Founder and director of the Institute of Social Ecology, Vienna (SEC; 1987-2011)
- Vice director and director of the Institute for Interdisciplinary Studies of Austrian Universities (IFF; 1987-1994)
- Head of department of Sociology at the Institute for Advanced Studies (IHS; 1979-1982)

membership in professional decision making bodies (selection)

- Lead expert in the International Resource Panel (IRP) of the United Nations Environmental Program (UNEP; 2007 cont.)
- Member of the Scientific Advisory Board of the Finnish Environment Institute (SYKE) 2010-2015
- Member of the Austrian National Committee of UNESCO's Man and Biosphere Program (MAB) at the Austrian Academy of Sciences (since 2007)
- Member of the Jury for the Annual Georgescu-Roegen Award (TERI, India, since 2011); of the Jury of Deutsche Bundesstiftung Umwelt (DBU), 2010-2012; of the committee for Austria's state award for ecosystems science (2004-2007); Member of Jury for the ERC Starting Grant SH3, EU Brussels (2007-2012)
- Member of the Senate of the Alpen-Adria University, Klagenfurt (2011-2013)
- Member of Scientific Advisory Board of the ARTEC research center for sustainability, University of Bremen; of the MSc Programme „Management of Protected Areas“ (AAU, Klagenfurt); of the World Resources Forum, Davos; of the Center for Environmental Systems Research (CESR) at Kassel University; of Internationales Institut für Nachhaltigkeitsanalysen und -strategien (IINAS); of the research project MONA – Modi Nachhaltigkeitsbezogener Forschung im Vergleich (Leuphana Universität Lüneburg); of the DYNAMIX – project (Berlin);
- delegate for Klagenfurt University at the Austrian National Science Fund (FWF), 2009-2014
- member of the evaluation committee of Chalmers University's environmental initiative (2005)
- member of scientific steering committee of the „International Human Dimensions Program - Industrial Transformation“ (IHDP – IT), 1998-2006

Organization of scientific conferences (selection)

- Member of the Organizing Committee of the Eco-Balance Conference in Nagoya, Japan, Oct. 2016
- Co-Organizer of the World Conference in Ecological Economics on "Welfare and Equity within Planetary Boundaries" in Reykjavik (Iceland), August 2014
- Member of scientific committee for the 11th ISIE conference on Socio-economic Metabolism in Melbourne 2014
- Member of the scientific committee of the Gordon Research Conference on Industrial Ecology in Lucca 2014
- Member of Science Board of the Indian Ecological Economics Conference (2013)
- Member of Science Board for the 8th International Conference on Eco-Balance, Tokyo 2008 and of the 12th Conference in Kyoto 2016
- Co-Organizer of the International Conference "Ester Boserup – A centennial tribute. Long-term trajectories in population, gender relations, land-use and the environment" in Vienna, Nov. 2010
- President of the Gordon Research Conference on Industrial Ecology (2004); vice-president of the Gordon Research Conference on Industrial Ecology (2002)
- Co-organization of annual conferences "ConAccount" with the Wuppertal Institute, the University of Leiden, and the Swedish Statistical Office, in Wuppertal, Stockholm, Leiden and Vienna (2003-2008)
- Organizer of the International Conference on "Nature, Society and History. Long-term dynamics of social metabolism" in Vienna, 1999

Editorial roles in Scientific Journals (selection)

- Associate editor of The Anthropocene Review (SAGE; 2013 cont.)
- Current Member of the editorial advisory board of the journals Natur und Kultur; International Journal of Industrial Ecology; Environmental Innovation and Societal Transitions; Conservation and Society; GAIA; Jahrbuch für Ökologie; Population and Environment; BioPhysical Economics and Resource Quality (BERQ), Ecology, Economy and Society: Journal of the INSEE
- Co-Founder and long-time editor of the Österreichische Zeitschrift für Soziologie (1976-1986)
- Co-Founder and co-editor of the journal Aufrisse (1969-1985)

reviewing / referee functions (selection)

- Agricultural Science Research Journal
- Ambio - A Journal of the Human Environment
- Anthropocene Review
- Conservation and Society
- DBU Preis der Deutschen Bundesstiftung Umwelt
- Ecology and Society
- Ecological Economics
- Ecological Informatics
- Ecological Modelling
- Eco.mont- Journal on Protected Mountain Areas Research and Management
- Energy Policy
- Environmental Indicators
- Environmental Innovation and Societal Transitions
- Environmental Modelling & Software
- Environmental Policy and Governance

