


CURRICULUM VITAE

Name birth date	Willi Haas 5.5.1959	
Academic Qualification	<i>Doctor philosophiae</i> , Dr. phil. – doctoral programme in Philosophy in the subject Sociology, Alpen-Adria Universität (2015) <i>Diplom-Ingenieur</i> , Dipl.-Ing. – graduated engineer in Mechanical Engineering, core area Industrial Management, Technical University of Vienna (1991)	
Affiliation	<i>University assistant, senior researcher and lecturer, Institute of Social Ecology, University of Natural Resources and Life Sciences, Vienna, Austria</i>	
Employment	<p>2018-present: University assistant, senior researcher and lecturer at the Institute of Social Ecology, University of Natural Resources and Life Sciences, Vienna, coordinator of thematic research area group</p> <p>1998-2018: Senior researcher and lecturer at the Institute of Social Ecology, Alpen-Adria Universität, coordinator of thematic research area group</p> <p>2003-2004: Researcher and project leader at the Institute of Applied System Analysis (IIASA) (part-time), Laxenburg</p> <p>1995-1997: Researcher, ex-officio trustee and acting director of the Environmental Monitoring Group (EMG), Cape Town, South Africa</p> <p>1985-1995: Researcher, head of department and director at the Austrian Institute of Applied Ecology, Vienna</p> <p>1984-1987: Public official at the Austrian Federal Ministry of Social Administration</p> <p>1978-1984: Journalist for newspapers, periodicals, technical journals, a music journal</p> <p>1975-1982: Internships in companies: Verbundgesellschaft (power supplier) (1975, 1982), Dampfkraftwerk Korneuburg (thermal power plant) (1976, 1980), Kraft&Wärme (building services engineering company) (1978), Mobil Oil (1977)</p>	
Research Topics	<ul style="list-style-type: none"> ▪ Material flow accounting, circular economy ▪ Socio-ecological transition, labour in the context of socio-ecological transitions ▪ Development and sustainability, environmental justice ▪ Local studies, protected areas ▪ Sustainability and health, health and climate change ▪ Inter- and transdisciplinarity 	
Project Experience (Selection of recent years)	<p>2018-2023: MAT_STOCKS - Understanding the Role of Material Stock Patterns for the Transformation to a Sustainable Society (ERC Advanced Grant; researcher)</p> <p>2017-2019: HealthFootprint - The Carbon Footprint of Austria's Health Sector (ACRP, Austrian Climate Research Program; researcher)</p> <p>2017-2019: Time lags in transformative processes: Temporal dynamics between policy design, implementation and market diffusion of low carbon technologies (ACRP, Austrian Climate Research Program; researcher and work package leader)</p> <p>2017-2018: SR Health – APCC Special Report Health, Demography and Climate Change (ACRP, Austrian Climate Research Program; project leader and co-chair)</p> <p>2016-2018: RefGovCC.AT - Reflexive Governance in a Changing Climate: How to Address Uncertainties in Transformation Strategies? (ACRP, Austrian Climate Research Program; researcher)</p>	

	<p>2016-2017: Development of a Sankey Diagram and Database for Bulk Material Flows and Stocks in Europe (Expert Contract for the European Commission JRC)</p> <p>2015-2017: COSIMA - Governing community-based social innovation for climate change mitigation and adaptation (ACRP, Austrian Climate Research Program; researcher and project leader)</p> <p>2015-2017: MISO – Material Inputs, Stocks and Outputs: Model of global material flows and stocks (Austrian Science Fund FWF; researcher)</p> <p>2014-2016: ClimBHealth – Co-Benefits for Climate and Health (Austrian Climate Research Program; project leader and researcher)</p> <p>2012-2016: Welfare, Wealth and Work for Europe – WWWforEurope (European Commission FP7, researcher)</p> <p>2013-2015: COIN – Cost of Inaction: “What are the costs arising from climate change in Austria, if we fail to adapt?” (ACRP, Austrian Climate Research Program; work package leader and researcher)</p> <p>2011-2015: NEUJOBS – Creating and Adapting Jobs in Europe in the Context of a Socio-Ecological Transition (European Commission FP7; work package leader and researcher)</p> <p>2010-2011: Analysis of the key contributions to resource efficiency (European Commission DG ENV; work package leader and researcher)</p> <p>2011-2015: EJOLT – Environmental Justice Organisations, Liabilities and Trade (European Commission FP7; work package leader and researcher)</p> <p>2008-2010: CEECEC - Civil society Engagement with ECological EconomiCs (European Commission FP7; work package leader and researcher)</p> <p>2008-2010: Preliminary scientific studies in preparation of the Austrian strategy for adaptation to climate change BMLFUW; project leader and researcher)</p> <p>2006-2013: Transdisciplinary project series to explore with hospitals and experts of the health system how hospitals can improve their sustainability performance. (funded by BMVIT, FFG; project leader and researcher)</p> <p>2008-2010: Youth@risk - Risk awareness of young people - risks from the perspective of young people, science and the media (Sprakling Science – BMWF; WP leader and researcher)</p> <p>2007-2010: Recover - Viable Futures for the Andaman and Nicobar Archipelago (Austrian Science Fund FWF; project co-leader and researcher)</p>
Teaching & Supervision	<p>Alpen Adria Universität</p> <hr/> <p>1999- Interdisciplinary research: from idea to evaluation (all terms) (team teaching)</p> <p>2012- Health in the context of Sustainable Development (summer terms) (team teaching)</p> <p>2015- Seminar for master/doctoral students; area society and environment (all terms)</p> <p>2017 Environmental and climate Justice as joint video conferencing course with University of Michigan (summer semester) (team teaching)</p> <p>2012- Analyzing Local Rural Systems (summer terms) (team teaching) (joint course with University of South Bohemia/České Budějovice and Masaryk University/Brno)</p> <p>2007-09 Ecological Anthropology (summer term) (team teaching)</p> <p>2010-12 From studying to work (summer terms) (team teaching)</p> <p>2015- Supervision of master theses – completed: 5 as pre-reviewer and 15 as supervisor</p> <p>2011-14 Co-supervision of doctoral thesis</p> <p>University of Vienna</p> <hr/> <p>2007 Working in Teams (winter term) (team teaching) (for the Sociology Institute)</p>

