

MATHIS WACKERNAGEL, PH.D.

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I. **OVERVIEW**

Mathis Wackernagel is a sustainability scientist and strategist, with focus on metrics and transformational tools. As co-creator of the Ecological Footprint, which are resource accounts that compare all the competing demands on nature's regeneration with the amount nature can renew, he emphasizes the significance of overshoot, and regeneration as the materially most limiting factor for the human economy.

To implement and mainstream Ecological Footprint accounting, he co-founded Global Footprint Network in 2003, an international sustainability think-tank. This international think-tank is dedicated to bringing about a sustainable human economy in which all thrive within the means of our one planet. Given that the only long-term option for humanity is to live off our planet's regeneration (rather than its liquidation), Global Footprint Network advances Ecological Footprint accounting as a support tool for this task.

Mathis's vision is to generate desire, agency, and curiosity for ending overshoot by design rather than by disaster. His main interest is in finding ways to help cities, companies and countries recognize the self-interest in addressing overshoot aggressively, overcoming the prevalent misconception that such action is not necessary or affordable.

Mathis's work with governments, corporations and international NGOs on six continents has earned Global Footprint Network or him dozens of international awards and recognitions, as well as two honorary doctorates. Before starting Global Footprint Network, he served as the director of the Sustainability Program at Redefining Progress in Oakland, California, and established the now closed "Centro de Estudios para la Sustentabilidad" at Anáhuac University in Xalapa, Mexico. Mathis has authored or contributed to over 100 peer-reviewed papers, numerous articles and reports and various books on sustainability that focus on the question of embracing limits and developing metrics for sustainability, including *Our Ecological Footprint: Reducing Human Impact on the Earth*; *Sharing Nature's Interest*; *Ecological Footprint: Managing our Biocapacity Budget*, and WWF International's *Living Planet Reports*.

II. PROFESSIONAL FOCUS

Mission

To help make *thriving within our planet's means* the overarching North Star for all, including countries, cities, and companies.

- *Scientific Inquiry*: What is the scientific basis, and corresponding research processes, for meaningful sustainability metrics?
- *Transformation*: What does it take for organizations, from companies to countries, to shift course? What are the barriers to the transformation and how can they be overcome? How do we generate motivation, including a deep sense of “skin in the game” among key decision-makers? What are the most effective processes to make obvious to participants that recognizing the necessity to succeed with the overarching goal (or contributing to the overarching goal) also is a necessary ingredient for one’s own success? What is the role of motivation, particularly generating desire, a sense of agency, and an attitude of curiosity vis-à-vis the unknown? How do we build alliances that accelerate the transformation? Where are the leverage points that lead to highest and most sustained impacts?
- *Engagement*: How do we make the transformation so engaging and desirable that it becomes a true invitation? How does engagement engender more intrinsic motivation among all participants in the context of the sustainability transformation?
- *Metric*: In the age of ecological overshoot, what do countries, cities, and companies need to know to operate effectively? How do we make information actionable, relevant, and empowering?

Impact

- Developed a metric that has become a main standard for the sustainability debate, and become part of the common vocabulary (‘footprint’). For instance, included in the World Economic Forum’s Competitiveness Report ([2018](#), [2019](#)) as a context indicator, mentioned by Pope Francis, Greta Thunberg, used as a CBD indicator, in WWF’s Living Planet Report, many national government programs, etc.
- Built and executed communication campaigns on the challenging topic of planetary limits that are now reaching over 7 billion media impressions per year (“[Earth Overshoot Day](#)”).
- Produced novel engagement tools, from the earliest web-based Ecological Footprint calculator, to mobile friendly calculators (www.footprintcalculator.org), solution maps (movethedate.overshootday.org), and possibility platforms (www.overshootday.org/pop).
- Helped keep the focus of sustainability debate on its essence: that ultimately, a necessary condition for sustaining diverse life on this planet, and securing a resilient existence for humanity, depends on living within the regenerative budget of our planet. Global Footprint Network’s conservative estimates indicate that humanity is

currently overusing the planet's regenerative budget by [78%](#) - which is over 3 times more than what E.O. Wilson and his team identified as the maximum demand compatible with securing 85% of our planet's biodiversity ("½ Earth").

- Co-initiated and ran entrepreneurial organizations to advance critical sustainability topics, including Global Footprint Network (started in 2003), [FoDaFo](#) (started in 2019), and [rePLANET](#) (started in 2021).

III. **AWARDS & RECOGNITIONS**

- 2025. [Sustainable Shaper](#) in category Knowledge & Opinion. Awarded for the first time on September 2, 2025, by Sustainable Switzerland (NZZ) to honor individuals who, through their entrepreneurial, scientific, or social efforts, initiate tangible change and drive sustainable development in and from Switzerland. From more than 240 nominations, an independent jury selected 15 winners.
<https://sustainableswitzerland.ch/shapers/gewinner>
- 2025. [Recognition](#) by Vice-Governor of the Province of Córdoba, Argentina, as a "Scientist and sustainability strategist, highlighting that his dedication, study, and expertise have provided invaluable tools for humanity and its survival" (July 1, 2025)
- 2025. *Honorary degree*, "Doctore magistrale ad honorem" in Ecotossicologia e Sostentabilità Ambientale. University of Siena, March 21, 2025.
<https://www.wackernagel.info/honoris-causa-siena>
- 2024. [Sustainability Award](#) – *Leadership in Implementation*. Nobel Sustainability Trust Foundation, in collaboration with the Technical University of Munich on Nov. 21, 2024, 300,000 SEK. <https://www.nobelsustainability.org/post/sustainability-awards-presented-by-the-nobel-sustainability-trust>
- 2024. "[Orden de la Democracia Simón Bolívar](#)" from the **Senate of Colombia** on October 24, 2024, for the co-creation of the ecological footprint with William Rees, an essential tool to understand our relationship with the regenerative capacity of ecosystems on our planet, the development of Global Footprint Network, the Earth Overshoot Day campaign, and the effects it has on raising awareness about our ecological crisis.
- 2024. "[Gran Cruz Placa de Oro](#)" from the **House of Representatives of Colombia** on October 23, 2024, for the co-creation of the ecological footprint, the development of Global Footprint Network, to develop economies that can thrive within the means of planet Earth.
- 2024. "[Premio Mondo d'Oro 2024](#)." GeoKnowledge Foundation, Rome on May 7, 2024 "for his commitment to popularizing issues sensitive to the protection of the environment and nature, starting with the introduction of the ecological footprint."

- 2022. *Honorary doctorate*, University of Stirling, UK. November 24, 2022. <https://www.stir.ac.uk/news/2022/november-2022-news/sustainability-and-sports-figures-to-be-recognised-by-university-of-stirling/>
- 2020. Inclusion in the [Fairforce 100 Environmental Data Entrepreneurs](#).
- 2019. One of three finalist, November 15, 2019. *Prix Voltaire International*. <https://www.prixvoltaire.com/>
- 2018. *World Sustainability Award*. The World Sustainability Award, funded by the MDPI Sustainability Foundation, is conferred upon individual researchers or research teams who have made an outstanding academic or societal contribution to sustainability in general, or to a sustainability-relevant issue in particular. Second time ever awarded. 66,000 USD. First one went to Prof. Jeffrey Sachs. <https://mdpi-foundation.org/award/awardees/dr-mathis-wackernagel> ; <https://youtu.be/OCkE1W0C7tg>
- 2016, 2017 & 2018. *OOM 100: THE WORLD'S MOST INSPIRING PEOPLE*. No 24 in 2016; No 18 in 2017; [No 36 in 2018](#), [No 73 in 2019](#): Mathis Wackernagel, Sustainable Advocate. "The Swiss-born engineer is known for creating the ecological footprint concept and heads an international think tank that focuses on developing and promoting metrics for sustainability." OOM Magazine <http://www.oom.com/oom100/>
- 2015. *IAIA Global Environment Award*. The [IAIA Global Environment Award](#) is presented to a leading individual or institution that has made a substantial contribution to the practice of environmental assessment, management or policy at a global scale, or has otherwise made a major contribution to promote environmental sustainability or environmental justice.
- 2014. *Induction* in the International Society of Sustainability Professionals (ISSP) Sustainability [Hall of Fame](#).
- 2013. *Prix Nature Swisscanto – Hauptpreis*. This main Swiss Nature Prize honours individuals or organizations who have achieved exceptional or pioneering results in the arena of sustainability in Switzerland ("Es werden damit Individuen oder Organisationen für aussergewöhnliche oder pionierhafte Leistungen auf dem Gebiet der Nachhaltigkeit ausgezeichnet") - 10,000 CHF. <https://www.tierwelt.ch/artikel/natur-umwelt/okologischer-fussabdruck-geehrt-416771> , <https://www.ee-news.ch/de/erneuerbare/article/26114/prix-nature-swisscanto-4-verleihung-des-schweizer-nachhaltigkeitspreises>
- 2012. *Grosser Binding-Preis für Natur- und Umweltschutz* ("Major Binding Prize for Nature and Environmental Protection"). For the scientific development and promotion of the Ecological Footprint, more specifically: "Wir würdigen damit seinen langjährigen, unermüdlichen Einsatz als Vordenker im Bereich der Nachhaltigkeit, insbesondere für die Entwicklung des Konzeptes des "ökologischen Fussabdruckes"(Ecological Footprint)

welches nicht nur weltweit in Forschung und Lehre auf die Nachhaltigkeitsdefizite hinweist und für die nötigen Zielvorstellungen wirbt, sondern auch eine dramatische mediale Breitenwirkung entwickelt und dadurch umweltpolitische Weichenstellungen auslöst." 50,000 CHF. http://www.binding.li/html/preisverleihung_2012.html

- 2012. *Blue Planet Prize* of The Asahi Glass Foundation (with Dr. Bill Rees) awarded to individuals or organizations each year that make outstanding achievements in scientific research and its application in helping to solve global environmental problems. 50 million Yen. <http://www.af-info.or.jp/en/blueplanet/list.html> and <https://www.af-info.or.jp/en/blueplanet/list-2012.html#text-02>
- 2012. *Among "Zeronaut 50" Roll of Honor*. John Elkington identified Mathis in 2012 among the "Zeronaut 50" Roll of Honor, i.e., leading pioneers who are driving the world's most significant problems to zero. <http://www.csrwire.com/blog/posts/455-unreasonable-people-introducing-the-zeronauts>
- 2012. *Kenneth E. Boulding Memorial Award* of the International Society for Ecological Economics (with Dr. Bill Rees) honouring "outstanding individuals who have contributed original and seminal approaches that have furthered our understanding of the interfaces between the social, ecological, ethical, economic and political dimensions of our world." <http://www.isecoeco.org/2008-boulding-award/>
- 2012. *No 19 in the global (En)Rich List* – top inspirational individuals whose contributions enrich paths to sustainable futures. www.enrichlist.org
- In 2012, Global Footprint Network was named one of the world's top 100 non-governmental organizations by the *Global Journal*. Less than 10 of them worked in the "sustainable development" space. Global Footprint Network was renamed in 2013 and 2015 (there was no ranking in 2014). <http://theglobaljournal.net/article/view/494/>
- 2011. *Zayed International Prize for Environment* - action leading to positive change in society (Zayed Foundation, Dubai, and UNEP). It recognizes Dr. Mathis Wackernagel's contribution to "translate[ing] the complexity of humanity's impact on the environment and natural resources into a more understandable and actionable form. The concept of 'ecological limits' and relating the demands of human beings to the planet's available ecological resources, has attracted and is catalysing action among governments, business and civil society. (...) The Footprint is now recognized as a leading and highly comprehensible indicator of sustainability. To date the network is working with more than 90 partner bodies including the Finnish Ministry of the Environment; Australia's State of Victoria and South Australian authorities; two Swiss banks; WWF and the Stockholm Environment Institute. Through its Ten-in-Ten Campaign, aimed at institutionalizing the Footprint in 10 countries by 2015, nations including Belgium, Ecuador, Japan, Switzerland and the United Arab Emirates are already engaged." 100,000 USD. <http://www.zayedprize.org/ae/fifth-cycle#tab-4>
- Frank H. T. Rhodes Class of 1956 *Visiting Professor* at Cornell University. Active 1 July 2011 – 30 June 2014. The Rhodes Class of '56 University Professorship is overseen by the

Cornell A.D. White Professors-at-Large Program. Rhodes professors appointed since the program was inaugurated in 2000 include: architect Richard Meier, a 1956 Cornell alumnus; biomedical scientist Edward M. Scolnick, president of Merck Research Laboratories; former U.S. Attorney General Janet Reno, a 1960 Cornell alumna; and TV personality Bill Nye, "The Science Guy," a 1977 Cornell alumnus; Cynthia McKinney, Georgia's first African-American congresswoman, John Pilger, investigative journalist, author and Emmy Award-winning documentary filmmaker; Robert Moses, a Harvard-trained educator, a civil rights leader, a MacArthur Foundation fellow and founder of the Algebra Project.