- Environmental Science & Technology
- ERC – European Starting Grant
- ERC – European Advanced Grant
- European Report on Development 2011-2012
- GAIA
- Humboldt Stiftung
- Journal for Global Environment Change
- Journal of Agriculture and Biological Sciences
- Journal of Cleaner Production
- Journal of Environmental Management
- Journal of Environmental Science and Technology
- Journal of Industrial Ecology
- Jubiläumsfonds der Österreichischen Nationalbank
- McArthur Fellows Program
- Nature + Culture
- Nature Climate Change
- Organization and Environment
- Proceedings of the National Academy of Sciences (PNAS)
- Regional Environmental Change
- Schweizer Nationalfonds
- Science
- Theory, Culture & Society
- UNEP, GEO5

*selection of books and edited volumes, contributions to journals, book chapters***2016**

- Aiginger, K., Schratzenstaller, M., Leoni, T., Schaffartzik, A., Wiedenhofer, D., Fischer-Kowalski, M., Veugelers, R., Behrens, A., 2016. Europe's path towards the socio-ecological transition. *Intereconomics*, vol. 51(4)
- Fischer-Kowalski, M., Haas, W., 2016. Toward a Socioecological Concept of Human Labor, in: Haberl, H., Fischer-Kowalski, M., Krausmann, F., Winiwarter, V. (Eds.), *Social Ecology. Society-Nature Relations across Time and Space*. Springer, Cham, pp. 169–196
- Fischer-Kowalski, M., Pallua, I., 2016. Ressourcenextraktion und Ressourcenverbrauch – globale Trends, regionale Muster, in: Fischer, K., Jäger, J., Schmidt, K. (Eds.), *Rohstoffe und Entwicklung: Aktuelle Auseinandersetzungen im historischen Kontext*. new academic press og, Wien, pp. 65–84.
- Fischer-Kowalski, M., Steinberger, J.K., 2016. Growth and Sustainability in a Material World: The self-reinforcing Cycle of Population, GDP and Resource Use, in: Victor, P.A., Dolt, B. (Eds.), *Handbook of Growth and Sustainability*. Edward Elgar Publishing Ltd, Cheltenham.
- Fischer-Kowalski, M., Weisz, H., 2016. The Archipelago of Social Ecology and the Island of the Vienna School, in: Haberl, H., Fischer-Kowalski, M., Krausmann, F., Winiwarter, V. (Eds.), *Social Ecology. Society-Nature Relations across Time and Space*. Springer, Cham, pp. 3–28.
- Fischer-Kowalski, M., Erb, K.H., 2016. Core Concepts and Heuristics, in: Haberl, H., Fischer-Kowalski, M., Krausmann, F., Winiwarter, V. (Eds.), *Social Ecology. Society-Nature Relations across Time and Space*. Springer, Cham, pp. 29–61.
- Fischer-Kowalski, M. and Pallua, I. (2016) Ressourcenextraktion und Ressourcenverbrauch – globale Trends, regionale Muster. In: Fischer, K., Jäger, J. and Schmidt, K., (Eds.) *Umkämpfte Rohstoffe. Aktuelle Entwicklungen im historischen Kontext.*, Wien: academia press
- Haberl, H., Erb, K.H., Fischer-Kowalski, M., Groß, R., Krausmann, F., Plutzar, C., Schmid, M., Winiwarter, V., 2016a. Introduction, in: Haberl, H., Fischer-Kowalski, M., Krausmann, F., Winiwarter, V. (Eds.), *Social Ecology. Society-Nature Relations across Time and Space*. Springer, Cham, pp. xli–lxii.
- Haberl, H., Fischer-Kowalski, M., Krausmann, F., Winiwarter, V. (Eds.), 2016. *Social Ecology. Society-Nature Relations across Time and Space*. Springer, Cham.
- Krausmann, F., Schaffartzik, A., Mayer, A., Eisenmenger, N., Gingrich, S., Haberl, H., Fischer-Kowalski, M., 2016b. Long-Term Trends in Global Material and Energy Use, in: Haberl, H., Fischer-Kowalski, M., Krausmann, F., Winiwarter, V. (Eds.), *Social Ecology. Society-Nature Relations across Time and Space*. Springer, Cham, pp. 199–211.
- Petridis, P., Fischer-Kowalski, M., 2016. Island Sustainability: The Case of Samothraki, in: Haberl, H., Fischer-Kowalski, M., Krausmann, F., Winiwarter, V. (Eds.), *Social Ecology. Society-Nature Relations across Time and Space*. Springer, Cham, pp. 543–554.
- Ringhofer, L., Fischer-Kowalski, M., 2016. Method Précis: Functional Time Use Analysis, in: Haberl, H., Fischer-Kowalski, M., Krausmann, F., Winiwarter, V. (Eds.), *Social Ecology. Society-Nature Relations across Time and Space*. Springer, Cham, pp. 519–522.
- Schaffartzik, A., Wiedenhofer D., Fischer-Kowalski, M., 2016. More Productive, less Sustainable? On the Need to Consider Material Resource Flows. *Intereconomics* vol. 51 no 4, pp. 200-204.
- International Resource Panel, 2016. Global material flows and resource productivity. Authors: Schandl H., Fischer-Kowalski, M., West, J., Giljum, S., Dittrich, M., Eisenmenger, N., Geschke, A., Lieber, M., Wieland, H.P., Schaffartzik, A., Krausmann, F., Gierlinger, S., Hosking, K., Lenzen, M., Tanikawa, H., Miatto, A., Fishman, T. *UNEP, Paris*