	<p>2006 The Anthropology of Development (summer term) (team teaching) (for Social and Cultural Anthropology Institute)</p> <hr/> <p>International courses</p> <p>2014 E-Learning course: Ecological Economics from the Bottom-Up - University for International Cooperation (summer term) (team teaching) (follow up course from below)</p> <p>2010 E-Learning course: Ecological Economics from the Bottom-Up - With 25 students from across the globe (summer term) (team teaching) (part of the project CEECEC (Civil Society Engagement with ECological EConomics))</p>
<p>Conferences (Selection from recent years)</p>	<p>Haas, W. 2019. APCC Special Report Gesundheit, Demographie und Klimawandel. Anpassung an den Klimawandel in Wien, 11.03.2019, Wien, AUSTRIA</p> <p>Haas, W. 2019. Gesundheit im Anthropozän, einer Epoche zunehmend menschengemachter Umwelt. 21. Österreichische Gesundheitsförderungskonferenz 6. Juni 2019, Innsbruck</p> <p>Haas, W. 2019. Klimawandel und/oder „Gesundheit für alle“? 22. wissenschaftlichen Tagung der Österreichischen Gesellschaft für Public Health (ÖGPH) 22. und 23. Mai 2019 /Austria Trend Hotel Savoyen Vienna, Wien</p> <p>Haas, W. 2019. Gesundheit im Klimawandel: Special Report Health. Klima Wandel Dialog, 29.03.2019, Wien, AUSTRIA</p> <p>Haas, W. 2019. Klima und Gesundheit. Österreichs Klimapolitik am Prüfstand. Grüne Strategien - eine Dialogreihe. Teil 3: Klima und Armut, 22.02.2019, Wien, AUSTRIA</p> <p>Haas, W. 2019. Von zirkulären Diskursen und materiellen Linearitäten: eine Bestandsaufnahme. Interdisziplinäre Ringvorlesung „Global Challenges“ - Circular Economy, APR 30, 2019, TU Darmstadt, DEUTSCHLAND</p> <p>Gingrich, S; Lechner, T; Knevels, R; Haas, W; Brenning, A; Goetz, H; Heiss, G; Köstl, M; Loibl, W; Plutzar, C; Stefan, C; Proske, H; Leopold, P. 2018. Landnutzungsgeschichte und Hangrutschungen: Zusammenhänge und Relevanz für die Raumplanung. LTER-Austria Konferenz 2018, JUN 25-26, 2018, Admont, ÖSTERREICH</p> <p>Görg, C; Haas, W; Niedertscheider, M. 2018. Austrian Climate Policies and GHG emissions since 1990. What is the role of climate policy integration?. 19. Österreichischer Klimatag, Climate Change Centre Austria, APR 23-25, 2018, Salzburg, AUSTRIA</p> <p>Haas, W. 2018. APCC Special Report Gesundheit, Demographie und Klimawandel. Workshop zur Präsentation des APPC Special Report vor der Öffentlichkeit, SEP 10, 2018, Wien, AUSTRIA</p> <p>Haas, W. 2018. Co-benefits of health adaptation and mitigation measures. UN Climate Change Conference (COP 24), Side Event (Networking event in Austrian Pavillion with CCCA members: Synergies between climate change adaptation and mitigation: perspectives on health and risk in cities and regions), DEC 3-14, 2018, Katowice, POLAND</p> <p>Haas, W. 2018. Ende des Wachstums, Befreiung (von) der Arbeit? Szenarien, Kontroversen und Perspektiven im Degrowth-Diskurs. Kommentar. Arbeit – Lebensführung – Nachhaltigkeit. Tagung vom 25.-26. Jänner 2018, Hamburg</p> <p>Haas, W. 2017. Warum eine große Transformation heute so unmöglich scheint ... und denkmögliche Pfade. Einleitungsreferat. ÖGUT Jahrestagung, 19 November 2017, Vienna</p> <p>Haas, W., Krausmann, F., Wiedenhofer, D., Lauk, C. 2017. State of the EU28's circularity: Challenging but also stimulating. Keynote at the Circular Economy Stakeholder Conference: One year after adoption, working together for the future, 9-10 March 2017, Brussels</p> <p>Haas, W. 2017. Climate change and healthcare systems: A reciprocal relationship with risks and opportunities. Keynote at the 25th International Conference on Health Promoting Hospitals and Health Services, April 14 2017, Vienna</p>

