

PROF. DR. JOHAN ROCKSTRÖM



CURRENT POSITIONS

- Director at the Potsdam Institute for Climate Impact Research (PIK), PIK's research has been rated "excellent" during the last Leibniz evaluation
- Professor at the Institute of Earth and Environmental Science, Potsdam University
- Chief Scientist, Conservation International
- Founding Director of the Stockholm Resilience Centre, Stockholm University
- Honorary Doctorship, Ghent University

CONTACT

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PROFILE

Johan Rockström is an internationally recognized scientist for his work on global sustainability issues. He helped lead the internationally renowned team of scientists that presented the planetary boundaries framework, first published in 2009, with an update in 2015. The nine planetary boundaries presented in the framework are argued to be fundamental in maintaining a “safe operating space for humanity.” This framework has been embraced as an approach to sustainable development, and has been used to help guide governments, international organizations, NGOs, and companies considering sustainable development.

Before focusing on the planetary scale, Rockström’s research aimed to address building resilience in water scarce regions, and is an expert on water resources. After completing a PhD at Stockholm University’s Systems Ecology Department in 1997, he spent nearly two decades working on applied water research in tropical regions. He has also published research on with agriculture systems, land use, and ecosystem services.

Aside from his research helping to guide policy, Rockström acts as an advisor to several governments and business networks. He also acts as an advisor for sustainable development issues at noteworthy international meetings, such as the United Nations General Assemblies, World Economic Forums, and the United Nations Framework Convention on Climate Change Conferences (UNFCCC, also known as COP).

He is chair of the steering committee for CGIAR’s Research Program on Water, Land, and Ecosystems, a member of the United Nations Sustainable Development Solutions Network (SDSN), as well as a member of several other committees and boards.

Rockström acts as chair of the advisory board for the EAT Foundation, a network that integrates knowledge on food, health, and sustainability to work towards providing environmental limits for healthy diets of the growing global population. He is one of 20 international scientists working on the EAT-Lancet Commission, an assessment of the global food system, and whether a transformation towards healthy and sustainable diets is possible. This assessment is the first systematic analysis of the food system at the global scale, and is due for completion in 2017.

Rockström has published over 100 research articles, including articles in *Science* and *Nature*, as well as 20 book chapters. He has also published four books: *The Human Quest* (2012) and *Big World Small Planet* (2015) with National Geographic photographer, Mattias Klum; co-authored *Water Resilience for Human Prosperity* (2014); and *Bankrupting Nature* (2012) co-authored with Swedish writer and politician, Anders Wijkman.

As a compelling speaker, he engages with popular media on issues relating to sustainable development.

EDUCATION

- 1997 — PhD, Natural Resources Management, Institut für Systemökologie, Universität Stockholm
- 1995 — Licenciante of Philosophy (Ph Lic), Stockholm Universität
- 1993 — Diplôme d'Agronomie Approfondie, Grande Ecole Insitute National Agronomique, Paris-Grignon
- 1992 — Master of Science, Agricultural Sciences, University of Agricultural Sciences, Uppsala, Sweden

CAREER

- since 2018 — Director, Potsdam Institute for Climate Impact Research
- since 2018 — Chief Scientist, Conservation International
- 2007 - 2018 — Executive Director, Stockholm Resilience Centre (SRC), Stockholm University, Sweden
- 2004 - 2012 — Executive Director, Stockholm Environment Institute (SEI), Sweden
- 2000 - 2004 — Senior lecturer and regional research coordinator (WaterNet, Southern Africa) Unesco-IHE, Delft, Netherlands
- 1998 - 2000 — Regional Advisor, land and water management for SIDA's Regional Land Management Unit (RELMA) in East Africa

MEMBERSHIP OF BOARDS AND COMMITTEES, SCIENTIFIC POLICY ADVICE (selection)

Policy and Business Advice

- Chair, Earth League
- Co-Chair, The World in 2050
- Advisor, World Economic Forum (WEF)
- Member Leadership Council, United Nations Sustainable Development Solutions Network (SDSN)
- Board Member, Global Challenges Foundation
- Board Member, KR Foundation
- Expert Panel Member, Global Commons Initiative
- Trustee, Cool Earth
- Member, Royal Swedish Academy of Sciences

Scientific functions and editorships

- Chair, EAT Initiative on Health, Food and Sustainability
- Chief Scientist, Conservation International
- Chair of the Steering Committee, CGIAR's Research Program on Water, Land, and Ecosystems
- Co-chair, Future Earth
- Member, International Panel of Experts on Sustainable Food Systems
- Chair, Advisory Board at Stockholm Resilience Centre
- Editor-in-Chief, Global Sustainability Journal
- Editorship, Ecology and Society
- Member of the Reference Committee, Food and Land Use Coalition
- Chair, Arctic Resilience Report of the Arctic Council

TOP 20 PUBLIKATIONEN

ISI Publications

Rockström, J., W. Steffen, K. Noone, A. Persson, F. S. Chapin, E. F. Lambin, T. M. Lenton, M. Scheffer, C. Folke, H. J. Schellnhuber, B. Nykvist, C. A. de Wit, T. Hughes, S. van der Leeuw, H. Rodhe, S. Sorlin, P. K. Snyder, R. Costanza, U. Svedin, M. Falkenmark, L. Karlberg, R. W. Corell, V. J. Fabry, J. Hansen, B. Walker, D. Liverman, K. Richardson, P. Crutzen and J. A. Foley. 2009. A safe operating space for humanity, *Nature* 461 (7263), pp. 472-475.