- 2008. *International Prize Calouste Gulbenkian* 2008 "dedicated to the respect for biodiversity and defense of the environment in man's relationship with nature" (For Global Footprint Network). 50,000 Euros.
<https://copehcanblog.wordpress.com/2010/02/26/calouste-gulbenkian-foundation-environment-and-biodiversity/>
- 2007. *Honorary doctorate*, University of Bern, Switzerland. ([Dr. h.c. der Phil.-nat. Fakultät der Universität Bern](#)). December 2007.
- 2007. *Skoll Award for Social Entrepreneurship* "a one million dollar prize presented by the Skoll Foundation to Global Footprint Network in celebration of its founders, Susan Burns and Mathis Wackernagel. This award recognizes the most innovative and effective approaches to resolving critical social issues. March 26, 2007. 1 million USD.
<http://www.skollfoundation.org/entrepreneur/susan-burns-and-mathis-wackernagel>
- 2006. [WWF Award for Conservation Merit](#) "in recognition of his inspiration, enthusiasm and energy in developing the concept of the Ecological Footprint and promoting its uptake by decision makers throughout the world." June 7, 2006.
http://wwf.panda.org/wwf_news/wwf_awards/wwf_award_for_conservation_merit.
- 2005. *Second biennial Herman Daly Award of the US Society for Ecological Economics* July 20, 2005.
- 2003. *Environmental Leadership Award* for Sustainability Leadership and Service to the Silicon Valley EH&S Community. Pacific Industrial and Business Association, February 26, 2003.
- 1989-93. Two *University Graduate Fellowship*, The University of British Columbia.
- 1984. G. Zeuner Legat Award. Second pre-diploma, ranking 8th out of 174 graduating students. CHF 1,000.
- 1983. Anonymer Stipendienfond der ETH Award. First pre-diploma, ranking 5th out of 276 graduating students. CHF 1,000.

IV. EDUCATION

Ph.D. in Community and Regional Planning, 1994. School of Community and Regional Planning, The University of British Columbia, Vancouver, Canada. Originated and developed as [Ph.D. dissertation](#) the Ecological Footprint concept, now a sustainability metrics used world-wide (in collaboration with doctoral supervisor Prof. William E. Rees).

Master of Science in Mechanical Engineering (dipl. Ing. ETH), 1988. Swiss Federal Institute of Technology, Zürich, Switzerland. Specialization: Advanced Mechanics and Energy Systems. Thesis Research, under supervision of Prof. Peter Suter, “Computer-Based Expert Systems for Domestic Heating Equipment” Ranked 4th out of 74 graduating students.

V. RESEARCH, MANAGEMENT, AND POLICY EXPERIENCE

Collaborations with, and consultancies for, government, civil society, academic and business organizations on all continents, including BC Hydro, CEMEX, DG Environment, Earth Day Network, EPA Victoria, European Environment Agency, GIZ, ICLEI, Leadership for Environment and Development (LEAD), Luxembourg Direction de la Coopération, Novartis, OECD, Schneider Electric, Scottish environment Protection Agency, Secretaría de la Comunidad Andina, SENPLADES (Ecuador), Swiss Agency for Development and Cooperation (SDC), Temasek, The World Bank, US Army, US EPA, WBCSD, WEF, World Wide Fund for Nature (WWF) (International, Europe, national organizations), and many others.

Oct.2025 – Sept 2028 [Rudolf Diesel Industry Fellowship](#), ISA, Technical University Munich. Topic: [Making metrics effective](#). Circular Economy at the TUM Campus Straubing for Biotechnology and Sustainability (Prof. Magnus Fröhling and Prof. Sebastian Goerg).

June 2019 – Present *Board Member Footprint Data Foundation* (www.FoDaFo.org)
To amplify the power of the metric, Global Footprint Network and York University, Toronto have created a not-for-profit called the Footprint Data Foundation (FoDaFO) to be the neutral, academically trusted stewards of these National Footprint & Biocapacity Accounts (NFAs), separating the robust data from advocacy. This ‘separation of powers’ makes both data and advocacy infinitely stronger.

May 2021 - Present *Board Member rePLANET* (www.rePLANET.org.uk)
rePLANET aim to restore and conserve landscapes through private sector investments. This is achieved by generating carbon and biodiversity credits and selling them, initially, on the voluntary markets.

June 2003 – Present *Founder and Board Member Global Footprint Network* (www.footprintnetwork.org)

Curriculum Vitae of Mathis Wackernagel, Ph.D.

July 2003 – July 2023	<i>President/CEO/interim-CEO</i> of Global Footprint Network (Oakland, CA U.S.A., since 2008 also legally established in Switzerland, since 2023 in Italy; for eight years (2010 to 2018) in Belgium) an international think-tank that focuses on bringing about a sustainable human economy in which all can thrive within the means of our one planet Earth. This organization makes ecological limits central to decision-making by advancing the use of the Ecological Footprint, a resource accounting tool that measures how much nature we have, how much we use, and who uses what.
July 2011 – June 2014	<i>Visiting Professor</i> at Cornell University (Frank H. T. Rhodes Class of 1956 Visiting Professor)
September 2003	<i>Adjunct faculty</i> , Center for Sustainability and the Global Environment (SAGE), Institute for Environmental Studies, University of Wisconsin. Under Prof. Jon Foley
February 1999 – June 2003	<i>Director</i> of the Sustainability Program of Redefining Progress (Oakland, CA U.S.A.). Responsibilities include program development, fundraising, team management, research, outreach and communications.
July 1998 – January 1999	<i>Senior Fellow</i> of Redefining Progress (San Francisco, U.S.A.) and visiting lecturer at the Human Ecology Department of Lund University, Sweden.
January 1997 – July 1998	<i>Professor</i> at the Universidad Anáhuac de Xalapa (State of Veracruz, Mexico). <i>Founder</i> and <i>Coordinator</i> of its Centro de Estudios para la Sustentabilidad / Centre for Sustainability Studies. Affiliations with the Human Ecology Department of Lund University, Sweden, and the Centre for Development and Environment at the Institute of Geography, University of Berne, Switzerland.
September 1995 – January 1997	<i>Visiting Professor</i> at the Universidad Anáhuac de Xalapa to develop a center on sustainability studies. Organization of conferences and workshops, curriculum development, building links with partner institutions, and classes and seminars.
February 1995 – August 1995	<i>Consultant</i> to the Earth Council, Costa Rica. Conceptualization of the <i>Earth Reports</i> and write-up of the project proposal. The Earth Council's mission for the <i>Earth Reports</i> was to "establish a dialogue with people at the grassroots, and make available to them strategic information necessary to build a more secure, equitable and sustainable future."
September 1994 – February 1995	<i>Research Associate</i> and <i>Interim Coordinator</i> of the UBC Task Force on Healthy and Sustainable Communities. Administration, research coordination, outreach, proposal development, teaching.
September 1993 – October 1994	<i>Researcher</i> for the UBC Task Force on Healthy and Sustainable Communities (UBC Lower Fraser Basin Eco-Study). Conceptual research on community

process and tool development. Directing the development and refinement of the Ecological Footprint concept. Workshops. Student supervision.

- April 1993
- May 1993 *Co-designer* of a four-day outdoor program for grade 8 high school students on sustainability ("Connections"). Various applications of the Ecological Footprint concept for learning events on sustainability conflicts. Teacher in the pilot program. Sea to Sky Outdoor School, Gibsons, BC.
- July 1992
- July 1993 *National Student Representative* on the National Council of the Canadian Institute of Planners (CIP). Achievements include the rewriting of CIP's mission statement and the production of two brochures on Canadian Planning Schools. Also wrote with colleagues from the University of British Columbia the CIP position paper on sustainability (adopted in 1994).
- April 1992
- September 1993 *Consultant* to the UBC Task Force on Healthy and Sustainable Communities. Development of handbook on calculating the Ecological Footprint. Workshops.
- March 1992
- June 1992 *Researcher and Technical Coordinator* for the report and the workshop preparations of a KLH-EMDI workshop. Commissioned by the Indonesian Ministry of Population and Environment (KLH), Jakarta and EMDI, Dalhousie University. Conscribe Ltd., Vancouver.
- July 1991
- September 1991 *Research Assistant* for the UBC Task Force on Planning Healthy and Sustainable Communities. Methodological research on the Ecological Footprint concept.
- September 1988
- August 1989 *Project Director*. Partnership development, design of solar equipment, and prototype manufacturing. Synopsis, Lodève, France.

VI. PUBLICATIONS AND REPORTS

Books

- Wackernagel, Mathis and Bert Beyers, 2019. *Ecological Footprint: Managing the Biocapacity Budget*, New Society Publishers, Gabriola Island.
<https://www.footprintnetwork.org/2019/09/04/18187/> (Italian translation 2020)
- Wackernagel, Mathis and Bert Beyers, 2010. *Ecological Footprint: Die Welt neu vermessen*, Europäische Verlagsanstalt, Hamburg. Updated 2016 edition: *Footprint: Die Welt neu vermessen*, Europäische Verlagsanstalt, Hamburg.

- Chambers, Nicky, Craig Simmons and M. Wackernagel, 2000. *Sharing Nature's Interest: Ecological Footprints as an Indicator for Sustainability*, EarthScan, London.
(Translated into Italian: *Manuale de la Impronta Ecologica*, Edizioni Ambiente, Milan, 2002).
- Sturm, Andreas, M. Wackernagel and Kaspar Müller, 2000. *The Winners and Losers in Global Competition: Why Eco-Efficiency Reinforces Competitiveness: A Study of 44 Nations*, Verlag: Rüegger, Chur/Zürich. ISBN 3 7253 0658 3 (adapted and improved version of the German edition).
- Sturm, Andreas, M. Wackernagel and Kaspar Müller, 1999. Die Gewinner und die Verlierer im globalen Wettbewerb: Warum Öko-Effizienz die Wettbewerbsfähigkeit stärkt: 44 Nationen im Test, Verlag: Rüegger, Chur/Zürich 1999 (ISBN 3-7253-0653-2).
- Wackernagel, M. and William E. Rees, 1996, *Our Ecological Footprint: Reducing Human Impact on the Earth*. New Society Publishers, Gabriola Island.
<https://books.google.com/books?id=WVNEAQAQBAJ>; non-english editions (*L'impronta ecologica*, Milan: Edizioni Ambiente, Milan and WWF Italia, Roma, 1996, 3rd revised edition 2004; *Unser ökologischer Fußabdruck*, adapted and improved German version prepared by Mathis Wackernagel, Birkhäuser, Basel, April 1997; *Notre empreinte écologique*, Les Éditions Écosociété, Montréal, ISBN 2-921561-43-3 1999). Also published in Spanish (LOM Ediciones, Santiago de Chile, 2001), Mandarin, Japanese, Latvian and Hungarian.

Academic Articles and Chapters

- Wackernagel, Mathis, 2025, "Eleven Billion Thrive" *Architecture and Technology volume II: Cities in Climate Crisis* (Norman Foster Foundation Press, 2025), 59–67.
- von Rosing, Mark and Mathis Wackernagel, 2024. CO₂ compensation. In Mark von Rosing (editor). 2024. The Sustainability Handbook, Volume 1 The Body of Knowledge around Substantial Sustainability Innovation. Elsevier.
- Bradshaw, Corey J. A., Melinda A. Judge, Daniel T. Blumstein, Paul R. Ehrlich, Aisha N. Z. Dasgupta, Mathis Wackernagel, Lewis J. Z. Weeda, Peter N. Le Souëf, 2025, Global human population ended self-facilitation in the 1950s. Available at SSRN 4788003.
- Wackernagel, Mathis, 2024, "Ecological Footprint" 167-175, in Christine Overdevest, editor, 2024, Elgar Encyclopedia of Environmental Sociology, Elgar [Publishers](#). ISBN 978 1 80392 103 7.
- Raven, Peter, Zhiyun Ouyang, Paul Smith and Mathis Wackernagel, 2023. "The Shenzhen Congress and Plant Conservation: What Have We Accomplished in the Six Years Since?" *J. Syst. Evol.* 2 November 2023, <http://doi.org/10.1111/jse.13030>
- Alessandro Galli, Marta Antonelli, Leopold Wambersie, Anna Bach-Faig, Fabio Bartolini, Dario Caro, Katsunori Iha, David Lin, Maria Serena Mancini, Roberta Sonnino, Davy Vanham, and Mathis Wackernagel, 2023. "EU-27 Ecological Footprint was primarily driven by food consumption and exceeded regional biocapacity from 2004 to 2014" *Nature Food*. <https://www.nature.com/articles/s43016-023-00843-5>