- Haas, W. 2016. Learnings from an Austrian rural case to foster leapfrogging unsustainable practices in the global South. Presentation at 5th International Degrowth Conference "Creating new visions", September 1 2016, Budapest
- Haas, W., Hausknost, D. 2016. Enabling Conditions and Impediments to the Stabilisation and Mainstreaming of Low-Carbon Practices. Presentation at the Third ISA Forum of Sociology, July 12 2016, Vienna University
- Haas, W., Görg, C. 2016. Long-Term Transitions and Social-Ecological Transformations – Integrating Different Spatial and Temporal Scales. Presentation at the Third ISA Forum of Sociology, July 12 2016, Vienna University
- Haas, W., Krausmann, F., Wiedenhofer, D. 2016. Global economy's circularity: Current state and future options. Invited presentation at the Industrial Ecology conference: Science, the Environment and the Circular Economy, April 25 2016, Brussels
- Haas, W., Weisz, U., Lauk, C., Hutter, HP., Ekmekcioglu, C., Kundi, M., Moshhammer, H., Wallner, P., Steininger, K., Wolking, B., Griebler, R., Nowak, P., Klein, Ch., Delcour, J., Theurl, MC. 2016. Climate and health co-benefits from changes in urban mobility and diets: preliminary results. Presentation at 17. Österreichischer Klimatag: Aktuelle Klimaforschung in Österreich, April 8 2016, Graz
- Haas, W., Wiedenhofer, D. 2015. Von Neubau zum Umbau - Welche Ressourcenstrategie braucht die Energieautonomie Vorarlberg? Keynote at the Energy Lounge, November 17 2015, Architekturinstitut, Dornbirn
- Haas, W., Wolking, B., Maier, P. 2015. Bringing health co-benefits of changes in urban mobility into the debate: Scenarios as intersection between science and policy. Presentation at International Transdisciplinarity Conference 2015, September 9, Basel
- Haas, W., Wolking, B., Maier, P. 2015. Presentation at the 5th World Sustainability Forum, September 8 2015, Basel
- Haas, W., Krausmann, F., Wiedenhofer, D. 2015. The pathway to circularity: An assessment of material flows and loops in the EU and the world. Poster presentation at the 8th Biennial Conference of the International Society for Industrial Ecology (ISIE 2015), Taking Stock of Industrial Ecology, July 9 2015, University of Surrey, Guildford
- Haas, W. 2015. How circular is the global economy? Invited presentation and round table discussion at the Open Source Circular Economy Days - International Circular Economy Google Hangout (Virtual Conference), June 6 2015, Host based in Cape Town
- Haas, W. 2014. Exploring human labour in times of low carbon and no growth economies. Presentation at the 4th International Conference on Degrowth for Ecological Sustainability and Social Equity, September 3 2014, University of Leipzig
- Winterfeld, U., Biesecker, A., Haas, W., O'Neill, D., Littig, B. 2014. Degrowth economy: What does this mean with regard to concepts of work? Panel discussion with presentations by each panel member at the 4th International Conference on Degrowth for Ecological Sustainability and Social Equity, September 3 2014, University of Leipzig
- Haas, W., Krausmann, F., Wiedenhofer, D., Heinz, M. 2014. Current state and future options for the global economy's circularity. Presentation at International Society for Ecological Economics (ISEE) Conference 2014: Wellbeing and Equity within Planetary Boundaries. August 14 2014, University of Iceland, Reykjavik
- Haas, W., Fischer-Kowalski, M. 2014. Labour in transition: past and future. Presentation at the third high level NEUjobs Brainstorming Workshop. July 10 2014, Brussels
- Haas, W., Fischer-Kowalski, M. 2014. Relating Human Labour to Socioecological Transitions: An Exploration. Presentation at 15. Österreichischer Klimatag, April 3 2014, Universität Innsbruck
- Haas, W., Krausmann, F., Wiedenhofer, D. 2013. Kreislaufwirtschaft und Klimaschutz: Synergien, Potenzial und Limitierungen. Presentation at 14. Österreichischer Klimatag „Klimawandel, Auswirkungen und Anpassung sowie Vermeidung“, April 5 2013, Universität für Bodenkultur, Vienna

	<p>Haas, W., Krausmann, F., Wiedenhofer, D. 2011. Potentials and Limits of Recycling in a Socio-metabolic Context. Presentation at the World Resources Forum, September 19, 2011, Davos</p> <p>Haas, W., Smetschka, B. 2011. Teaching transdisciplinarity: Evaluating competencies as part of a continuous learning process for both teachers and students. Invited presentation at IASH Workshop on Competencies for Inter- and Transdisciplinary Research and Learning: Enhancing Communication and Training the Next Generation, Post-Conference Programme of the Td-conference, September 15 2011, Bern</p> <p>Haas, W., Weisz, U. 2011. Assessing vulnerability to climate change: concepts and strategies for nation-wide action. Invited presentation at the Summer University Course "Adaptation and Adaptive Governance of Ecosystems", June 30, 2011, Central European University, Budapest</p>
Publications	<p>Peer-reviewed Articles</p> <hr/> <p>Glatter-Götz, H., Mohai, P., Haas, W., & Plutzer, C. 2019. Environmental Inequality in Austria: Do inhabitants' socioeconomic characteristics differ depending on their proximity to industrial polluters? <i>Environmental Research Letters</i>. https://doi.org/10.1088/1748-9326/ab1611</p> <p>Hausknost, D., Haas, W. 2019. The Politics of Selection: Towards a Transformative Model of Environmental Innovation. <i>Sustainability, Special Issue Scenarios and Indicators for Sustainable Development – Towards A Critical Assessment of Achievements and Challenges</i>, https://doi.org/10.3390/su11020506</p> <p>Wiedenhofer, D., Krausmann, F., Lauk, Ch., Fishman, T., Haas, W. 2019. Integrating material stock dynamics into economy-wide material flow accounting: concepts, modelling, and global application for 1900-2050. <i>Journal of Ecological Economics</i>, https://doi.org/10.1016/j.ecolecon.2018.09.010</p> <p>Mayer, A., Haas, W., Wiedenhofer, D., Krausmann, F., Nuss, P., Blengini, G.A. 2019. Measuring Progress towards a Circular Economy - A Monitoring Framework for Economy-wide Material Loop Closing in the EU28. <i>Journal of Industrial Ecology</i>, https://doi.org/10.1111/jiec.12809</p> <p>Krausmann, F., Lauk, C., Haas, W., Wiedenhofer, D. 2018. From resource extraction to outflows of wastes and emissions: The socioeconomic metabolism of the global economy, 1900-2015. <i>Global Environmental Change</i>, https://doi.org/10.1016/j.gloenvcha.2018.07.003</p> <p>Jacobi, N., Haas, W., Wiedenhofer, D., Mayer, A. 2018. Economy-wide monitoring of the Circular Economy – A case study. <i>Resources, Conservation and Recycling</i> 37, 156-166, https://doi.org/10.1016/j.resconrec.2018.05.022</p> <p>Wolkingner, B., Haas, W., Bachner, G., Weisz, U., Steininger, K., Hutter, H.P., Delcour, J., Griebler, R., Mittelbach, B., Maier, P., Reifeltshammer, R. 2018. Evaluating Health Co-Benefits of Climate Change Mitigation in Urban Mobility. <i>Environmental Research and Public Health</i> 15, 880; doi:10.3390/ijerph15050880</p> <p>Schäfer, M., Hielscher, S., Haas, W., Hausknost, D., Leitner, M., Kunze, I., Mandl, S. 2018. Facilitating low-carbon living? A comparison of intervention measures in different community-based initiatives. <i>Sustainability</i> 10, 1047; doi:10.3390/su10041047</p> <p>Hausknost, D., Haas, W., Schäfer, M., Hielscher, S., Leitner, M., Kunze, I., Mandl, S. 2018. Investigating Patterns of Local Climate Governance: How low-carbon municipalities and intentional communities intervene into social practices. <i>Environmental Policy and Governance</i> 2018:1-12; DOI: 10.1002/eet.1804</p> <p>Niedertscheider, M., Haas, W., Görg, C. 2018. Austrian climate policies and GHG-emissions since 1990: What is the role of climate policy integration? <i>Environmental Science and Policy</i>; https://doi.org/10.1016/j.envsci.2017.12.007</p>