2015

- Fischer-Kowalski, M., Eisenmenger N. and Dittrich, M. (2015) United Nations Environment Program, International Trade in Resources – A Biophysical Assessment. *A report of the International Resource Panel*, Nairobi (UNEP)

*selection of books and edited volumes, contributions to journals, book chapters***2016**

- Aiginger, K., Schratzenstaller, M., Leoni, T., Schaffartzik, A., Wiedenhofer, D., Fischer-Kowalski, M., Veugelers, R., Behrens, A., 2016. Europe's path towards the socio-ecological transition. *Intereconomics*, vol. 51(4)
- Fischer-Kowalski, M., Haas, W., 2016. Toward a Socioecological Concept of Human Labor, in: Haberl, H., Fischer-Kowalski, M., Krausmann, F., Winiwarter, V. (Eds.), *Social Ecology. Society-Nature Relations across Time and Space*. Springer, Cham, pp. 169–196
- Fischer-Kowalski, M., Pallua, I., 2016. Ressourcenextraktion und Ressourcenverbrauch – globale Trends, regionale Muster, in: Fischer, K., Jäger, J., Schmidt, K. (Eds.), *Rohstoffe und Entwicklung: Aktuelle Auseinandersetzungen im historischen Kontext*. new academic press og, Wien, pp. 65–84.
- Fischer-Kowalski, M., Steinberger, J.K., 2016. Growth and Sustainability in a Material World: The self-reinforcing Cycle of Population, GDP and Resource Use, in: Victor, P.A., Dolt, B. (Eds.), *Handbook of Growth and Sustainability*. Edward Elgar Publishing Ltd, Cheltenham.
- Fischer-Kowalski, M., Weisz, H., 2016. The Archipelago of Social Ecology and the Island of the Vienna School, in: Haberl, H., Fischer-Kowalski, M., Krausmann, F., Winiwarter, V. (Eds.), *Social Ecology. Society-Nature Relations across Time and Space*. Springer, Cham, pp. 3–28.
- Fischer-Kowalski, M., Erb, K.H., 2016. Core Concepts and Heuristics, in: Haberl, H., Fischer-Kowalski, M., Krausmann, F., Winiwarter, V. (Eds.), *Social Ecology. Society-Nature Relations across Time and Space*. Springer, Cham, pp. 29–61.
- Fischer-Kowalski, M. and Pallua, I. (2016) Ressourcenextraktion und Ressourcenverbrauch – globale Trends, regionale Muster. In: Fischer, K., Jäger, J. and Schmidt, K., (Eds.) *Umkämpfte Rohstoffe. Aktuelle Entwicklungen im historischen Kontext.*, Wien: academia press
- Haberl, H., Erb, K.H., Fischer-Kowalski, M., Groß, R., Krausmann, F., Plutzar, C., Schmid, M., Winiwarter, V., 2016a. Introduction, in: Haberl, H., Fischer-Kowalski, M., Krausmann, F., Winiwarter, V. (Eds.), *Social Ecology. Society-Nature Relations across Time and Space*. Springer, Cham, pp. xli–lxii.
- Haberl, H., Fischer-Kowalski, M., Krausmann, F., Winiwarter, V. (Eds.), 2016. *Social Ecology. Society-Nature Relations across Time and Space*. Springer, Cham.
- Krausmann, F., Schaffartzik, A., Mayer, A., Eisenmenger, N., Gingrich, S., Haberl, H., Fischer-Kowalski, M., 2016b. Long-Term Trends in Global Material and Energy Use, in: Haberl, H., Fischer-Kowalski, M., Krausmann, F., Winiwarter, V. (Eds.), *Social Ecology. Society-Nature Relations across Time and Space*. Springer, Cham, pp. 199–211.
- Petridis, P., Fischer-Kowalski, M., 2016. Island Sustainability: The Case of Samothraki, in: Haberl, H., Fischer-Kowalski, M., Krausmann, F., Winiwarter, V. (Eds.), *Social Ecology. Society-Nature Relations across Time and Space*. Springer, Cham, pp. 543–554.
- Ringhofer, L., Fischer-Kowalski, M., 2016. Method Précis: Functional Time Use Analysis, in: Haberl, H., Fischer-Kowalski, M., Krausmann, F., Winiwarter, V. (Eds.), *Social Ecology. Society-Nature Relations across Time and Space*. Springer, Cham, pp. 519–522.
- Schaffartzik, A., Wiedenhofer D., Fischer-Kowalski, M., 2016. More Productive, less Sustainable? On the Need to Consider Material Resource Flows. *Intereconomics* vol. 51 no 4, pp. 200-204.
- International Resource Panel, 2016. Global material flows and resource productivity. Authors: Schandl H., Fischer-Kowalski, M., West, J., Giljum, S., Dittrich, M., Eisenmenger, N., Geschke, A., Lieber, M., Wieland, H.P., Schaffartzik, A., Krausmann, F., Gierlinger, S., Hosking, K., Lenzen, M., Tanikawa, H., Miatto, A., Fishman, T. *UNEP, Paris*