- Rees, William E., and Mathis Wackernagel, 2023. "Ecological Footprint Accounting: Thirty Years and Still Gathering Steam", *Environment: Science and Policy for Sustainable Development*, 65:5, 5-18, <https://doi.org/10.1080/00139157.2023.2225405>
- Wackernagel, Mathis and David Lin, 2023, Biocapacity and Regeneration. In Wallenhorst, C. Wulf (eds.), *Handbook of the Anthropocene*, Springer, Cham https://doi.org/10.1007/978-3-031-25910-4_2 p 17-20
- Wackernagel, Mathis and David Lin, 2023, Energy. In Wallenhorst, C. Wulf (eds.), *Handbook of the Anthropocene*, Springer, Cham, https://doi.org/10.1007/978-3-031-25910-4_38 p 245-249
- Wackernagel, Mathis and David Lin, 2023, Earth Overshoot Day. In Wallenhorst, C. Wulf (eds.), *Handbook of the Anthropocene*, Springer, Cham https://doi.org/10.1007/978-3-031-25910-4_90 p 569-572
- Wackernagel, Mathis and David Lin, 2023, Ecological Footprint. In Wallenhorst, C. Wulf (eds.), *Handbook of the Anthropocene*, Springer, Cham https://doi.org/10.1007/978-3-031-25910-4_93 p 585-590
- Wackernagel, Mathis and David Lin, 2023, Overshoot. In Wallenhorst, C. Wulf (eds.), *Handbook of the Anthropocene*, Springer, Cham, https://doi.org/10.1007/978-3-031-25910-4_101 p 625-629
- Robinson, Abigail, Viola Csordas, and Mathis Wackernagel, 2022. "Defining limits: Ecological overshoot as a driver of conflict" in Brown, O. and Nicolucci-Altman, G. A White Paper on the Future of Environmental Peacebuilding, Geneva Peacebuilding Platform, International Union for Conservation of Nature, PeaceNexus Foundation, Environmental Law Institute, Environmental Peacebuilding Association www.ecosystemforpeace.org
- Wackernagel, Mathis, 2022, "Is the Global Economy Running a Pyramid Scheme?", Pages 191-204 in Peter A. Wilderer, Martin Grambow, Michael Molls, Konrad Oexle (editors) 2022, *Strategies for Sustainability of the Earth System*, ISBN: 978-3-030-74457-1 <https://doi.org/10.1007/978-3-030-74458-8>
- Horsburgh, Nicola, Andrew Tyler, Scot Mathieson, Mathis Wackernagel, David, Lin, 2022, Biocapacity and cost-effectiveness benefits of increased peatland restoration in Scotland, *Journal of Environmental Management*, Volume 306, 15 March 2022, 114486, <https://doi.org/10.1016/j.jenvman.2022.114486>
- Wackernagel, Mathis, Laurel Hanscom, Priyangi Jayasinghe, David Lin, Adeline Murthy, Evan Neill, Peter Raven, 2021. "The Importance of Resource Security for Poverty Eradication." *Nature Sustainability* <https://dx.doi.org/10.1038/s41893-021-00708-4>
- Fatemi M, Rezaei-Moghaddam K, Karami E, Hayati D, Wackernagel M (2021) An integrated approach of Ecological Footprint (EF) and Analytical Hierarchy Process (AHP) in human ecology: A base for planning toward sustainability. *PLoS ONE* 16(4): e0250167. <https://doi.org/10.1371/journal.pone.0250167>
- McBain, Bonnie, Manfred Lenzen, Glenn Albrecht, and Mathis Wackernagel, 2021, Chapter 5: Future Transitions to a Renewable Stationary Energy Sector: Implications of the Future Ecological Footprint and Land Use, in Arnab Banerjee, Ram Swaroop Meena, ManojKumar Jhariya, Dhiraj Kumar Yadav (Editors), *Agroecological Footprints*

- Management*, Springer, ISBN 978-981-15-9495-3, ISBN 978-981-15-9496-0 (eBook), <https://doi.org/10.1007/978-981-15-9496-0> Pages 155-178
- Bradshaw, Corey J. A., Paul R. Ehrlich, Andrew Beattie, Gerardo Ceballos, Eileen Crist, Joan Diamond, Rodolfo Dirzo, Anne H. Ehrlich, John Harte, Mary Ellen Harte, Graham Pyke, Peter H. Raven, William J. Ripple, Frédérik Saltré, Christine Turnbull, Mathis Wackernagel, Daniel T. Blumstein, 2021, "Underestimating the challenges of avoiding a ghastly future", *Frontiers in Conservation Science / Front. Conserv. Sci.* Vol 1, Article 615419 doi: 10.3389/fcosc.2020.615419.
<https://www.frontiersin.org/articles/10.3389/fcosc.2020.615419/full>. Response to Commentary: <https://www.frontiersin.org/articles/10.3389/fcosc.2021.666910/full>
- Wackernagel, Mathis, 2020, If Greta read GAIA. *GAIA* 29/2 (2020): 73
<https://www.thefreelibrary.com/If+Greta+read+GAIA...-a0635033243> or
https://www.footprintnetwork.org/content/uploads/2020/07/If_Greta_Read_GAIA.pdf
- Raven, Peter and Mathis Wackernagel, 2020, Maintaining Biodiversity will define our long-term success. *Plant Diversity*. <https://doi.org/10.1016/j.pld.2020.06.002>
- Galli, A., Iha, K., Pires, S. M., Mancini, M. S., Alves, A., Zokai, G., Lin, D., Murthy, A., Wackernagel, M., 2020. Assessing the Ecological Footprint and biocapacity of Portuguese cities: Critical results for environmental awareness and local management. *Cities*, 96,
<https://www.sciencedirect.com/science/article/pii/S0264275119302306>
- Wackernagel, Mathis; Lin, David; Evans, Mikel; Hanscom, Laurel; Raven, Peter. 2019. "Defying the Footprint Oracle: Implications of Country Resource Trends." *Sustainability* 11, no. 7: 2164. <https://www.mdpi.com/2071-1050/11/7/2164>
- Lin, David; Hanscom, Laurel; Murthy, Adeline; Galli, Alessandro; Evans, Mikel; Neill, Evan; Mancini, Maria S.; Martindill, Jon; Medouar, Fatime-Zahra; Huang, Shiyu; Wackernagel, Mathis. 2018. "Ecological Footprint Accounting for Countries: Updates and Results of the National Footprint Accounts, 2012–2018." *Resources* 7, no. 3: 58. <https://www.mdpi.com/2079-9276/7/3/58>
- Contribution to Ernst von Weizsäcker, Anders Wijkman et al. 2018, "Come On!" Report to the Club of Rome.
- Wackernagel, M., 2019, "Terra Incognita: In Search of the Disconnect", in Partha Dasgupta, Peter Raven, Anna McIvor (ed) (2019) *Biological Extinction: New Perspectives*. Cambridge University Press, UK. Based on Workshop on Biological Extinction, February 28 - March 1, 2017, Jointly Sponsored by The Pontifical Academy of Sciences and The Pontifical Academy of Social Sciences
<https://www.cambridge.org/core/books/biological-extinction/ED9DDEEF070722801383DBED553F395>
- Wackernagel, Mathis, David Lin, Laurel Hanscom, Alessandro Galli, Katsunori Iha (2019). Ecological Footprint, Fath, B.D. et al (ed) *Encyclopaedia of Ecology* (Second Edition), Elsevier. Reference Module in Earth Systems and Environmental Sciences, Volume 4, 2019, Pages 270-282, <https://doi.org/10.1016/B978-0-12-409548-9.09567-1>

- M. Fatemi, K. Rezaei-Moghaddam, M. Wackernagel, C. Shennan 2018, "Sustainability of environmental management in Iran: An ecological footprint analysis" *Iran Agricultural Research* (2018) 37(2) 53-68
- Wackernagel, M., A. Galli, L. Hanscom, D. Lin, L. Mailhes, T. Drummond (2018), CHAPTER 16: Ecological Footprint Accounts: Principles" p244-264, in Simon Bell and Stephen Morse (Editors) 2018. Routledge Handbook of Sustainability Indictors, Routledge International Handbooks. Routledge, <https://www.routledgehandbooks.com>
- Wackernagel, M., A. Galli, L. Hanscom, D. Lin, L. Mailhes, T. Drummond (2018), CHAPTER 33: Ecological Footprint Accounts: Criticisms and Applications" p521-539 in Simon Bell and Stephen Morse (Editors) 2018. Routledge Handbook of Sustainability Indictors, Routledge International Handbooks. Routledge, <https://www.routledgehandbooks.com>
- Wackernagel, Mathis, Laurel Hanscom and David Lin (2017) Making the Sustainable Development Goals Consistent with Sustainability. *Front. Energy Res.* 5:18. doi: 10.3389/fenrg.2017.00018
<http://journal.frontiersin.org/article/10.3389/fenrg.2017.00018/full>
- Maria Serena Mancini, Alessandro Galli, Valentina Niccolucci, David Lin, Laurel Hanscom, Mathis Wackernagel, Simone Bastianoni, Nadia Marchettini (2017), Stocks and flows of natural capital: Implications for Ecological Footprint, *Ecological Indicators*, Volume 77, June 2017, Pages 123-128, <https://doi.org/10.1016/j.ecolind.2017.01.033>
- McBain, Bonnie, Manfred Lenzen, Mathis Wackernagel, Glenn Albrecht (2017) How long can global ecological overshoot last? *Global and Planetary Change*, Volume 155, August 2017, Pages 13-19, <https://doi.org/10.1016/j.gloplacha.2017.06.002>
- McBain, Bonnie, Manfred Lenzen, Glenn Albrecht & Mathis Wackernagel (2017) Reducing the ecological footprint of urban cars, *International Journal of Sustainable Transportation* <http://dx.doi.org/10.1080/15568318.2017.1336264>
- Alessandro Galli, Mario Giampietro, Steve Goldfinger, Elias Lazarus, David Lin, Andrea Saltelli, Mathis Wackernagel, Felix Müller (2016), Questioning the Ecological Footprint, *Ecological Indicators*, 69 224–232
<http://dx.doi.org/10.1016/j.ecolind.2016.04.014>
- A Galli, M Wackernagel, K Iha, E Lazarus (2014), Ecological footprint: Implications for biodiversity, *Biological Conservation*, Volume 173, May 2014, Pages 121-132, <https://doi.org/10.1016/j.biocon.2013.10.019>
- Mancini, M.S., Galli, A., Niccolucci, V., Lin, D., Bastianoni, S., Wackernagel, M., Marchettini, N., (2016). Ecological Footprint: Refining the carbon Footprint calculation. *Ecological Indicators*, 61, 390-403
- Mathis Wackernagel, 2015. Chapter 14. What Are the Economic Implications of Overshoot, if Any? Per Espen Stoknes (Editor), Kjell A. Eliassen (Editor) *Science Based Activism: Festschrift to Jorgen Randers*, 318 pages, Publisher: Fagbokforlaget (May 12, 2015)
- Lin, David, Mathis Wackernagel, Alessandro Galli, Ronna Kelly, (2015) "Ecological Footprint: Informative and evolving – A response to van den Bergh and Grazi (2014) " *Ecological Indicators*, Volume 58, November 2015, Pages 464-468, <https://doi.org/10.1016/j.ecolind.2015.05.001>

- Sumaila UR, Hotte N, Galli A, Lam VWY, Cisneros-Montemayor AM, Wackernagel M, 2015. Eco2: a simple index of economic-ecological deficits. *Mar Ecol Prog Ser* 530:271-279. <https://doi.org/10.3354/meps11278> <http://www.int-res.com/abstracts/meps/v530/p271-279/>
- Goldfinger, S., Wackernagel, M., Galli, A., Lazarus, E., Lin, D., 2014. Footprint facts and fallacies: a response to Giampietro and Saltelli (2014) footprints to nowhere. *Ecol. Indic.* 46, 622–632. <https://doi.org/10.1016/j.ecolind.2014.04.025>
- Bastianoni, S., Niccolucci, V., Neri, E., Cranston, G., Galli, A. and Wackernagel, M. (2012), 'Ecological Footprint as accounting tool for sustainable development', in Jørgensen, S.E. (ed.), *Encyclopaedia of Environmental Management*.
- David Lin, Alessandro Galli, Michael Borucke, Elias Lazarus, Nicole Grunewald, Jon Martindill, David Zimmerman, Serena Mancini, Katsunori Iha, and Mathis Wackernagel, 2015. Tracking Supply and Demand of Biocapacity through Ecological Footprint Accounting. Chapter in: *Sustainability Assessment of Renewables-Based Products: Methods and Case Studies*. Wiley. 20 November 2015 <https://doi.org/10.1002/9781118933916.ch12>
- Lin, David, Mathis Wackernagel, Alessandro Galli, Ronna Kelly (2015), Ecological Footprint: Informative and evolving – A response to van den Bergh and Grazi (2014), *Ecological Indicators*, <http://www.sciencedirect.com/science/article/pii/S1470160X15002186>
- Galli, Alessandro, David Lin, Mathis Wackernagel, Michel Gressot, Sebastian Winkler, 2014, Humanity's growing Ecological Footprint: sustainable development implications, GSDR 2015 Science Briefs, United Nations, New York.
- Wackernagel, Mathis, 2014, 'Der Grundkonflikt: der "ökologische Fussabdruck"' in Heike Leitschu, Gerd Michelsen, Udo Simonis, Jörg Sommer und Ernst U. von Weizsäcker, (eds) 2015. *Re-Naturierung: Gesellschaft im Einklang mit der Natur – Jahrbuch Ökologie 2015*. S. Hirzel Verlag Stuttgart. P 197 – 201; <http://www.jahrbuch-oekologie.de/Wackernagel2015.pdf>
- Rees, William and Mathis Wackernagel, 2013. The Shoe Fits, but the Footprint is Larger than Earth. A response to the Breakthrough Institute's PLoS paper. *PLoS Biol* 11(11): e1001701. doi:10.1371/journal.pbio.1001701 <http://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.1001701>
- Wackernagel, Mathis, 2014 Comment on "Ecological Footprint Policy? Land Use as an Environmental Indicator" *Journal of Industrial Ecology*, *Journal of Industrial Ecology*, Volume 18, Issue 1, pages 20–23, February 2014, DOI: 10.1111/jiec.12094; <http://onlinelibrary.wiley.com/doi/10.1111/jiec.12094/abstract>
- Wackernagel, Mathis, Gemma Cranston, Juan Carlos Morales, Alessandro Galli, 2014. "Chapter 24: Ecological Footprint Accounts: From Research Question to Application," Giles Atkinson, Simon Dietz, Eric Neumayer and Matthew Agarwala (eds), 2014, *Handbook of Sustainable Development: second revised edition*. Edward Elgar Publishing, Cheltenham, UK ISBN-13: 978-1782544692
- Galli, Alessandro; Mathis Wackernagel, Katsunori Iha; Elias Lazarus, 2014. Ecological Footprint: Implications for Biodiversity, *Journal for Biological Conservation*, Elsevier, <https://doi.org/10.1016/j.biocon.2013.10.019> preprint available [here](#)