- Haas, W.** and Andarge, H.B. 2017. More Energy and Less Work, but New Crises: How the Societal Metabolism-Labour Nexus Changes from Agrarian to Industrial Societies. *Sustainability* 9, p. 1041, doi:10.3390/su9071041
- Krausmann, F., Wiedenhofer, D., Lauk, C., **Haas, W.**, Tanikawa, H., Fishman, T., Miatto, A., Schandl, H., Haberl, H. 2017. Global socioeconomic material stocks rise 23-fold over the 20th century and require half of annual resource use. *PNAS*
- Mayer, A., **Haas, W.**, Wiedenhofer, D. 2017. How countries' resource use history matters for human well-being – an investigation of global patterns in cumulative material flows from 1950-2010. In: *Journal of Ecological Economics*. DOI: 10.1016/j.ecolecon.2016.11.017
- Mayer, A. and **Haas, W.** 2016. Cumulative material flows provide indicators to quantify the ecological debt. In: *Journal of Political Ecology* 23: 350-363
- Ekmekcioglu, C., Wallner, P., Kundi, M., Weisz, U., **Haas, W.** and Hutter, H.P. 2016. Red Meat, Diseases and Healthy Alternatives: A Critical Review. In: *Critical Reviews in Food Science and Nutrition*, April, 1-15. doi:10.1080/10408398.2016.1158148
- Haas, W.**, Krausmann, F., Wiedenhofer, D. and Heinz, M. 2015. How circular is the global economy? An assessment of material flows, waste production and recycling in the EU and the world in 2005. In: *Journal of Industrial Ecology*, DOI: 10.1111/jiec.12244
- Wiedenhofer, D., Eisenmenger, N., **Haas, W.**, Steinberger, J. 2015. Maintenance and Expansion: Modelling Material Stocks and Flows for Residential Buildings and Transportation Networks in the EU25. In: *Journal of Industrial Ecology*, DOI: 10.1111/jiec.12216
- Martinez-Alier, J., Anguelovski, I., Bond, P., Demaria, F., Gerber, J. F., Greyl, L., **Haas, W.**, Marín-Burgos, V., Ojo, G., Rijnhout, L., Rodríguez-Labajos, B., Spangenberg, J., Temper, L., Yanez, I. 2014. Between activism and science: grassroots concepts for sustainability coined or largely used by EJOs. *Journal of Political Ecology* 21, pp. 19-60
- Wiedenhofer, D., Rovenskaya, E., **Haas, W.**, Krausmann, F., Pallua, I., Fischer-Kowalski, M. 2013. Is there a 1970s Syndrome? Analyzing Structural Breaks in the Metabolism of Industrial Economies. *Energy Procedia*, 40, pp. 182-191.
- Hutter, H.P., Kundi, M., Moshhammer, H., **Haas, W.**, Weisz, U., Niederkrotenthaler, T., Wallner, P. 2011. Anpassungsmaßnahmen zur Reduktion von klimawandelinduzierten Gesundheitsrisiken in Österreich: Schwerpunkt Extremwetterereignisse. *Prävention und Gesundheitsförderung*, 6 (3), pp. 164-171
- Weisz, U., **Haas, W.**, Pelikan, J.M., Schmied, H. 2011. Sustainable hospitals: a socio-ecological approach. *GAIA*, 20 (3), pp. 191-198
- Ornetzeder, M., Hertwich, E., Hubacek, K., Korytarova, K., **Haas, W.** 2008. The Environmental Effect of Car-free Housing: A Case in Vienna. In: *Ecological Economics*, Volume 65 (3), pp. 516-530
- Haas, W.**, Grünbühel, C., Haberl, H. 2003. Flood-induced changes in socio-economic metabolism - A local case study of flood impacts on society. In: *Forstliche Schriftenreihe Band 18, Water and Society - Needs, challenges, and restrictions*, pp. 53-64

Book chapters and edited volumes

- Singh, S.J., Fischer-Kowalski, M. and **Haas, W.** "The Sustainability of Humanitarian Aid: The Nicobar Islands as a Case of 'Complex Disaster.'" In *The Asian Tsunami and Post-Disaster Aid*, edited by Sunita Reddy, 143–65. Singapore: Springer Singapore, 2018. https://doi.org/10.1007/978-981-13-0182-7_8
- Fraňková, E., **Haas, W.** and Singh, J.S. 2018. *Socio-Metabolic Perspectives on the Sustainability of Local Food Systems - Insights for Science, Policy and Practice*. Springer, Cham Heidelberg New York Dordrecht London
- Fraňková, E., **Haas, W.** and Singh, J.S. 2018. Introduction: Key Concepts, Debates and Approaches in the Sustainability of Agri-Food Systems. In: *Socio-Metabolic Perspectives on the Sustainability of Local Food Systems - Insights for Science, Policy and Practice*.