2015

- Fischer-Kowalski, M., Eisenmenger N. and Dittrich, M. (2015) United Nations Environment Program, International Trade in Resources – A Biophysical Assessment. *A report of the International Resource Panel*, Nairobi (UNEP)

<http://www.unep.org/resourcepanel/KnowledgeResources/AssessmentAreasReports/Trade/tabid/1060710/Default.aspx>

- Fischer-Kowalski, M. and Haberl, H. (2015) Social Metabolism: A metrics for biophysical growth and degrowth. In: Martinez-Alier, J. and Muradian, R., (Eds.) *Handbook of Ecological Economics*, Cheltenham, UK and Northampton MA, USA: Edward Elgar. pp. 100-138.
- Fischer-Kowalski, M. and Schaffartzik, A. (2015) Energy availability and energy sources as determinants of societal development in a long-term perspective. *MRS Energy & Sustainability : A Review Journal* 2, 1-14.
- Fischer-Kowalski, M. (2015) Social Ecology. In: Wright, J., (Ed.) *International Encyclopedia of the Social and Behavioral Sciences, second edition*, pp. 254-262. Amsterdam: Elsevier
- Fischer-Kowalski, M., H. Rau and K. Zimmerer (eds.) (2015) *International Encyclopedia of the Social and Behavioural Sciences, Area 9/1e - Ecological and Environmental Sciences*. Oxford: Elsevier.
- Fischer-Kowalski, M. and Wiedenhofer, D. (2015) An Optimal Policy Mix for Resource Use. Policy Brief 204.1, Welfare, Wealth and Work for Europe, Vienna (Institute for Economic Research)
- 2014
- Fischer-Kowalski, M., Krausmann, F. and Pallua, I. (2014) A sociometabolic reading of the Anthropocene: Modes of subsistence, population size and human impact on Earth. *The Anthropocene Review* 1, 8-33.
<http://anr.sagepub.com/content/1/1/8.full.pdf+html>
- Oldfield, F., Barnosky, A.D., Dearing, J., Fischer-Kowalski, M., McNeill, J.R., Steffen, W. and Zalasiewicz, J. (2014) The Anthropocene Review: Its significance, implications and the rationale for a new transdisciplinary journal. *The Anthropocene Review* 1, 3-7.
- Fischer-Kowalski, M., Reenberg, A., Schaffartzik, A. and Mayer, A. (eds.) (2014) *Ester Boserup's Legacy on Sustainability - Orientations for Contemporary Research*, Dordrecht, Heidelberg, New York, London: Springer.
- Turner II, B.L. and Fischer-Kowalski, M. (2014) Ester Boserup: An Interdisciplinary Visionary Relevant for Sustainability. In: Fischer-Kowalski, M., Reenberg, A., Schaffartzik, A. and Mayer, A.e., (Eds.) *Ester Boserup's Legacy on Sustainability - Orientations for Contemporary Research*, Human-Environment Interactions edn. pp. 3-11. Dordrecht, Heidelberg, New York, London: Springer]