- Wackernagel, Mathis, Alessandro Galli, Michael Borucke, Elias Lazarus, and Scott Mattoon, 2013. Chapter 11: Ecological Footprint Accounting, Philip Lawn (editor), Globalisation, Economic Transition, and the Environment: Forging a Path to Sustainable Development. Edward Elgar Publication, 384 pages.
- Niccolucci, Valentina, Alessandro Galli, Anders Reed, E. Neri, Mathis Wackernagel, Simone Bastianoni, (2011), Towards a 3D National Ecological Footprint Geography, Ecological Modelling Ecological Modelling, Volume 222, Issue 16, 24 August 2011, Pages 2939-2944 <https://doi.org/10.1016/j.ecolmodel.2011.04.020>
- Borucke, M. Moore, D. Cranston, G. Gracey, K. Iha, K. Larson, J. Lazarus, E. Morales, J. Wackernagel, M. and Gall A. 2013. Accounting for demand and supply of the Biosphere's regenerative capacity: The National Footprint Accounts' underlying methodology and framework. Ecological Indicators, 24, pp. 518–33. <https://doi.org/10.1016/j.ecolind.2012.08.005> available [here](#).
- Wackernagel, Mathis. 2012. "Ecological Footprint Accounting" in Daniel Fogel, Sarah Fredericks, Ian Spellerberg, Lisa L. Butler Harrington, (editors) 2012. Berkshire Encyclopedia of Sustainability, Volume 6 on Measurements, Indicators, and Research Methods for Sustainability, Berkshire Publishing. <https://berkshirepublishing.com/assets/pdf/SustainabilityFlyerBerkshire.pdf>
- Alessandro Galli, Justin Kitzes, Valentina Niccolucci, Mathis Wackernagel, Yoshihiko Wada, Nadia Marchettini (2012) Assessing the global environmental consequences of economic growth through the Ecological Footprint: A focus on China and India, *Ecological Indicators*, Volume 17, June 2012, Pages 99-107 <https://doi.org/10.1016/j.ecolind.2011.04.022>
- Wackernagel, Mathis; Galli, Alessandro. (2012) Ecological Footprint: Economic Performance and Resource Constraints, *Global Dialogue* (Online); Nicosia14.1 (Winter 2012): 13-27.
- Dan Moran, Mathis Wackernagel, 2012. "Chapter 3: Measuring Sustainability" in Murray, Cawthorne, Dey, Andrew (eds), 2012, Enough for All Forever: A Handbook for Learning about Sustainability, Published by Common Ground Publishing LLC, Champaign, Illinois.
- Mathis Wackernagel y Luis Salomón, 2012, "Capítulo 2: Nuestra huella ecológica y la biocapacidad de la Tierra" Frank Hajek y Pablo Martínez de Anguita (ed) *¿Gratis? Los servicios de la naturaleza y cómo sostenerlos en el Perú*. sePeru.
- Kitzes, J., D. Moran, A. Galli, Y. Wada, and M. Wackernagel, 2009. Interpretation and application of the Ecological Footprint: A reply to Fiala (2008). *Ecol. Econ.* 68: p.929–930.
- Wackernagel, Mathis. 2009. "Methodological advancements in footprint analysis." *Ecological Economics*, vol. 68, no. 7, pages 1925-1927.
- Daniel Moran, Mathis Wackernagel, Justin Kitzes, Benjamin Heumann, Doantam Phan, Steven Goldfinger. 2009. "Trading Spaces: Calculating embodied Ecological Footprints in international trade using a Product Land Use Matrix (PLUM)." *Ecological Economics*, vol. 68, no. 7, pages 1938-1951.

- V. Niccolucci, S. Bastianoni, E.B.P. Tiezzi, M. Wackernagel, N. Marchettini, 2009, How deep is the footprint? A 3D representation, *Ecological Modelling*, 220 (2009) 2819–2823.
- Justin Kitzes, Alessandro Galli, Marco Bagliani, John Barrett, Gorm Dige, Sharon Ede, Karlheinz Erb, Stefan Giljum, Helmut Haberl, Chris Hails, Laurent Jolia-Ferrier, Sally Jungwirth, Manfred Lenzen, Kevin Lewis, Jonathan Loh, Nadia Marchettini, Hans Messinger, Krista Milne, Richard Moles, Chad Monfreda, Dan Moran, Katsura Nakano, Aili Pyhala, William Rees, Craig Simmons, Mathis Wackernagel, Yoshihiko Wada, Connor Walsh, Thomas Wiedmann. 2009. "A research agenda for improving national Ecological Footprint accounts." *Ecological Economics*, vol. 68, no. 7, pages 1991-2007. <https://doi.org/10.1016/j.ecolecon.2008.06.022>
- Wackernagel, Mathis. 2008. Chapter 5. Measuring Ecological Footprints. OECD Sustainable Development Studies, *Measuring Sustainable Production* (based on Copenhagen Workshop on Sustainable Manufacturing 2007). OECD, Paris. www.sourceoecd.org/industrytrade/9789264044128 , (Complete Edition - ISBN 9264044124) Industry, Services & Trade , pp.1-130
- Kitzes, J., Galli, A., Bagliani, M., Barrett, J., Dige, G., Ede, S., Erb, K., Giljum, S., Haberl, H., Hails, C., Jungwirth, S., Lenzen, M., Lewis, K., Loh, J., Marchettini, N., Messinger, H., Milne, K., Moles, R., Monfreda, C., Moran, D., Nakano, K., Pyhälä, A., Rees, W., Simmons, C., Wackernagel, M., Wada, Y., Walsh, C. & Wiedmann, T., A Research Agenda for Improving National Ecological Footprint Accounts. Paper submitted to the International Ecological Footprint Conference - Stepping up the Pace: New Developments in Ecological Footprint Methodology, Policy & Practice, 8-10 May, Cardiff, 2007.
- A. Galli, J. Kitzes, P. Wermer, M. Wackernagel, V. Niccolucci & E. Tiezzi, 2007. An Exploration of the Mathematics Behind the Ecological Footprint. *International Journal of Ecodynamics*.
- Wackernagel, Mathis 2007. Can we afford to reduce our Ecological Footprint? in Jérôme Binde, *Making Peace with the Earth: What Future for the Human Species and the Planet?* UNESCO Publishing Berghen Books, 2007. pp 85-99.
- Kitzes, J., A. Peller, S. Goldfinger, and M. Wackernagel. 2007. Current Methods for Calculating National Ecological Footprint Accounts. *Science for Environment & Sustainable Society* (Research Center for Sustainability and Environment, Shiga University), 4(1).
- Wackernagel, Mathis, Dan Moran, Steven Goldfinger, 2006, "Ecological Footprint Accounting: Comparing Earth's Biological Capacity with an Economy's Resource Demand" (in Marco Keiner, ed: *The Future of Sustainability*. Springer Verlag, 2006).
- Kitzes, Justin A, and Mathis Wackernagel, "Ecological Footprint" *Encyclopedia of Ecology*, Elsevier Publication (accepted 2006)
- Daniel D. Moran, Mathis Wackernagel, Justin A. Kitzes, Steven H. Goldfinger, Aurélien Boutaud, 2008, "Measuring Sustainable Development – Nation by Nation," *Ecological Economics*, vol. 64, issue 3, pages 470-474. (published electronically in 2007).

- Justin Kitzes, Mathis Wackernagel, Jonathan Loh, Audrey Peller, Steven Goldfinger, Deborah Cheng, and Kallin Tea. "Shrink and Share: Humanity's Present and Future Ecological Footprint". *Philosophical Transactions of the Royal Society* (2006). Volume 363, Number 1491 / February 12, 2008. pp 467-475.
- Mathis Wackernagel, Justin Kitzes, Dan Moran, Steven Goldfinger, Mary Thomas, 2005 "The Ecological Footprint of Cities and Regions: Comparing Resource Availability with Resource Demand" Special issue of "*Environment and Urbanization*" Vol 18 #1, April 2006 p 103-112, also published in Springer Book (Nolberto Munier, Editor).
- Mathis Wackernagel, Dan Moran, Steven Goldfinger, Paul Wermer, 2005. "Advancing the Ecological Footprint's Policy Relevance." submitted to *Ecological Economics*.
- Mathis Wackernagel, Dan Moran, Steven Goldfinger, 2005, "Ecological Footprint Accounting: Comparing Resource Availability with an Economy's Resource Demand" (in Italian) *Equilibri.1/2005 Fondazione Eni Enrico Mattei*.
- Thomas Wiedmann, Jan Minx, John Barrett, Mathis Wackernagel, 2006, Allocating Ecological Footprints to Final Consumption Categories with Input-Output Analysis." *Ecological Economics*. 56(1):28-48. <http://dx.doi.org/10.1016/j.ecolecon.2005.05.012>
- Mathis Wackernagel, Dan Moran, Sahm White, Michael Murray, 2004, "Ecological Footprint Accounts for Advancing Sustainability: Measuring Human Demand on Nature" In contribution to Phil Lawn (editor) 2005. *Sustainable Development Indicators and Public Policy: Assessing the Policy-Guiding Value of Sustainable Development Indicators*. Edward Elgar.
- Wackernagel, M. Sahm White, Dan Moran, 2004. Using Ecological Footprint Accounts: From Analysis to Applications, *Int. J. Environment and Sustainable Development*, Vol. 3, Nos. 3/4, 2004, 293-315. <https://doi.org/10.1504/IJESD.2004.005077>
- Wackernagel, M., Chris Martiniak, Fred Wellington, Chad Monfreda, Steve Goldfinger, 2005, "Does a Nation's Ecological Performance Affect its Economic Stability? The potential for enhancing sovereign credit risk assessments with ecological resource accounts" Stefan Schaltegger, & Wagner, M. (editors): *Managing the Business Case for Sustainability: The Integration of Social Environmental and Economic Performance*. 2006, Greenleaf Publishing.
- Haberl, H., Wackernagel, M., and Wrbka, T. 2004. "Editorial: Land use and sustainability indicators. An introduction" *Land Use Policy* 21 (2004) 193–198.
- Haberl, H., Wackernagel, M., Krausmann, F., Erb, K.-H., Monfreda, C., 2004. "Ecological Footprints and Human Appropriation of Net Primary Production: A Comparison." *Land Use Policy*, 21 (2004) 279–288. <https://doi.org/10.1016/j.landusepol.2003.10.008>
- Krausmann, F., Haberl, H., Erb, K.-H., Wackernagel, M, 2004. "Resource flows and land use in Austria 1950-2000: Using the MEFA framework to monitor society-nature interaction for sustainability." *Land Use Policy*, 21 (2004) 215–230.
- Monfreda, C., Wackernagel, M., Deumling, D., 2004. "Establishing national natural capital accounts based on detailed ecological footprint and biological capacity accounts." *Land Use Policy*, 21 (2004) 231–246. <https://doi.org/10.1016/j.landusepol.2003.10.009>