- (Eds.) Fraňková, E., Haas, W. and Singh, J.S., Springer, Cham Heidelberg New York Dordrecht London, p. 1-24
- Singh, J.S., **Haas**, W. and Fraňková, E. 2018. Conclusions: Promises and Challenges for Sustainable Agri-food Systems. In: *Socio-Metabolic Perspectives on the Sustainability of Local Food Systems - Insights for Science, Policy and Practice*. (Eds.) Fraňková, E., Haas, W. and Singh, J.S., Springer, Cham Heidelberg New York Dordrecht London, p. 345-356
- Haas**, W. and Andarge, H.B. 2016. Von der Agrar- zur Industriegesellschaft. Eine sozialmetabolische Sicht auf Arbeit. In: *Nachhaltige Arbeit. Sozialwissenschaftliche Perspektiven im Dialog* (Eds.) Barth, T., Jochum, G. and Littig B., Campus Verl., Frankfurt/M
- Fischer-Kowalski, M. and **Haas**, W. 2016. Towards a socioecological theory of human labour. In: *Social Ecology: Society-nature Relations across Time and Space* (Eds.) Haberl, H., Fischer-Kowalski, M., Krausmann, F. and Winiwarter V., Springer, Cham Heidelberg New York Dordrecht London
- Haas**, W., Krausmann, F. Wiedenhofer, D. and Heinz, M. 2016. How Circular is the Global Economy? A Sociometabolic Analysis. In: *Social Ecology: Society-nature Relations across Time and Space* (Eds.) Haberl, H., Fischer-Kowalski, M., Krausmann, F. and Winiwarter V., Springer, Cham Heidelberg New York Dordrecht London
- Haas**, W. 2016. Method box: Transdisciplinarity. In: *Social Ecology: Society-nature Relations across Time and Space* (Eds.) Haberl, H., Fischer-Kowalski, M., Krausmann, F. and Winiwarter V., Springer, Cham Heidelberg New York Dordrecht London
- Hausknost, D., Gaube, V., **Haas**, W., Smetschka, B., Lutz, J., Singh, J.S., Schmid, M. 2016. "Society can't move so much as a chair!" – Systems, Structures and Actors in Social Ecology. In: *Social Ecology: Society-nature Relations across Time and Space* (Eds.) Haberl, H., Fischer-Kowalski, M., Krausmann, F. and Winiwarter V., Springer, Cham Heidelberg New York Dordrecht London
- Singh, J.S. and **Haas** W. 2016. Complex Disasters on the Nicobar Islands. In: *Social Ecology: Society-nature Relations across Time and Space* (Eds.) Haberl, H., Fischer-Kowalski, M., Krausmann, F. and Winiwarter V., Springer, Cham Heidelberg New York Dordrecht London
- Singh, J.S. and **Haas** W. 2016. Method Précis: A Methodological Guide to Local Studies. In: *Social Ecology: Society-nature Relations across Time and Space* (Eds.) Haberl, H., Fischer-Kowalski, M., Krausmann, F. and Winiwarter V., Springer, Cham Heidelberg New York Dordrecht London
- Weisz, U. and **Haas**, W. 2016. Health from a socio-ecological perspective. In: *Social Ecology: Society-nature Relations across Time and Space* (Eds.) Haberl, H., Fischer-Kowalski, M., Krausmann, F. and Winiwarter V., Springer, Cham Heidelberg New York Dordrecht London
- Weisz, U., **Haas**, W. und Hellmer, S. 2016. Soziale Ökologie im Krankenhaus – über eine transdisziplinäre Zusammenarbeit und deren Wirksamkeit. In: *Interventionsforschung II. Anwendungsfelder* (Eds.) Krainer L. und Lerchster R., Springer VS, Wiesbaden
- Wiedenhofer, D., **Haas**, W., Neundlinger, M., and Eisenmenger, N. 2016. The role of material stocks for sustainable development. In: *Social Ecology: Society-nature Relations across Time and Space* (Eds.) Haberl, H., Fischer-Kowalski, M., Krausmann, F. and Winiwarter V., Springer, Cham Heidelberg New York Dordrecht London
- Beblavý, M., Hudáčková, S., Wiedenhofer, D. and **Haas**, W. 2015. The Future Of Labour In Europe II: An Overview. In: *Let's get to work! The Future of Labour in Europe. Vol. 2.* (Eds.) Belavy, M., Maselli, I., Veselkova, M., Centre for European Policy Studies, Brussels
- Haas**, W., Weisz, U., Maier, P., Scholz, F. 2015. Human Health. In: *Economic Evaluation of Climate Change Impacts: Development of a Cross-Sectoral Framework and Results for Austria* (Eds.) Steininger, K.W., König, M., Bednar-Friedl, B., Kranzl, L., Loibl, W. and Prettenhaler, F., Springer Climate, Cham Heidelberg New York Dordrecht London, pp. 189-212