- Fischer-Kowalski, M., Krausmann, F., Mayer, A. and Schaffartzik, A. (2014) Boserup's Theory on Technological Change as a Point of Departure for the Theory of Sociometabolic Regime Transitions. In: Fischer-Kowalski, M., Reenberg, A., Schaffartzik, A. and Mayer, A.e., (Eds.) *Ester Boserup's Legacy on Sustainability - Orientations for Contemporary Research*, Human-Environment Interactions edn. pp. 23-42. Dordrecht, Heidelberg, New York, London: Springer]
- Ringhofer, E., Singh, S.J. and Fischer-Kowalski, M. (2014) Beyond Boserup: The Role of Working Time in Agricultural Development. In: Fischer-Kowalski, M., Reenberg, A., Schaffartzik, A. and Mayer, A.e., (Eds.) *Ester Boserup's Legacy on Sustainability - Orientations for Contemporary Research*, Human-Environment Interactions edn. pp. 117-138. Dordrecht, Heidelberg, New York, London: Springer]
- Fischer-Kowalski, M. and Reenberg, A. (2014) Conclusions: Re-Evaluating Boserup in the Light of the Contributions to this Volume. In: Fischer-Kowalski, M., Reenberg, A., Schaffartzik, A. and Mayer, A., (Eds.) *Ester Boserup's Legacy on Sustainability - Orientations for Contemporary Research*. pp. 259-265. Dordrecht, Heidelberg, New York, London: Springer]
- Fischer-Kowalski, M., Pallua, I., Xenidis, L. and Singh, S.J. (2014) Samothraki. Die Geschichte einer griechischen Insel, die sich aufmachte, ein UNESCO-Biosphärenreservat zu werden. In: Dressel, G., Berger, W., Heimerl, K. and Winiwarter, V., (Eds.) *Interdisziplinär und Transdisziplinär forschen. Praktiken und Methoden*, pp. 239-246. Bielefeld: transkript Verlag]
- Fischer-Kowalski, Marina, and Hausknost, Daniel, 2014. Large scale societal transitions in the past. Work Package 201. Milestone 27: Research paper top-down and bottom-up results. WWWforEurope - WelfareWealthWork, Vienna. Working Paper No. 25

http://www.foreurope.eu/fileadmin/documents/pdf/Workingpapers/WWWforEurope_WPS_no055_MS27.pdf

2013

Erb, Karl-Heinz, Gaube, Veronika, and Fischer-Kowalski, Marina (2013). Leaping over disciplinary shadows. *Global Change*, (81), 36-39.

<http://www.igbp.net/download/18.29d2af531409c09b24364c/1382360686476/NL81-interdisciplinary.pdf>

Fischer-Kowalski, Marina, Krausmann, Fridolin, and Smetschka, Barbara (2013): Modelling Transport as a Key Constraint to Urbanisation in Pre-industrial Societies . In: Singh, Simron J. et al. (Eds.): Long Term Socio-Ecological Research. Studies in Society Nature Interactions across Spatial and Temporal Scales. Dordrecht, Heidelberg, New York, London: Springer, Human - Environment Interactions, Bd. 2, pp. 77-101. [download preprint version], http://www.aau.at/socec/downloads/Fischer-Kowalski_et_al_Modelling_transport_2.pdf

Fischer-Kowalski, Marina, Mayer, Andreas, and Hausknost, Daniel (2013): Umwelt und Soziale Ökologie. In: Flicker, E. and Forster, R. (Eds.): Forschungs- und Anwendungsfelder der Soziologie. Facultas, WUV, Wien, pp. 251-267.