- Wackernagel, M., Monfreda, C., Erb, K.-H., Haberl, H., Schulz, N.B. 2004. "Ecological Footprint time series of Austria, the Philippines, and South Korea for 1961-1999: Comparing the conventional approach to an actual area demand approach." *Land Use Policy*, 21 (2004) 261–269.
- Wackernagel, M., Monfreda, C., Schulz, N.B., Erb, K.-H., Haberl, H., Krausmann, F. 2004. "Calculating national and global ecological footprint time series: Resolving conceptual challenges." *Land Use Policy*, 21 (2004) 271–278.
<https://doi.org/10.1016/j.landusepol.2003.10.006>
- Wackernagel, M. and Chad Monfreda, 2004, Ecological Footprints and Energy, in Cutler J. Cleveland, ed. 2004, *Encyclopedia of Energy*, Elsevier, ISBN 0-12-176480-X.
- Wackernagel, M., Karl Steyaert, Kim Rodgers, "Sustainable Development" entry for *Encyclopedia of Population*, edited by Paul Demeny and Geoffrey McNicolls (2003), Macmillan Reference USA, New York, NY and Farmington Hills, MI.
- Wackernagel, M. 2002 Ecological Footprint and Ecological Capacity. How Much Nature We Use and How Much We Have: In the World, in the US, and in the Army. Contribution to a Sustainability Book edited by David Eady, U.S. Army Environmental Policy Institute, Atlanta.
- Wackernagel, M. and Diana Deumling, (2003) "Future-Friendliness in Action: A Toolkit to Help Prepare the Quantum Leap towards Sustainability" in D.J. Rapport, W.L. Lasley, D.E. Rolston, N.O. Nielsen, C.O. Qualset, and A.B. Damania (eds.) *Managing for Healthy Ecosystems*, Lewis Publishers, Boca Raton, Florida USA.
- Wackernagel, M. Niels B. Schulz, Diana Deumling, Alejandro Callejas Linares, Martin Jenkins, Valerie Kapos, Chad Monfreda, Jonathan Loh, Norman Myers, Richard Norgaard, & Jorgen Randers, "Tracking the ecological overshoot of the human economy," *Proc. Natl. Acad. Sci. USA*, Vol. 99, Issue 14, 9266-9271, July 9, 2002
<https://doi.org/10.1073/pnas.142033699> with link to the downloadable calculation sheets
- Karl-Henrik Robèrt; Jacqueline Aloisi de Larderel, George Basile; J. Leo Jansen; Ruediger Kuehr; Peter Price Thomas; Motoyuki Suzuki; Paul Hawken; Bio Schmidt-Bleek, Mathis Wackernagel, "Strategic sustainable development - selection, design and synergies of applied tools" *Journal of Cleaner Production*, Vol. 10 (3) (2002) pp. 197-214.
- Wackernagel, M., and Stefan Giljum. 2001, "Der Import von ökologischer Kapazität: Globaler Handel und die Akkumulation von ökologischen Schulden" (Import of Ecological Capacity: Global Trade and the Accumulation of Ecological Debts). *Natur und Kultur* Vol. 2 No. 1, p33-54.
- Wackernagel, M. and Judith Silverstein, 2000. "Big Things First: Focusing on the Scale Imperative with the Ecological Footprint", contribution to Robert Costanza's "Forum: The Dynamics of the Ecological Footprint Concept" in *Ecological Economics*. Vol. 32, No 3, March 2000. pp 391-394. Special issue: Costanza, R., Ayres, R., Deutsch, L., Jansson, A., Troell, M., Rönnbäck, P., Folke, C., Kautsky, N., Herendeen, R., Moffat, I., Opschoor, H., Rapport, D., Rees, W., Simmons, C., Lewis, K., Barrett, J., Templet, P., Van Kooten, C., Bulte, E., Wackernagel, M. and Silverstein, J. 2000. Commentary

- Forum: The Ecological Footprint. *Ecological Economics*. Vol. 32 No 3 (2000), p341-394.
- Wackernagel, M., "An Evaluation of the Ecological Footprints." Letter to the Editor in Response to 'Spatial Sustainability, Trade and Indicators: An Evaluation of the Ecological Footprint,' by Jeroen van den Bergh and Harmen Verbruggen, published in *Ecological Economics*, Vol. 29 No 1, p. 61–72, *Ecological Economics*. Vol. 31 No 3.
- Wackernagel, M., "Carrying Capacity, Overshoot and the Need to Curb Human Consumption", Chapter for Norman Myers (ed.) *A European Perspective on Sustainable Consumption, with Special Reference to Sustainable Consumption in Europe*. 2000. Occasional Publication Series "Science in Society", Royal Society, London. Released at the IAP May 2000 Conference in Tokyo, "The Transition to Sustainability."
- Wackernagel, M., "Importing Carrying Capacity: How Global Trade Enables Nations and the World to Accumulate an Ecological Debt," Contribution to Prof. Kenneth Watt's *Encyclopedia on Human Ecology*, (originally with the Academic Press), 1999.
- Lewan, Lillemor and Wackernagel, M., 1999. The Ecological Footprint and Biocapacity of Sweden, a South Swedish Region and a Catchment Area. In: R. Kleijn, S. Bringezu, M. Fischer-Kowalski and V. Palm (Editors), *Ecologizing Societal Metabolism, Designing Scenarios for Sustainable Materials Management. Proceedings of a ConAccount workshop*, CML report 148, Leiden University, Leiden, pp. 62-68.
- Brown, Mark, Charles A.S. Hall and M. Wackernagel, "Comparative Estimates of Sustainability: Economic, Resource Base, Ecological Footprints and EMergy," Chapter 25. in C.A.S. Hall, Patrick Van Laake, Carlos Leon Perez and Gregoire Leclerc (editors), *Quantifying Sustainable Development: The Future of Tropical Economies. A Biophysical Analysis of Sustainability*. Systems Science Series, Academic Press, San Diego, 2000. pp 695-714.
- Wackernagel, M., "Book Review: How Many People Can the Earth Support? by Joel E. Cohen", *Ecological Economics* (June 1999 Vol.29 No.3, p 485-488).
- Borgström Hansson, Carina and M. Wackernagel, "Mapping place and accounting space: How to re-embed the human economy" *Ecological Economics*, May 1999 Vol.29 No.2, p 203-213.
- Wackernagel, M. and David Yount, 2000, "Footprints for Sustainability: Next Steps", *Environment, Development and Sustainability*. Vol. 1 No. 2: 21–42. 2000.
- Wackernagel, M., Lillemor Lewan and Carina Borgström Hansson, 1999. "Evaluating the Use of Natural Capital with the Ecological Footprint: Applications in Sweden and Subregions", *Ambio*. Vol 28 No. 7, pp604-612.
- Sturm, Andreas, M. Wackernagel and Kaspar Müller, 1999. "Wer werden die Gewinner und die Verlierer im globalen Wettbewerb sein? Die ökologische Grundlage der nationalen Wettbewerbsfähigkeit" *GAIA* Vol 8 No 2, p87-92.
- Holmberg, John, Ulrika Lundqvist, Karl-Henrik Robèrt and M. Wackernagel, "The Ecological Footprint from a Systems Perspective of Sustainability", *The International Journal of Sustainable Development and World Ecology*, Vol. 6 p17-33 1999.
<https://doi.org/10.1080/13504509.1999.9728469>

- Wackernagel, M., "Can Trade Promote an Ecologically Secure World? The Global Economy from an Ecological Footprint Perspective." *Buffalo Environmental Law Journal*. Volume 5, No. 2, May 1998. p180.
- Wackernagel, M. and David Yount, "The Ecological Footprint: An Indicator of Progress Toward Regional Sustainability". *Environmental Monitoring and Assessment*, 51 (1/2): 511-529, June 1998.
<https://link.springer.com/article/10.1023/A:1006094904277>
- Wackernagel, M., "Footprints: Recent Steps and Possible Traps", *Local Environment* Vol.3 No.2 (July 1998).
<https://www.tandfonline.com/doi/abs/10.1080/13549839808725560>
- Wackernagel, M., "The Ecological Footprint of Santiago de Chile", *Local Environment* Vol.3 No.1 (Feb 1998), p7-25. <https://doi.org/10.1080/13549839808725541>
- Wackernagel, M., Larry Onisto, Patricia Bello, Alejandro Callejas Linares, Ina Susana López Falfán, Jesus Méndez García, Ana Isabel Suárez Guerrero and Ma. Guadalupe Suárez Guerrero, "National Natural Capital Accounting with the Ecological Footprint Concept", *Ecological Economics*. June 1999 Vol.29 No.3, p 375-390.
[https://doi.org/10.1016/S0921-8009\(98\)90063-5](https://doi.org/10.1016/S0921-8009(98)90063-5)
- Rees, William E., and M. Wackernagel, 1999, "Monetary Analysis: Turning a Blind Eye on Sustainability". In M. Wackernagel and Alex Long (editor), 1999, "Ecological Economics Forum: Why Sustainability Analyses Must Include Biophysical Assessments". *Ecological Economics* Vol. 29 No. 1 p 47-52, 1999.
- Wackernagel, M. and Alex Long (editor), 1999, "Ecological Economics Forum: Why Sustainability Analyses Must Include Biophysical Assessments". *Ecological Economics* Vol. 29 No. 1 Forum: p13-60 , Introduction p 13-15, 1999.
- Wackernagel, M., "La Huella Ecológica de las Ciudades ¿Cómo Asegurar el Bienestar Humano dentro de los Límites Ecológicos? (The Ecological Footprint: How to Secure Human Well-being within the Means of Nature). *Ecología Política*, Vol.12-1996.
- Wackernagel, M., "La Huella Ecológica de Las Ciudades. ¿Cómo Asegurar el Bienestar Humano dentro de los Límites Ecológicos? / The Ecological Footprint of Cities: How to Assure Human Well-Being within the Ecological Limits." Production, Use and Consumption of the City. Habitat Colombia, Bogota. March 1996.
- Rees, William E., and M. Wackernagel, "Urban Ecological Footprints: Why Cities Cannot be Sustainable - and Why They Are a Key to Sustainability", *Environ Impact Assess Rev.* Vol.16, p223-248, September 1996.
- Wackernagel, M., "Framing the Sustainability Crisis: Getting from Concern to Action." Discussion Paper for the Sustainable Development Research Institute (SDRI) at The University of British Columbia. Published in SDRI Discussion Paper Series 97-1. 1997.
- Wackernagel, M. with Guadalupe Suárez, "¿Cuánto Mide Tu Huella Ecológica? El Papel de la Agricultura en el Siglo XXI". (How large is your Ecological Footprint: The role of agriculture in the 21st century). Commemorative publication of the Facultad de Ciencias Agrícolas, Universidad Veracruzana.

Rees, William E., and M. Wackernagel, "Our Ecological Footprint: Where on Earth is the Lower Fraser Basin", in Healy, M.C. (editor). *Sustainability Issues and Choices in the Lower Fraser Basin: Resolving the Dissonance*, UBC Press. 1997.

Wackernagel, M. and William E. Rees, "Perceptual and Structural Barriers to Investing in Natural Capital." *Ecological Economics*. Vol.20 No.1, 1997.
[https://doi.org/10.1016/S0921-8009\(96\)00077-8](https://doi.org/10.1016/S0921-8009(96)00077-8)

Wackernagel, M., Yoshihiko Wada and William Rees, "Ecological Footprint Bunseki no Gainen to Sono Nihon eno Tekiyō: Eizoku Kanou na Chikyu Kankyo Kaifuku no Tameno Hihon no Sekimu. (The Concept of Ecological Footprint Analysis and Its Application to Japan: Responsibilities of Japan Toward Restoring Global Sustainability.)" in Japanese. *Population and Development Journal*, Japan. 1995 Summer Issue. (No.52.).

UBC Task Force on Healthy and Sustainable Communities (incl. M. Wackernagel), "Tools for Sustainability: Iteration and Implementation." 1994. In Cordia Chu and Rod Simpson, (editors), 1994. *The Ecological Public Health: From Vision to Practice*. Centre for Health Promotion, University of Toronto, and Institute of Applied Environmental Research, Griffith University, Australia.

Rees, William E., and M. Wackernagel, "Ecological Footprints and Appropriated Carrying Capacity: Measuring the Natural Capital Requirements of the Human Economy." Chapter 20 in AnnMari Jansson, Carl Folke, Monica Hammer, and Robert Costanza (ed.), 1994. *Investing in Natural Capital*. Island Press Washington DC.
<https://eric.ed.gov/?id=EJ548060>

Grupp, Michael, Pierre Montagne and M. Wackernagel, "A Novel Advanced Box-Type Solar Cooker." *Solar Energy*. Vol.47 No.2, pp107-113. 1991.

Commissioned Policy Reports, Studies, and Articles

(incomplete: see also: <http://www.footprintnetwork.org/resources/publications/>)

Wackernagel, M. and Hilsabeck, A new climate for investors: With climate change, uninformed investing becomes risky, 2024, in Achim Griesel (ed) 2024, *Jahrbuch 2024: Impact Investing*. ENI EXXEC NEWS INSTITUTIONAL https://www.dfpa.info/files/inhalte/epaper/epaper-Jahrbuch2024_Impact_Investing/index.html#0

Global Footprint Network and Scottish Government. 2024. The Environment Strategy for Scotland: Delivering the Environment Strategy Outcome on Scotland's Global Footprint - Evidence Base & Policy Levers - gov.scot (www.gov.scot).
<https://www.gov.scot/publications/environment-strategy-scotland-delivering-environment-strategy-outcome-scotlands-global-footprint-evidence-base-policy-levers/>

CALAMOS, 2023, ONE PLANET PROSPERITY: Informing the Calamos Sustainable Equities Team Investment Approach. contributor and advisor to report.
<https://dpxdev.calamos.com/globalassets/media/pdfs/one-planet-prospertity-informing-the-calamos-sustainable-equities-team-investment-approach.pdf>

BakBasel, 2022, «Sustainability Gap» der Nordwestschweiz 2022, contributor and advisor to report
<https://www.footprintnetwork.org/2022/09/23/sustainability-gap-2022-basel-region-study/>

Footprint and Biocapacity contribution to: WWF, Global Footprint Network and Zoological Society of London, 2022, *Living Planet Report 2022*. WWF International, Gland.

Schneider Electric & Global Footprint Network, 2021, Strategies for one-planet prosperity, main contributor and advisor to report, https://www.se.com/ww/en/download/document/earth_overshoot_day/

Footprint and Biocapacity contribution to: WWF, Global Footprint Network and Zoological Society of London, 2020, *Living Planet Report 2020*. WWF International, Gland.