- König, M., Loibl, W., **Haas**, W. and Kranzl, L. 2015. Shared-Socio-Economic Pathways. In: Economic Evaluation of Climate Change Impacts: Development of a Cross-Sectoral Framework and Results for Austria (Eds.) Steininger, K.W., König, M., Bednar-Friedl, B., Kranzl, L., Loibl, W. and Prettenhaler, F., Springer Climate, Cham Heidelberg New York Dordrecht London, pp. 75-89
- Fischer-Kowalski, M., **Haas**, W. 2014. Exploring the transformation of human labour in relation to socioecological transitions. In: Let's get to work! The Future of Labour in Europe (Eds.) Belavy, M., Maselli, I., Veselkova, M., Centre for European Policy Studies, Brussels, pp. 56-84
- Veselkova, M., Beblavy, M., Fischer-Kowalski, M., **Haas**, W., Wiedenhofer, D., Weisz, U., Pallua, I., Possanner, N., Weis, E. 2014. Emerging Megatrends and scenarios in the socio-ecological transitions. In: Let's get to work! The Future of Labour in Europe (eds.) Belavy, M., Maselli, I., Veselkova, M., Centre for European Policy Studies, Brussels, pp. 14-28
- Haas**, W. and Hellmer, S. 2014. Differenzen wahrnehmen und erfahren. In: Interdisziplinär und Transdisziplinär forschen. Praktiken und Methoden (Eds.) Dressel, G. Berger, W., Heimerl, K. und Winiwarter, V., Bielefeld: transkript Verlag, pp. 51-64
- Haas**, W., Singh, S.J., Erschbamer, B., Reiter, K., Walz, A. 2013. Integrated Monitoring and Sustainability Assessment in the Tyrolean Alps: Experiences in Transdisciplinarity. In: Long Term Socio-Ecological Research. Studies in Society - Nature Interactions Across Spatial and Temporal Scales (Eds.) Singh, S.J., Haberl, H., Chertow, M., Mirtl, M. and Schmid, M. Springer, Cham Heidelberg New York Dordrecht London, pp. 527-554
- Singh, S.J., **Haas**, W., 2012. Aid, social metabolism and social conflict in the Nicobar islands. In: Ecological Economics from the Ground Up (Eds.) Healy, H., Martínez-Alier, J., Temper, L., Walter, M. and Gerber, J.F. Routledge, Abingdon, pp. 35-54
- Haas**, W. 2004. Alles im Fluss – Hochwasser forciert Klimaänderung? In: Wege zum Wasser. Impulse für Bildung und Beteiligung – Eine Auslese mit Zukunft. (Ed.) Umweltdachverband. Forum Umweltbildung, Wien. pp. 60-65, ISBN: 3-900717-57-5
- Bruckner**¹, W. 2001. Mit Wissen entscheiden – Wissensmanagement in NPOs. In: Management der Nonprofit Organisation (Ed.) Simsa R., Schäffer Poeschel, Stuttgart, pp. 131-142
- Bruckner**¹, W. 1996. Risiko-Dialog – Der Tanz um den heiklen Kern. In: Risiko-Dialog – Zukunft ohne Harmonieformel. (Eds.) Königswieser, R., Haller, M., Maas, P. und Jarmaj, H., Deutscher Institutsverlag, Köln. pp. 237-248
- Bruckmoser, M., **Bruckner**¹, W., Federspiel, K., Fischer-Kowalski, M., Knoflacher, M., Lackner, C., Mitterböck, F., Weiss, H. 1988. Öko-Bilanz Österreich - Zustand, Entwicklungen, Strategien. Ed. M. Fischer-Kowalski. Falter, Wien 1988, ISBN 3462018841

Assessment reports

- Haas, W., Moshammer, H., Muttarak, R., Balas, M., Ekmekcioglu, C., Formayer, H., Kromp-Kolb, H., Matulla, C., Nowak, P., Schmid, D., Striessnig, E., Weisz, U., Allerberger, F., Auer, I., Bachner, F., Baumann-Stanzer, K., Bobek, J., Fent, T., Frankovic, I., Gepp, C., Groß, R., Haas, S., Hammerl, C., Hanika, A., Hirtl, M., Hoffmann, R., Koland, O., Offenthaler, I., Piringer, M., Ressler, H., Richter, L., Scheifinger, H., Schlatzer, M., Schlögl, M., Schulz, K., Schöner, W., Simic, S., Wallner, P., Widhalm, T., Lemmerer, K. (2018) Österreichischer Special Report Gesundheit, Demographie und Klimawandel – Zusammenfassung für Entscheidungstragende und Synthese (ASR18). Austrian Panel on Climate Change (APCC), Wien, Österreich, p. 103
- König, M., Loibl, W., Steiger, R., Aspöck, H., Bednar-Friedl, B., Brunner, K.M., **Haas**, W., Höferl, K.M., Huttenlau, M., Walochnik, J., Weisz, U. 2014. Climate change impacts on the anthroposphere. In: Österreichischer Sachstandsbericht Klimawandel 2014 (AAR14). Austrian Panel on Climate Change (APCC), Austrian Academy of Sciences, Vienna, pp. 641–704
- Balas, M., Baumann, M., Buchner, B., Gaube, V., **Haas**, W., Kienberger, S., König, M., Köppl, A., Kranzl, L., Matzenberger, J., Mechler, R., Nakicenovic, N., Omann, I., Prutsch, A.,

Scharl, A., Steininger, K., Steurer, R., Türk A. 2014. Mitigation and adaptation to climate change. In: Österreichischer Sachstandsbericht Klimawandel 2014 (AAR14). Austrian Panel on Climate Change (APCC), Austrian Academy of Sciences, Vienna, pp. 707–770

Other publications

Haas, W. 2019. From Throwaway Society to Circular Economy: Solution or Comforting Illusion? Europe Now 7.5.2019, <https://www.europenowjournal.org/2019/05/06/from-throwaway-society-to-circular-economy-solution-or-comforting-illusion/>

Haas, W. 2018. Fossile Transportstrukturen - Verbauen sie eine klimaneutrale Zukunft? BusinessArt 3/2018, <http://www.businessart.at/businessart-32018-transport-mobilitaet>

Haas, W. 2018. Zurück an den Anfang: Konsequente Kreislaufführung fordert unser Wirtschaftsmodell heraus. Europainfo 2/18, p. 20-21, <https://www.eu-umweltbuero.at/assets/EU-Umweltbuero/Magazin-EUropainfo/EUropainfo-2-18-final.pdf>

Haas, W., Hausknost, D., Hielscher, S., Jacobi, N., Kunze, I., Leitner, M., Mandl, S. and Schäfer, M. 2017. Governing Community-Based Social Innovation for Climate Change Mitigation and Adaption. In: Essence, issue: Partizipation, Austrian Climate Research Programme, Klima+Energie Fonds, Wien, p. 5-13, https://www.klimafonds.gv.at/assets/Uploads/Broschren/ACRP-in-Essence/KLIEN_ACRP_Partizipation.pdf

Haas, W., König, M., Pech, M., Pretenthaler, F., Prutsch, A., Steininger, K.M., Themessl, M., Wagner, G. and Wolf, A. 2015. Die Folgeschäden des Klimawandels in Österreich. In: Essence, Sonderheft, Austrian Climate Research Programme, Klima+Energie Fonds, Wien, p. 53, ISBN 978-3-200-03926-1