Fischer-Kowalski, Marina, Wiedenhofer, Dominik, Haas, Willi, Pallua, Irene, and Hausknost, Daniel, 2013. Developing Resource use Scenarios for Europe. Work Package 204, MS 35 "Developing resource use scenarios for Europe". WWWforEurope - WelfareWealthWork, Vienna. Working Paper No. 25 http://www.foreurope.eu/fileadmin/documents/pdf/Workingpapers/WWWforEurope_WPS_no025_MS35.pdf

Krausmann, Fridolin and Fischer-Kowalski, Marina (2013): Global socio-metabolic transitions. In: Singh, Simron J. et al. (Eds.): Long Term Socio-Ecological Research. Studies in Society - Nature Interactions Across Spatial and Temporal Scales. Dordrecht, Heidelberg, New York, London: Springer, Human - Environment Interactions, Bd. 2, pp. 339-365. [download preprint version], http://www.aau.at/socec/downloads/Metabolic_transition_LTSEr_book_revised_version_01_2011_1.pdf

Petridis, Panos, Hickisch, Raffael, Klimek, Milena, Fischer, Rebekka, Fuchs, Nina, Kostakiotis, Giorgos, Wendland, Mike, Zipperer, Michael, and Fischer-Kowalski, Marina (2013). Exploring local opportunities and barriers for a sustainability transition on a Greek island. Vienna, IFF-Social Ecology. Social Ecology Working Paper No. 142. http://www.uni-klu.ac.at/socec/downloads/WP142_WEB.pdf

Wiedenhofer, Dominik, Rovenskaya, Elena, Haas, Willi, Krausmann, Fridolin, Pallua, Irene, and Fischer-Kowalski, Marina (2013): Is there a 1970s Syndrome? Analyzing Structural Breaks in the Metabolism of Industrial Economies. *Energy Procedia*, 40, 182-191, [online] <http://www.sciencedirect.com/science/article/pii/S1876610213016160>

2012

Fischer-Kowalski, Marina (2012): Über die Bedingungen der Macht von Wissenschaft als kollektiver gesellschaftlicher Akteurin. Ein Versuch im Rückgriff auf die Klassentheorie Alvin Gouldners. In: Egner, Heike and Schmid, Martin (Eds.): *Jenseits traditioneller Wissenschaft? Zur Rolle von Wissenschaft in einer vorsorgenden Gesellschaft*. München: OEKOM, pp. 159-174.

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Haselsteiner, Edeltraud, Gaube, Veronika, Remesch, Alexander, Smetschka, Barbara, and Fischer-Kowalski, Marina (2012): Urban Time and Energy (UTE): Time-space-energy Scenarios in Urban Areas. Re-mixing the city. Towards Sustainability and Resilience? Proceedings REAL CORP 2012,

Hashimoto, Seiji, Fischer-Kowalski, Marina, Sangwon, Suh, and Xuemei, Bai (2012): Greening Growing Giants. A Major Challenge of Our Planet. In: *Journal of Industrial Ecology* 16(4), pp. 459-466. [online], <http://onlinelibrary.wiley.com/doi/10.1111/j.1530-9290.2012.00522.x/full>

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2011

- Fischer-Kowalski, Marina, Mayer, Andreas, and Schaffartzik, Anke (2011): Zur sozialmetabolischen Transformation von Gesellschaft und Soziologie. In: Groß, Matthias (Ed.): Handbuch Umweltsoziologie. Wiesbaden: VS Verlag, pp. 97-120. Buch
- Fischer-Kowalski, Marina, Swilling, Mark, Weizsäcker, Ernst U. v., Ren, Yong, Moriguchi, Yuichi, Crane, Wendy, Krausmann, Fridolin, Eisenmenger, Nina, Giljum, Stefan, Hennicke, Peter, Kemp, Rene, Romero Lankao, Paty, and Siriban-Manalang, Anna B. (2011): Decoupling natural resource use and environmental impacts from economic growth. Nairobi: United Nations Environment Programme
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