Schneider Electric & Global Footprint Network, 2019, Strategies for one-planet prosperity, main contributor and advisor to report, Partnership between Global Footprint Network and Schneider Electric aims to highlight the powerful competitive advantage of one-planet compatible companies, https://www.se.com/ww/en/download/document/one_planet_prosperity

WWF-EU, 2019 Living Beyond Nature's Limits, EU Overshoot Day, WWF EU - <https://www.footprintnetwork.org/content/uploads/2019/05/WWF-GFN-EU-Overshoot-Day-report.pdf>

WWF, Global Footprint Network and Zoological Society of London, 2018, *Living Planet Report 2018*. WWF International, Gland. <https://www.footprintnetwork.org/content/uploads/2018/10/LPR-2018-full-report.pdf>

WWF-France, 2018, L'autre Déficit de la France, WWF-France, https://www.footprintnetwork.org/content/uploads/2018/05/2018_lautre_deficit_de_la_france_lo.pdf

Global Footprint Network 2016, Northern Mindanao Ecological Footprint Report 2016, Global Footprint Network, California. <https://www.footprintnetwork.org/content/uploads/2017/10/2016-Ecological-Footprint-Report-Northern-Mindanao.pdf>

Wackernagel, Mathis, 2016, Essay: Measure What You Treasure, in Environmental Report North Rhine-Westphalia. Plus Chapter on Ecological Footprint. http://www.footprintnetwork.org/content/uploads/2017/04/2016-Umweltbericht_NRW_2016_Essay_Footprint_en_170122.pdf

WWF, Global Footprint Network and Zoological Society of London, 2016, *Living Planet Report 2016*. WWF International, Gland. http://footprintnetwork.org/documents/2016_Living_Planet_Report_Lo.pdf

WWF-Russia, Global Footprint Network, 2016, Ecological Footprint of the Russian Regions 2016, WWF-Russia, Moscow. www.footprintnetwork.org/content/documents/2016_Russia_Report_Eng.pdf

WWF-Korea: Korea Ecological Footprint Report 2016, WWF Korea. http://footprintnetwork.org/documents/2016_Korea_EF_Report_English_lo.pdf?_ga=2.67635473.1084837994.1578971924-970922577.1525283994

Global Footprint Network and Ministry of Environment of Guizhou Region. 2016, The Guizhou Footprint Report: Metrics for an ecological civilization, Global Footprint Network California.

Golnar Zokai, Jason Ortego, David Zimmerman, Mathis Wackernagel, 2015. The Footprint and Biocapacity of Ontario, Canada: Comparing Results for 2005 and 2010 March 2015, Produced for the Ontario Ministry of Natural Resources and Forestry, Global Footprint Network, Oakland, CA (Open Access) http://sobr.ca/biosite/wp-content/uploads/Zokai-et-al.-2015_Ontario-Ecological-Footprint-and-Biocapacity-Technical-Report-2015-03-23-final.pdf

- Global Footprint Network, 2015, ERISC Phase II: How Food Prices Link Environmental Constraints to Sovereign Credit Risk
- WWF-Russia, Global Footprint Network, 2014, *Ecological Footprint of the Subjects of the Russian Federation*. WWF-Russia, Moscow.
- WWF, Global Footprint Network and Zoological Society of London, 2014, *Living Planet Report 2014*. WWF International, Gland.
- BAKBASEL, Global Footprint Network, 2014, The Significance of Global Resource Availability to Swiss Competitiveness, ARE, Bern, Switzerland.
https://www.are.admin.ch/dam/are/fr/dokumente/2014/09/the_significanceofglobalresourceavailabilitytoswisscompetitivene.pdf.download.pdf/the_significanceofglobalresourceavailabilitytoswisscompetitivene.pdf
- Global Footprint Network 2013. *Francophonie Atlas 2013*, Organisation de la Francophonie, Quebec, Canada. <http://www.footprintnetwork.org/en/index.php/GFN/page/publications/>
- Global Footprint Network, 2013. Philippines 2013 Ecological Footprint Report: Restoring Balance in Laguna Lake Region, Laguna Lake Development Authority,
- Global Footprint Network 2013. The Ecological Footprint and Biocapacity of California. EPA USA <http://www.footprintnetwork.org/en/index.php/GFN/page/publications/>
- Global Footprint Network 2013. The Ecological Footprint and Biocapacity of California Technical Report. EPA USA <http://www.footprintnetwork.org/en/index.php/GFN/page/publications/>
- Global Footprint Network 2013. Hong Kong Ecological Footprint Report 2013. WWF, Hong Kong <http://www.footprintnetwork.org/en/index.php/GFN/page/publications/>
- Wackernagel, Mathis 2013, How Much Nature Do We Have to Use? Blog December 12, 2013, Scientific American, <http://blogs.scientificamerican.com/guest-blog/2013/12/12/how-much-nature-do-we-have-to-use/>
- WWF, Global Footprint Network and Zoological Society of London, 2012, *Living Planet Report 2012*. WWF International, Gland.
- Global Footprint Network, 2011: "Resource Constraints and Economic Performance in Eastern Europe and Central Asia", Report to UNDP Bratislava, Global Footprint Network, Oakland and UNDP, Bratislava. (main authors: Kyle Gracey and Mathis Wackernagel)
http://www.footprintnetwork.org/images/uploads/Resource_Constraints_and_Economic_Performance.pdf
- AFED: 2012 Arab Ecological Footprint and Biocapacity Atlas, Arab Forum for Environment and Development, Beirut.
- Wackernagel, Mathis and Alessandro Galli, 2012. "Accelerating development success with the Ecological Footprint: Economic performance in the age of emerging resource constraints" Global Dialogues.
- Susan L. Sakmar, Mathis Wackernagel, Alessandro Galli, David Moore, 2011, "Sustainable development and environmental challenges in the Mena region: Accounting for the environment in the 21st century" Working Paper #592, The Economic Research Forum, Cairo, Egypt.
- WWF, Global Footprint Network and Zoological Society of London, 2010, *Living Planet Report 2010*. WWF International, Gland.
- GTZ, Global Footprint Network, 2009, *A Big Foot on a Small Planet? Accounting with the Ecological Footprint; Succeeding in a world with growing resource constraints*, GTZ, Bayrischer Wald,

- Global Footprint Network, (including English, German, French, Portuguese and Spanish version) – contributing author. <http://www.conservation-development.net/index.php?L=2&ds=313>
- Global Footprint Network, 2010, *The Ecological Wealth of Nations*, Global Footprint Network, Oakland.
- Global Footprint Network, 2009, *Footprint Factbook: Africa - Securing Human Development in a Resource Constrained World*, Global Footprint Network, Swiss Agency for Development and Cooperation, Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ), Luxembourg Cooperation, UNESCO.
http://www.footprintnetwork.org/images/uploads/AfricaFactbook_2009.pdf
- Global Footprint Network, 2009, *The Ecological Power of Nations*, Secretariat of Community of Andean Nations, Acuerdo Ecuador, Lima, Peru.
- WWF, Global Footprint Network and Zoological Society of London, 2008, *Living Planet Report 2008*. WWF and Global Footprint Network.
- Wackernagel, Mathis, 2008. "The Sustainable Development Challenge: with 'peak everything' around the corner, how can we succeed?" *Climate Action*. Climateprogramme.org [distributed to Fourth Meeting of the Parties to the Kyoto Protocol, December 1 - 12, 2008 (Poznan, Poland).]
- Global Footprint Network and Confederation of Indian Industries, 2008, *India 2008*. Global Footprint Network, CII.
- Global Footprint Network and WWF, 2008, *Africa – Ecological Footprint and Human Well-Being*. WWF and Global Footprint Network.
- Global Footprint Network and WWF China, 2008, Report on Ecological Footprint in China, CCICED – WWF, Beijing.
- Global Footprint Network, 2008, Toward a Preferred Future Understanding Calgary's Ecological Footprint, City of Calgary,
http://www.calgary.ca/docgallery/bu/environmental_management/ecological_footprint/towards_preferred_future.pdf
- The City of Calgary and Global Footprint Network, 2008 Toward a Preferred Future: Understanding Calgary's Ecological Footprint. January 2008. The City of Calgary, Canada.
- Mathis Wackernagel, 2008. Ecological Footprint – Its basic concepts. *local land & soil news* no.24/25 1/08
- WWF Canada, Global Footprint Network, Zoological Society of London (2007) Canadian Living Planet Report 2007, WWF Canada, Toronto.
- Jorgen Vos, Mathis Wackernagel, 2007. Futureproofing our infrastructure with the Ecological Footprint, Voice of Stakeholders, Japan, November, 2007, www.e-squareinc.com
- Wackernagel, Mathis. "Use it and lose it?." *Scientific American* 294.1 (2006): 14-14.
- Stefan Giljum PhD (Sustainable Europe Research Institute), Dr. Friedrich Hinterberger (Sustainable Europe Research Institute), Mathis Wackernagel PhD (Global Footprint Network), Justin Kitzes (Global Footprint Network), Resource Use Indicators in the European Union Policy Processes, Indicator Sets and Criteria for a Headline Indicator. www.aachenfoundation.org, August 2006.

Curriculum Vitae of Mathis Wackernagel, Ph.D.

- Global Footprint Network, Swiss Agency for Development and Cooperation, 2006, *Africa's Ecological Footprint: Human Well-Being and Biological Capital*, Factbook, Draft Document in support of 4 workshops, Global Footprint Network, Oakland. www.footprintnetwork.org/africa
- World-Wide Fund for Nature International (WWF), Global Footprint Network, Zoological Society of London, 2006, *Living Planet Report 2006*, WWF, Gland, Switzerland.
- World-Wide Fund for Nature International (WWF), Global Footprint Network, 2005, *Asia Pacific 2005: The Ecological Footprint and Ecological Wealth*, WWF, Gland, Switzerland. editor: Mathis Wackernagel and Justin Kitzes.
- Mathis Wackernagel, Chad Monfreda, Dan Moran, Steve Goldfinger, Diana Deumling, Michael Murray, Paul Wermer, 2005, "National Footprint and Biocapacity Accounts 2005: The underlying calculation method" Global Footprint Network, Oakland, www.footprintnetwork.org.
- Global Footprint Network (lead: Mathis Wackernagel), Stockholm Environment Institute (lead: John Barrett), New Economics Foundation (lead: Andrew Simms), with Steven Goldfinger, Daniel Moran, Paul Wermer, Michael Murray, Thomas Wiedmann, Rachel Birch, Petra Kjell, Julian Oram, 2005. *Europe and the Globe: How the Planet and the World's Largest Economy Interact*. SR8 in support of EEA's 'State of the Environment and Outlook Report 2005', Contract EEA/AIR/04/001, submitted.
- World-Wide Fund for Nature International (WWF), Global Footprint Network, 2005, *Europe 2005: The Ecological Footprint*, WWF, Gland, Switzerland. editor: Mathis Wackernagel and Dan Moran.
- Mathis Wackernagel, Manfred Lenzen, Diana Deumling, Bonnie Lauck (now McBain), 2005. The Ecological Footprint of Victoria, ISA University of Sydney, Global Footprint Network, EPA Victoria. (www.epa.vic.gov.au/eco-footprint).
- Mathis Wackernagel, Michael Murray, Peter Hardi, 2005, "Ecological Footprint Assessment for BC Hydro", IISD, Global Footprint Network, BC Hydro, Vancouver.
- Phil Stewart, Mathis Wackernagel, Michael Murray, Steve Goldfinger, "The Ecological Footprint of Kadoorie Farm and Botanic Garden, Hong Kong," WSP, London, Global Footprint Network.
- World-Wide Fund for Nature International (WWF), Global Footprint Network, UNEP World Conservation Monitoring Centre, 2004, *Living Planet Report 2004*, WWF, Gland, Switzerland. (www.panda.org/livingplanet), editors: Jonathan Loh and Mathis Wackernagel.
- Mathis Wackernagel, Chad Monfreda, Dan Moran, Steve Goldfinger, Diana Deumling, Michael Murray, 2004, "National Footprint and Biocapacity Accounts 2004: The underlying calculation method" Global Footprint Network, Oakland, www.footprintnetwork.org.
- Lovink, J S, Wackernagel, M, and Goldfinger, S H. 2004. *Eco-Insurance: Risk Management for the 21st Century: Towards a Policy Framework for a Sustainable Future*. Institute for Environmental Security, The Hague, Netherlands. www.envirosecurity.net/conference/working/ecoinsurance.pdf (accessed August 2004).
- Mathis Wackernagel, Dan Moran, Steven Goldfinger, 2004, "Ecological Footprint Accounting: Comparing Resource Availability with an Economy's Resource Demand" Contribution to "Tools and Indicators" Workshop of NRG4SD Conference, Cardiff, March 22-25, 2004
- Jacqui Fincham, Phil Stewart, Chris Martiniak, Diana Deumling, Mathis Wackernagel, Steve Goldfinger, 2004, *Towards a Sustainable London: Reducing the Capital's Ecological Footprint. Case Study 2: Guilbert*. WSP and Natural Strategies, London and Oakland.