Amt der Kärntner Landesregierung. 2013. Klima und Gesundheit. AutorInnen: Leitung: Hutter, H.P., und Wallner, P.; Ko-AutorInnen: Alex, B., Arnberger, A., Eder, R., Gerersdorfer, T., **Haas, W.**, Koch, E., Kundi, M., Mauritz, E., Moshhammer, Weisz, U., Gebundene Broschüre, Klagenfurt; p. 107

Working papers

Nuss, P., Blengini, G.A., **Haas, W.**, Mayer, A., Nita, V., Pennington, D. 2017. Development of a Sankey Diagram of Material Flows in the EU Economy based on Eurostat Data (No. EUR 28811 EN), JRC technical reports. Publications Office of the European Union, Luxembourg, p. 45

Mayer, A., Schaffartzik, A., **Haas, W.**, Sepulveda, A.R. 2015. Patterns of global biomass trade and the implications for food sovereignty and socio-environmental conflict. EJOLT Report No. 20, p. 106

Haas, W. and Krausmann, F. 2015. Transition-related changes in the metabolic profile of an Austrian rural village. Workingpaper Social Ecology 155, IFF Social Ecology, Vienna, 42 Seiten ISSN 1726-3816

Krausmann, F., Weisz, H., Eisenmenger, N., Schütz, H., **Haas, W.**, Schaffartzik, A. 2015. Economy-wide Material Flow Accounting - Introduction and Guide. Workingpaper Social Ecology 151, IFF Social Ecology, Vienna, 133 Seiten ISSN 1726-3816

Haas, W. 2014. Cornerstones of the material dimensions of the EU economy. Neujobs Workingpaper No. D1.3, Centre for European Policy Studies (CEPS), Brussels, p. 20

Fischer-Kowalski, M., Wiedenhofer, D., **Haas, W.**, Pallua, I., Hausknost, D. 2013. Developing Resource use Scenarios for Europe. WWWforEurope Working Paper No. 25 – WIFO-Publikation, Vienna, p. 66

GRAIN, Martinez-Alier, J., Temper, L., Munguti, S., Matiku, P., Ferreira, H., Soares, W., Porto, M. F., Raharinirina, V., **Haas, W.**, Singh, S. J., Mayer, A. 2014. The many faces of land grabbing. Cases from Africa and Latin America. EJOLT Report No. 10, p. 93

- Hausknost, D. and **Haas**, W. 2013, The Role of Innovation in a Socio-Ecological Transition of the European Union. Neujobs Workingpaper No. D1.4, Centre for European Policy Studies (CEPS), Brussels, p. 35
- Fischer-Kowalski, M., **Haas**, W., Wiedenhofer, D., Weisz, U., Pallua, I., Possanner, N., Behrens, A., Serio, G., Alessi, M., Weis, E. 2012. Socio-ecological transitions: definition, dynamics and related global scenarios. Neujobs State of the Art Report No. 6/D1.1 and Workingpaper No. D1.2, Centre for European Policy Studies (CEPS), Brussels, p. 304
- Singh, S.J., Ringhofer, L., **Haas**, W., Krausmann, F., Lauk, C., and Fischer-Kowalski, M. 2010. Local Studies Manual: A researcher's guide for investigating the social metabolism of rural systems. Social Ecology Working Paper 120, IFF Social Ecology, Vienna, p. 74, ISSN 1726-3816
- Weisz, U., **Haas**, W., Pelikan, J.M., Schmied, H., Himpelmann, M., Purzner, K., Hartl, S., David, D. 2009. Das nachhaltige Krankenhaus. Erprobungsphase. Social Ecology Working Paper 119, IFF Social Ecology, Vienna, p. 230, ISSN 1726-3816
- Haas**, W., Hertwich, E., Hubacek, K., Korytarova, K., Ornetzeder, M., Weisz, H. 2005. The Environmental Impacts of Consumption: Research Methods and Driving Forces. IIASA Interim Report IR-05-027
- Amann, C., **Bruckner**¹, W., Fischer-Kowalski, M., Grünbühel, C.M. 2002. Material flow accounting in Amazonia as a tool for monitoring sustainable development Amazonia 21. Social Ecology Working Paper 63, IFF Social Ecology, Vienna, ISSN 1726-3816
- Bruckner**¹, W., Fischer-Kowalski, M. and Jorde T. 1998. NEMO: Entwicklungsprogramm für ein Nationales Emissionsmonitoring. Social Ecology Working Paper 53, IFF Social Ecology, Vienna, Wien, ISSN 1726-3816

Project reports (selection)

- Haas**, W., Hausknost, D., Hielscher, S., Kunze, I., Leitner, M., Mandl, S., Schäfer, M. 2017: Governing community-based social innovation for climate change mitigation and adaptation. Endbericht ACRP (7th Call)
- Haas**, W., Weisz, U., Lauk, C. Hutter, H-P., Ekmekcioglu, C., Kundi, M., Moshhammer, H., Wallner, P., Steininger, K., Wolking, B., Mittelbach, B., Griebler, R., Delcour, J., Nowak, P., Theurl, M. (2016). Climate and health co-benefits from changes in urban mobility and diet: an integrated assessment for Austria. Endbericht ACRP Forschungsprojekte B368593
- Haas**, W., Pichler, M., Schaffartzik, A. 2017. Die Umsetzung der Sustainable Development Goals in Österreich: Sozial-ökologische Dimensionen ausgewählter Beispiele für Wissenschaft und Forschung. Enbericht für Bundesministerium für Wissenschaft, Forschung und Wirtschaft
- Hochgerner, J., Dobner, S., Feichtinger, J., **Haas**, W., Hausknost, D., Kulmer, V., Niederl, A., Omann, I., Seebauer, S. 2016. Grundlagen zur Entwicklung einer Low Carbon Development Strategy in Österreich. Klima- und Energiefonds
- Fischer-Kowalski, M., Wiedenhofer, D., **Haas**, W., Pallua, I., Hausknost, D. 2013. Scenarios implemented and used by macroeconomic models. Milestone 36: Documentation of scenarios implemented and used by macroeconomic models. www4Europe
- Weisz, B.U., Wegleitner, K.-J., **Haas**, W., Heimerl, K., Reiting, E. 2013. Nachhaltige Entwicklung in Konzepten von Gesundheitsförderung und Palliative Care: für ein gutes Leben für alle - bis zuletzt. Ergebnisse eines inter- und transdisziplinären Experiments (TRES) der IFF Institut für Soziale Ökologie (SEC) und Palliative Care und Organisationsethik (PallOrg). Gefördert durch die IFF
- Wiedenhofer, D., **Haas**, W. and Wieland, H. 2012. Die Relevanz des Ressourcenverbrauchs für die Energieautonomie Vorarlberg 2050 Strategie. Endbericht. 38 Seiten
- Brechelmacher, A., **Haas**, W., Lesjak, B., Pistotnik, S., Pleschberger, S., Rauch, F., Wallner, W., Wieser, B. 2011. iff Strategie 2020 - Empfehlungen zur strategischen Ausrichtung der

Fakultät für interdisziplinäre Forschung und Fortbildung. Fakultät für Interdisziplinäre Forschung und Fortbildung, Alpen-Adria Universitaet, Klagenfurt, Wien, Graz

- Haas, W., Reiter, K., Ertl, S., Prinz, M., Wagner, I., Wrбка, T., Erschbamer, B., Mayer, R., Ackermann, M., Neuenschwander, T., Walz, A.** 2011. Footprints - MaB Biosphärenpark Ötztal. Akademie der Wissenschaften, Wien
- Alaerts, K., Carreno, A.M., Dias, D., de Prado Trigo, A., Fischer-Kowalski, M., **Haas, W.**, Heinz, M., Lust, A., Mudgal, S., Tan, A., van der Linden, A., Vanderreydt, I. 2010. Analysis of the key contributions to resource efficiency. A project under the framework contract ENV.G.4/FRA/2008/0112. Final report. Biois, Paris
- Haas, W., Smetschka, B., Pallua, I.** 2010. Erhebung der Risikowahrnehmung von Jugendlichen durch Befragung. Teil des Endberichts des Projekts Youth@Risk: Risikowahrnehmung von Jugendlichen -Risiken aus der Sicht von Jugendlichen, Medien und Wissenschaft. (149/A) Im Rahmen des Programms Sparkling Science. Gefördert vom Bundesministerium für Wissenschaft und Forschung. Österreichisches Ökologie Institut, Institut für Pharmaökonomische Forschung, Institut für Soziale Ökologie (Univ. Klagenfurt), Institut für Unterrichts- und Schulentwicklung (Univ. Klagenfurt), Gymnasium der Abtei Schlierbach, Wien
- Haas, W., Weisz, U., Pallua, I., Amann, C., Pichler, A., Hüttler, W., Formayer, H., Balas, M.** 2010. Handlungsempfehlungen zur Anpassung an den Klimawandel in Österreich. Aktivitätsfeld "Bauen und Wohnen" und Aktivitätsfeld "Schutz vor Naturgefahren". Prozessdokumentation. Im Auftrag des Klima- und Energiefonds und in Vorbereitung eines Policy Papers des Lebensministeriums. Austroclim, Wien
- Haas, W., Weisz, U., Pallua, I., Hutter, H.P., Essl, F., Knoflacher, H., Formayer, H., Balas, M.** 2010. Handlungsempfehlungen zur Anpassung an den Klimawandel in Österreich. Aktivitätsfeld "Gesundheit", Aktivitätsfeld "Natürliche Ökosysteme & Biodiversität" und Aktivitätsfeld "Verkehrsinfrastruktur". Prozessdokumentation. Im Auftrag des Klima- und Energiefonds und in Vorbereitung eines Policy Papers des Lebensministeriums. Austroclim, Wien
- Weisz, U., **Haas, W.**, Pelikan, J.M., Schmied, H., Purzner, K., Aumayr, J. 2010. Das nachhaltige Krankenhaus. Transferphase. Endbericht an die Programmlinie Fabrik der Zukunft, Impulsprogramm Nachhaltiges Wirtschaften. BMVIT, Wien
- Schwarzl, I., **Haas, W.** 2009. Kommunikation an der Schnittstelle Wissenschaft und Bildung Endbericht StartClim.11, November 2003, BOKU-Met Report 4, ISSN 1994-4179 (Print), ISSN 1994-4187 (Online) – <http://www.boku.ac.at/met/report/>
- Haas, W., Grünbühel, C.M., Bodingbauer, B.** 2003. Hochwasser-bedingte Veränderungen des gesellschaftlichen Stoffwechsels: Fallstudie einer betroffenen Gemeinde. StartClim Endbericht
- Bruckner¹, W., Eisenmenger, N., Grünbühel, M. C., Lutz, J., Schandl, H., Schulz, B. N., Bechtold, U., Wilfing, H.** 2002. Gesellschaftliches Wissen & globale Nachhaltigkeit – GEWIN. Forschungsbericht
- Weisz, H., Amann, C., **Bruckner¹, W., Schandl, H.** 2000. Material Flow Analysis and Environmental Indicators. The Positioning of MFA in the European Discussion about Environmental Indicators. Forschungsbericht
- Bruckner¹, W., Fischer-Kowalski, M., Smetschka, B.** 1999. Conference 99: Nature, Society and History - Long Term Dynamics of Social Metabolism, Report/Forschungsbericht
- Christian, R., Koch, H., Haas, J., Chorherr, C., **Bruckner¹, W., Stoiber, W., Färbinger, K.** 1984. Energie 2030 – der sanfte Weg: Eine umweltfreundliche Variante der künftigen Energieversorgung Österreichs. Projektbericht. Österreichische Gesellschaft für Ökologie, Wien

ⁱ Bruckner was my name before marriage