- Phil Stewart, Jacqui Fincham, Mathis Wackernagel, Chris Martiniak, Jonathan Loh, Peter Sharratt and Susan Burns, 2003, *Towards a Sustainable London: Reducing the Capital's Ecological Footprint. Phase 1 Report: Determining London's Ecological Footprint and Priority Impact Areas for Action*. WSP and Natural Strategies, London and Oakland.
- Jacqui Fincham, Mathis Wackernagel, Chris Martiniak, Aaron Daly, Phil Stewart, Peter Wilson and Susan Burns, *Towards a Sustainable London: Reducing the Capital's Ecological Footprint. Case Study 1: Convoys Wharf*. WSP and Natural Strategies, London and Oakland.
- Diana Deumling, Mathis Wackernagel, and Chad Monfreda, 2003, *Eating Up the Earth: How Sustainable Food Systems Shrink Our Ecological Footprint*. Agriculture Footprint Brief July 2003, Redefining Progress.
- Wackernagel, M. "Overbelaster vi økologien?" *Information* (Denmark), December 5, 2002.
- Wackernagel, M., Chad Monfreda, and Diana Deumling, "Ecological Footprint of Nations - November 2002 Update: How Much Nature Do They Use? How Much Nature Do They Have?" Redefining Progress, CA, November 2002, www.redefiningprogress.org/media/releases/021125_efnations.html, www.redefiningprogress.org/publications/ef1999.pdf
- Redefining Progress, 2002. "Your Ecological Footprint: Moving Sustainability from Abstract Concept to Concrete Goal," folding brochure for the World Summit on Sustainable Development (WSSD) in Johannesburg, Redefining Progress, CA, World Wide Fund for Nature International, Switzerland, Earth Day Network, USA (2002) www.redefiningprogress.org/publications/wssd_brochure.pdf
- "L'empreinte écologique en France..." in *Rapport "Planète Vivante" 2002*, French version of *Living Planet Report 2002*, [supplement on French time series, Footprint of Paris and Besançon], WWF-France and Redefining Progress with Ministère de l'Écologie et du Développement Durable, and the municipalities of Paris and Besançon, www.wwf.fr/empreinte_ecologique/planetviv02.pdf
- Sustainable Sonoma County with Redefining Progress, 2002, *Time to Lighten Up? Report on the Sonoma County Footprint Project*, Sustainable Sonoma County, Sebastopol, CA, www.sustainablesonoma.org/projects/scefootprint.html.
- Chad Monfreda and M. Wackernagel, 2002, "The Footprint of Switzerland 1992 - 2002," A report for WWF Switzerland, Redefining Progress, CA.
- Wackernagel, M., Chad Monfreda, Elie Gurarie, 2002, National Footprint Accounts since the Living Planet Report 2000, Redefining Progress, Sustainability Program May 23, 2002. www.redefiningprogress.org/ef_improvements.html.
- Redefining Progress and Earth Day Network, 2002, Sustainability Starts in Your Community A Community Indicators Guide, Redefining Progress and Earth Day Network [editing and new introduction, body based on the Redefining Progress Indicator Handbook]. www.redefiningprogress.org/publications/ciguide.pdf.
- Redefining Progress, 2002. "Ecological Footprint Accounts: Moving Sustainability from Concept to Measurable Goal," Redefining Progress, CA. www.redefiningprogress.org/programs/sustainability/ef/efbrochure.pdf
- Monfreda, Chad, Jerome Sayre, M. Wackernagel, and Ken White, "Ecological Footprint Analysis for South Africa" in WWF South Africa, 2002, *The Biodiversity of South Africa 2002: Indicators, Trends and Human Impacts*, Struik Publishers, Cape Town.
- World-Wide Fund for Nature International (WWF), UNEP World Conservation Monitoring Centre, Redefining Progress, with the Center for Sustainability Studies, 2002, *Living Planet Report*

- 2002, WWF, Gland, Switzerland. (www.panda.org/livingplanet, Living Planet Report 2000 also contains Ecological Footprints, but the 2002 is built on the more comprehensive current methodology). [Jonathan Loh, editor, M. Wackernagel responsible for the Footprint section, making up about 85 percent of the report]
- Wackernagel, M., Kirk Hamilton, Jonathan Loh, and Jerome Sayre, 2002, "Accounting for Sustainable Development: Complementary Monetary and Biophysical Approaches," Redefining Progress and Environment Department of World Bank, Prepared for the OECD Roundtable on Sustainable Development, Version 2.0, June 15, 2002.
- Wackernagel, M. and Jørgen Randers (co-chairs of Integrated Subgroup), December 2001, "Introducing 'Limits-Based Indicators' in GRI Reporting, Recommendations of Integrated Subgroup. Report to the Global Reporting Initiative, Boston.
- Wackernagel, M., Diana Deumling, Chad Monfreda (Redefining Progress); Alejandro Callejas Linares, Ina Susana López Falfán, María Antonieta Vásquez Sánchez (Centre for Sustainability Studies) "Ecological Footprint of Nations, December 2001 Update," How Much Nature Do They Use? How Much Nature Do They have?" Redefining Progress, CA.
www.redefiningprogress.org/publications/1997_efoot.pdf.
- Wackernagel, M. and Jonathan Loh, 2001, "Indicators of Sustainable Development: the Ecological Footprint" Briefing Report to the OECD Round Table on Sustainable Development, Redefining Progress, World Wide Fund for Nature International, Switzerland.
- Wackernagel, M. and Kim Rodgers, 2001, "Advancing Sustainability and Economic Competitiveness with the Ecological Footprint" Reflector: A Publication of the Texas Solar Energy Society, Fall 2001
- Wackernagel, M. and Kim Rodgers, 2001, "Establishing a 'Sustainability Academy:' Preparing Leaders to Dismantle the Taboo in Order to Unleash Sustainability," Redefining Progress, CA.
- Wackernagel, M., 2001, "Framing Sustainability with the Ecological Footprint: Dismantling the taboo in order to unleash sustainability", Meeting on High-Leverage Indicators, Performance Measures, and Cross-Cutting Issues of Economic Strategy, January 23rd 2001, proceedings published in August 2002, Environment Canada, Great Lakes and Corporate Affairs, Canada Centre for Inland Waters, Burlington ON
- Wackernagel, M., 2001, "Advancing Sustainable Resource Management: Using Ecological Footprint Analysis for Problem Formulation, Policy Development, and Communication," Prepared for DGXI, European Commission, Redefining Progress, Oakland.
europa.eu.int/comm/environment/enveco/studies2.htm#26.
- Wackernagel, M. "Advancing Sustainability and National Competitiveness with the Ecological Footprint", Report to Prime Minister Paavo Lipponen, Minister of Environment Satu Hassi, and The Committee of Sustainable Development, Redefining Progress, January, 2001.
- World-Wide Fund for Nature International (WWF), UNEP World Conservation Monitoring Centre, Redefining Progress, Center for Sustainability Studies, 2000, *Living Planet Report 2000*, World Wide Fund for Nature International, Gland, Switzerland 2000. [Jonathan Loh, editor, M. Wackernagel responsible for the Footprint section, making up about 75 percent of the report]
- Wackernagel, M. and Paolo Lombardi, "Reducing Europe's Ecological Footprint: Identifying a Long Term Goal for WWF in Europe." Concept Paper for WWF Europe, Gland 2000.
- Hawken, Paul and M. Wackernagel, 2000, Satisfying Lives for All Within the Means of Nature: How a honed GRI Could Advance True Sustainability, CERES, Boston. [paper commissioned by the Global Reporting Initiative]

- Wackernagel, M. *Ecological Footprints: A Tool for Advancing Sustainability*. A slide presentation by Mathis Wackernagel, illustrated by Iliana Pámanes and Phil Testemale, New Society Publishers, Gabriola Island, BC, 2000. [set of 32 colorful slides with descriptions, slideshow suggestions and handout materials]
- Goodman, Gary Sue, Clifford Cobb and M. Wackernagel, 1999. Why Bigger isn't Better: The Genuine Progress Indicator – 1999 Update. Redefining Progress, San Francisco.
- Wackernagel, M., Alejandro Callejas, María Antonieta Vásquez Sánchez, Ina Susana López Falfán, Diana Deumling, and Larry Onisto, 1999. *The Ecological Footprints of Nations Update for 1995*, Report to the Union Bancaire Privée, Geneva, Redefining Progress, San Francisco and Centro de Estudios para la Sustentabilidad, Xalapa.
- Wackernagel, M., Alejandro Callejas, María Antonieta Vásquez Sánchez, Ina Susana López Falfán, Diana Deumling, and Larry Onisto, 1999. "The Ecological Footprints of Nations Update for 1995," Report to the Union Bancaire Privée, Geneva. Redefining Progress and Centro de Estudios para la Sustentabilidad.
- Onisto, Larry, Eric Krause and M. Wackernagel, "How Big Is Toronto's Ecological Footprint?" Centre for Sustainability Studies and the City of Toronto, September 1998.
- Onisto, Larry and M. Wackernagel, "A New Approach for Assessing National Membership Dues for International Organizations: Making Fees Reflect Nations' Ecological Impact on the Planet" Special report to Maurice Strong, United Nations, New York. November 1998.
- Callejas, Alejandro, and M. Wackernagel, "La huella ecológica del uso-consumo de agua en el municipio de Xalapa, Veracruz" (the Ecological Footprint of the use and consumption of water in the municipality of Xalapa, Veracruz) in Patricia Ávila García (editor), Agua, Medio Ambiente y Desarrollo en México. Memoria del XX Coloquio Antropología e Historia Regionales, El Colegio de Michuacán, 1998.
- Wackernagel, M., Larry Onisto, Alejandro Callejas Linares, Ina Susana López Falfán, Jesus Méndez García, Ana Isabel Suárez Guerrero, Ma. Guadalupe Suárez Guerrero, Ecological Footprints of Nations: How Much Nature Do They Use? How Much Nature Do They Have? Commissioned by the Earth Council for the Rio+5 Forum. International Council for Local Environmental Initiatives, Toronto, 1997.
<https://web.archive.org/web/19980209044630/http://www.ecouncil.ac.cr/rio/focus/report/english/footprint/> and
<https://www.footprintnetwork.org/content/uploads/2021/03/ecological-footprints-nations-1997.pdf>
- Wackernagel, M. *Ecological Footprints: A Tool to Make Sustainability Happen*. illustrated by Iliana Pámanes and Phil Testemale, International Council for Local Environmental Initiatives, Toronto, 1997. [slide show on Footprint]
- Wackernagel, M., "What Ecological Economics Can Learn from Social Psychology" presented at the Fourth Biennial Meeting of the International Society for Ecological Economics, Boston, August 6, 1996.
- Wackernagel, M., "Economics from an Ecological Footprint Perspective: Will Efficiency Do the Trick?" FOOTPRINTS - Sustainable Energy Development, Ontario Hydro Environment and Sustainable Development Division, Newsletter 4 June 1996.
- Wackernagel, M., "Der ökologische Fussabdruck: Wo drückt's?" (The Ecological Footprint: where does it hurt?) Schweizer Naturschutz No.3, 1996.
- Wackernagel, M., "¿Cuánto Mide Nuestra Huella Ecológica?" Tierramérica (in Reforma), Mexico. Vol 2 No. 2. April 1996.

- Wackernagel, M., "Universidad Anáhuac de Xalapa: Toward a Centre for Sustainability Studies: Institutional Philosophy, Research and Academic Centre" (English and Spanish), Universidad Anáhuac de Xalapa, November 29, 1995.
- Wackernagel, M., Larry Onisto and Francisco Mata, Earth Reports for People: Inspiring New Visions to Make Sustainability a Reality. 1995. Proposal to the Earth Council, San José, Costa Rica.
- Onisto, Larry, and M. Wackernagel, "The Ecological Footprint of Cities." Discussion paper submitted to the Earth Council. 1994.
- Wackernagel, M., "Ecological Footprint and Appropriated Carrying Capacity: A Tool for Planning Toward Sustainability." 1994. Ph.D. Thesis. School of Community and Regional Planning. The University of British Columbia. <https://dx.doi.org/10.14288/1.0088048> <http://circle.ubc.ca/handle/2429/7132> or <https://open.library.ubc.ca/cIRcle/collections/ubctheses/831/items/1.0088048>.
- Wackernagel, M., "Estimating Appropriated Carrying Capacity: Examples from Canada and Possible Applications for other Areas." In M. Alwi Dahlan and Geoff Hainsworth (ed.), 1993. Population Quality and Sustainable Settlements: Selected Proceedings from Two Workshops. EMDI Project, Jakarta and Halifax. [Paper given at the November 1992 Seminar at the UBC Centre for Human Settlements for the staff and the Assistant Minister of the Indonesian Ministry for Population and Environment (KLH)].
- Wackernagel, M., "What Is Good Planning Research? Exploring its Methodology." 1994. Final paper towards the substantive comprehensive exam. SCARP, UBC, Vancouver.
- Badami, Madhav, Mike Carr, John Curry, Steve Patrinick, William Rees, and Mozaffar Sarrafi, and M. Wackernagel, "Sustainability and Planning." 1994. Discussion Paper on Sustainability for the Canadian Institute of Planners. [Lead authors: John Curry and MW. Explains the sustainability challenges and explores potential planning responses].
- Wackernagel, M. with the UBC Task Force on Healthy and Sustainable Communities, "How Big Is Our Ecological Footprint?" 1993, (1994 two improved editions). Brochure produced by the UBC Task Force on Healthy and Sustainable Communities, Vancouver. Also published in: SPARC News. Winter 1993/94. Vol.10 No.2. p 1-17. And, The New Catalyst. Spring 1994, Number 27. p 1-3. [An eight page pamphlet used for original diffusion of concept].
- Wackernagel, M. with William E. Rees, Janette McIntosh, and Bob Woollard, "How Big is Our Ecological Footprint: Handbook for Estimating a Community's Appropriated Carrying Capacity." Prepared for the UBC Task Force on Healthy and Sustainable Communities, Vancouver. Discussion draft, 1993. [First documented systematic calculation attempt of an Ecological Footprint].
- Wackernagel, M., "Comparing Three Thinking Tools for Policy Analysis: System of National Account, National Hicksian Income, and Appropriated Carrying Capacity." Chapter of Conscribe Report Population - Environment Linkages. Commissioned by the Indonesian Ministry of Population and Environment, Jakarta. 1992. Editor Peter Boothroyd.
- Wackernagel, M., "Using 'Appropriated Carrying Capacity' as an Indicator. Measuring the Sustainability of a Community." Technical Report to the UBC Task Force on Healthy and Sustainable Communities, Vancouver. 1991.
- Wackernagel, M., "Assessing Ecological Sustainability: A Background Paper on Indicating the Health and Sustainability of a Community by Measuring its Appropriated Carrying Capacity." Background Report to the UBC Task Force on Planning Healthy and Sustainable Communities, Vancouver. 1991.

VII. RECENT SPEAKING ENGAGEMENTS (incomplete)

2025

- Keynote - Sustainable Foods Conference, San Francisco
- Brailard Seminar
- Commonwealth Magazine, on Investment, Taiwan
- Siena: Fondazione Monte Paschi
- Siena University, PhD Seminar
- Siena Lectio Magistralis
- Lichtenstein Academy
- Cordoba, Argentina (climate conference)
- Keynote - Sustainable Switzerland, Neue Zürcher Zeitung AG
- Keynote - Rigas Mezi forest conference (Latvia)
- Wyss Academy, Seminar, Bern
- Commonwealth Magazine, on conservation, Taiwan
- University lectures (video various)
- Webinars

2024

- Keynote - Sustainable Foods Conference, San Francisco
- Keynote ESRI
- Brailard Seminar
- Uruguay (various)
- Colombia (various, including in parliament)
- Nobel Trust Event
- University lectures (video various)
- Webinars

2023

- European Population Gathering, Paris
- Norman Foster Foundation – Sustainability Seminar
- Brailard Seminar
- Drees & Sommer
- Brescia Science Fair
- Soil to Soul, Swiss Overshoot Day
- University lectures (video)

2022

- DMF Webinar with Moritz Kraemer
- Stirling – Research seminar
- Stirling – Hydronation seminar
- Edinburgh (Royal Society)
- Copenhagen (CIFS - Foresight Institute)

- Copenhagen European Environment Agency
- Berlin (BMZ)
- Zurich Volkshochschule
- “Was wird wertvoll?” Liechtenstein Academy
- Agence Française de Développement (December)
- Food Packaging Forum, Zurich (10 year anniversary of Food Packaging Forum)
- ETH PhD course (Prof. Thomas Bernauer)
- Real Change (Bay Area Tour)
- Drees & Sommer, Luxembourg
- Braillard Seminar
- San Francisco – WIRED MAGAZINE - <https://www.wired.com/video/watch/re-wired-green-2022-how-much-earth-do-you-take-up>
- AgroFood SUMmit
- Chilean Central Bank
- IRDO conference, Slovenia
- Rotary Club, Toronto

2021

- Swiss Tourism Gathering
- Braillard Seminar
- New Institute – new indicators seminar
- Drees & Sommer
- Aveiro Region – regional Footprints
- Kulturpark Zurich
- Sustainable Mateo County

2020

- Resource security and conflict
- EPA Network July 2020
- Braillard Seminar
- Ed Salzman and Hazel Henderson presentation
- Prosperidad en un Planeta – Mexico provincial secretary of environment webinar

2019

- Ponzi or Prosperity? DIE-BMZ, Bonn, Footprint workshop, January 26, 2019
- Who are you? What is the problem? What are the solutions? Environmental Engineering, UC Berkeley, February 22, 2019
- Penury or Prosperity? Latin American Conference of Mayors, Florida State University, June 19, 2019, Miami
- 29th of July. Keynote to Partners annual meeting, Foster and Partners, September 20, 2019, London
- Global Citizenship: What does it mean in the 21st century? Keynote address in celebration of the opening of the Innovation Center, California State University San Bernardino, November 14, 2019
- The Ecological Ponzi Scheme, November 15, 2019, Követ Symposium, Hungary via web

2018

- “One Planet Cities” Oskar von Miller Forum, Munich, Germany - January 18, 2018 (Keynote speaker) <https://www.oskarvonmillerforum.de/en/event/one-planet-cities/>
- 7th International Convention of Environmental Laureates, European Environmental Foundation, Freiburg, Germany - March 16, 2018. (Keynote speaker) <https://www.european-environment-foundation.eu/en-en/laureates-convention/upcoming-convention/programme/public-events>
- “Metric for Sustainability” 138th Assembly, the Inter-Parliamentary Union, Geneva, Switzerland - March 27, 2018. <https://www.ipu.org/event/138th-assembly-and-related-meetings/programmes/by-day> (Panel presentation)
- St. Louis University 200th Anniversary Symposium/Climate Summit, Missouri - April 24, 2018 (Keynote speaker)
- Il circolo di incontri de Il Messaggero, One-Planet Prosperity, Rome, June 5, 2018 (Keynote speaker)
- ASI Academic for Sustainable Innovation, Toronto, July 23, 2018.
- IDEA, Swiss Federal Institute of Technology, PhD seminar week September 3/4, 2018
- Ministry of Climate Change and Environment MOCCA (Dubai, UAE) September 5/6
- American University of Sharjah, September 9, 2018
- WWF Singapore, September 20, 2018
- One Planet? Many Choices! Keynote SEE Costa Rica, September 29, 2018
- California’s Global Climate Action Summit, Dutch consulate, October 10, 2018
- Almada, Portugal, Ecological Footprint, October 26, 2018
- Innovenenergy Keynote, Lisbon, Portugal October 26, 2018
- Biocapacidad: malentendidos & oportunidades, Avina Sustainability Summit, San José, November 7, 2018

2017

- “Terra Incognita: Footprints Towards the Unknown” Meeting of the Pontifical Academy of Sciences on Biological Extinction, Vatican City, Feb. 27 – March 1, 2017. (Presentation)
- “Planetary Boundaries, Ecological Footprints, and Poverty Eradication” Conference on Making the Planetary Boundaries Concept Work, Berlin, Germany -April 24-25, 2017. (Presentation)
- “What is missing for a Successful Future?” 6th international workshop on Advances in Cleaner Production – Sao Paulo, Brazil -May 26, 2017. (Opening keynote), also workshop: “Metrics for Cities and Local Governments”
- “Metrics for Advancing One-Planet Prosperity” LCM 2017, International Conference on Life Cycle Management, Luxembourg - September 6, 2017. <http://lcm-conferences.org/first-lcm2017-keynote-speakers-confirmed> (Keynote speaker)
- “Metric for Ecological Civilization” Eco Forum Global Symposium in Guiyang, Guizhou Province, China – June, 17 2017. (Opening panel)
- Scottish Environmental Protection Agency, SEPA, “One Planet Prosperity”, Edinburgh, August 30, 2017

- “Footprint and Businesses” one-day course, Zeppelinuniversität, Friedrichshafen, Germany September 7 2017
- “Vermessen?” Medienhaus, Friedrichshafen, September 7, 2017
- Club of Rome Academy, “What Do You Want for 2050? Exploring Our Footprint Futures” Florence, September 11, 2017
- Various Panels. World Resources Forum, Geneva, Switzerland - October 24-25, 2017. <https://www.wrforum.org/>
- “Unleashing Innovation for One-Planet Cities”. Institute for Advanced Architecture of Catalonia, Barcelona - October 26, 2017. (Inaugural Lecture followed by media interviews)
- Swiss Federal Institute of Technology, “Examining Resource Security: Is Switzerland undermining its competitiveness?” Zurich, November 6, 2017
- Natural Capital Forum, Edinburgh, Panels, opening summary and closing summary, Scotland, November 28, 2018
- Statistics Canada, Internal Ecological Footprint workshop, Ottawa, December 5, 2017
- York University, “Robustness and Trust: What’s Next for the Ecological Footprint” Ecological Footprint Seminar, Toronto, December 7, 2017

2016

- World Bank brown bag “Global Footprint Network ‘s Human Development Initiative” – Washington DC, April 27, 2016 (also at IDB and US EPA)
- “Growth is Magical” Symposium St. Gallen, Switzerland, May 12, 2016
- Keynote: World Summit on Environmental Accounting, “ECO₂ CIVILIZATION”, Normal University Beijing, Beijing June 5 2016
- “ECO₂ FOOTPRINT: implications for rating” Dagong Credit Rating Agency “”, Beijing, 8 June 2016
- Swiss Finance Institute, “Is Sustainability Financially Immaterial? Contradictory Perspectives” Zurich, October 4, 2016
- “Rethinking Capitalism: Resource scarcity post Paris” University of Edinburgh, October 5, 2016
- Stirling, Scottish Environmental Protection Agency, SEPA, “One Planet Prosperity”, October 5, 2016
- DFID, London, Resource Security and human development, London October 10, 2016
- Keynote “ECO₂ FOOTPRINT: From Origin to Application” EMAN conference, Lüneburg, Sept 22, 2016

2015

- Keynote presentation, Circular Economy Forum, “Was bestimmt den wirtschaftlichen Erfolg im 21. Jahrhundert?” Salzburg, January 2015
- Workshop, Asia Development Bank Annual Meeting, Myanmar, “Biological wealth of Greater Mekong Region countries and its economic importance” January 2015
- HSG St. Gallen, Schmidheiny Symposium Sustainability Leaders, “Ecological Bookkeeping: From Bankruptcy to Prosperity” February 5, 2015
- Commonwealth Club San Francisco, “Living Planet Report 2014: The Ecological Footprint: From the Global to the Local” February 18, 2015
- “The Opportunity Space for South America” 3GF, Santiago de Chile, June 2015

- “A global Footprint perspective: How to remain competitive in an ecologically constrained world?” Eco Forum Global, Guiyang, June 26, 2015
- “Guizhou Footprint Project” Eco Forum Global, Guiyang, June 26, 2015
- World Resources Forum “Does Matter Matter?” October 2015
- Keynote Address, Recycla. “Mega Metrics: Securing Chile’s Success” October 19 2015.
- TEDx Talk, San Francisco, *How much Nature do we have? How much do we use?* October 22, 2015.
<https://www.youtube.com/watch?v=3M29BY86bP4&feature=youtu.be>

VIII. ADVISORY

- Advisor to thematic investment fund UBS (formerly Credit Suisse) (2023 –
- Science Advisor to Soil to Soul, Switzerland (2023 –
- Founding Board Member, Footprint Data Foundation, Toronto, www.FoDaFo.org; (2019 -)
- Founding Board Member, rePLANET, UK, www.rePLANET.org.uk (2021-
- Advisor / board member <https://suncube.ch/about-us/>
- Partner in NOW.partners (2020 -) <https://now.partners/team/>
- Member of Novartis’ impact valuation advisory committee (IVAC) of Novartis (2018 - 2023)
- Full member of the *Club of Rome* (2015 -); <https://www.clubofrome.org/member/wackernagel-mathis/>
- Sustainability Advisory Board, Ingersoll Rand (2009-2013);
- Half Earth Council member, <https://www.half-earthproject.org/discover-half-earth/#council>
- Advisor to Katerva (2010 - 2012) www.katerva.net;
- Member of the Editorial Board of *Journal of Environmental Accounting and Management*
- Member of the Editorial Board of *Journal of Cleaner Production* (former)
- Member of the Editorial Board of *Ecological Economics* (1998-2008);
- Board member of United States Society for Ecological Economics (2005-2006);
- Member of Green Facts (greenfacts.org) (2004-2009);
- Big Picture TV (www.bigpicture.tv) (2003);

- Angenius (www.angenius.org);
- Member of the Editorial Board of *GAIA Journal* (2013-;
- Advisor to Global Sustainability, RMIT University, Melbourne, Australia; (2004-2010)
- Member of International Expert Panel (IEP) of the Institute for Sustainable Systems and Technologies (ISST) Initiative. <http://www.unisa.edu.au/isst>
- Advisor to Hazel Henderson and Calvert's Quality of Life Indicator initiative www.Calvert-Henderson.com (closed as Hazel passed)
- Advisor to P21, a Sustainability fund of Progressive Investment Management, Portland; (2002-2005)
- Advisor to the Center for Climate Protection (formerly *Telos Project*), a California based sustainability NGO, founded and led by Ann Hancock;
- Advisor to the *Institute for Environmental Security*, The Hague, Brussels, Washington D.C. www.envirosecurity.org; (early 2000)
- Co-chair of "limits-based indicators" working group of the Global Reporting Initiative (February 2001-December 2001);
- Member of the Advisory Committee to the European Pherology Organisations Confederation, United Kingdom and the Netherlands (early 2000).

IX. LANGUAGE SKILLS

German:	mother-tongue.
English:	read, write and speak fluently.
Spanish:	read and speak fluently; write adequately.
French:	read and speak fluently; write adequately.
Danish:	read fluently, speak and write poorly.

X. GENERAL INFORMATION

Citizenship:	Swiss and U.S.
Birthplace:	Basel, Switzerland (1962).