Foley, J. A., N. Ramankutty, K. A. Brauman, E. S. Cassidy, J. S. Gerber, M. Johnston, N. D. Mueller, C. O'Connell, D. K. Ray, P. C. West, C. Balzer, E. M. Bennett, S. R. Carpenter, J. Hill, C. Monfreda, S. Polasky, J. Rockstrom, J. Sheehan, S. Siebert, D. Tilman and D. P. M. Zaks. 2011. Solutions for a cultivated planet, *Nature* 478 (7369), pp. 337-342.

Rockstrom, J., W. Steffen, K. Noone, A. Persson, F. S. Chapin, E. Lambin, T. M. Lenton, M. Scheffer, C. Folke, H. J. Schellnhuber, B. Nykvist, C. A. de Wit, T. Hughes, S. van der Leeuw, H. Rodhe, S. Sorlin, P. K. Snyder, R. Costanza, U. Svedin, M. Falkenmark, L. Karlberg, R. W. Corell, V. J. Fabry, J. Hansen, B. Walker, D. Liverman, K. Richardson, P. Crutzen and J. A. Foley. 2009. Planetary Boundaries: Exploring the Safe Operating Space for Humanity, *Ecology and Society* 14 (2).

Steffen, W., K. Richardson, J. Rockström, S.E. Cornell, I. Fetzer, E.M. Bennett, R. Biggs, S.R. Carpenter, W. De Vries, C.A. De Wit, C. Folke, D. Gerten, J. Heinke, G.M. Mace, L.M. Persson, V. Ramanathan, B. Meyers, S. Sörlin. 2015. Planetary boundaries: Guiding human development on a changing planet. *Science* 347(6223), p. 1259855.

Adger, W. N., T. P. Hughes, C. Folke, S. R. Carpenter and J. Rockstrom. 2005. Social-ecological resilience to coastal disasters, *Science* 309 (5373), pp. 1036-1039.

Folke, C., S. R. Carpenter, B. Walker, M. Scheffer, T. Chapin and J. Rockstrom. 2010. Resilience Thinking: Integrating Resilience, Adaptability and Transformability, *Ecology and Society* 15 (4).

Griggs, D., Stafford-Smith, M., Gaffney, O., Rockström, J., Öhman, M.C., Shyamsundar, P., Steffen, W., Glaser, G., Kanie, N., Noble, I. 2013. Policy: Sustainable development for people and planet. *Nature* 495 (7441), pp. 305-307.

Steffen, W., A. Persson, L. Deutsch, J. Zalasiewicz, M. Williams, K. Richardson, C. Crumley, P. Crutzen, C. Folke, L. Gordon, M. Molina, V. Ramanathan, J. Rockstrom, M. Scheffer, H. J. Schellnhuber and U. Svedin. 2011. The Anthropocene: From Global Change to Planetary Stewardship, *Ambio* 40 (7), pp. 739-761.

Miller, F., H. Osbahr, E. Boyd, F. Thomalla, S. Bharwani, G. Ziervogel, B. Walker, J. Birkmann, S. van der Leeuw, J. Rockstrom, J. Hinkel, T. Downing, C. Folke and D. Nelson. 2010. Resilience and Vulnerability: Complementary or Conflicting Concepts?, *Ecology and Society* 15 (3).

Falkenmark, M. and J. Rockstrom. 2006. The new blue and green water paradigm: Breaking new ground for water resources planning and management, *Journal of Water Resources Planning and Management* 132(3), pp. 129-132.

Thomalla, F., T. Downing, E. Spanger-Siegfried, G. Y. Han and J. Rockstrom. 2006. Reducing hazard vulnerability: towards a common approach between disaster risk reduction and climate adaptation, *Disasters* 30 (1), pp. 39-48.

Rockström, J., M. Falkenmark, L. Karlberg, H. Hoff, S. Rost and D. Gerten. 2009. Future water availability for global food production: The potential of green water for increasing resilience to global change, *Water Resources Research* 45(7), W00A12.

Landrigan, P.J., Fuller, R., Acosta, N.J.R., Adeyi, O., Arnold, R., Basu, N.N., Baldé, A.B., Bertollini, R., Bose-O'Reilly, S., Boufford, J., Breysse, P.N., Chiles, T., Mahidol, C., Coll-Seck, A.M., Cropper, M.L.,

Fobil, J., Fuster, V., Greenstone, M., Haines, A., Hanrahan, D., Hunter, D., Khare, M., Krupnick, A., Lanphear, B., Lohani, B., Martin, K., Mathiasen, K.V., McTeer, M.A., Murray, C.J.L., Ndahimananjara, J.D., Perera, F., Potočník, J., Preker, A.S., Ramesh, J., Rockström, J., Salinas, C., Samson, L.D., Sandilya, K., Sly, P.D., Smith, K.R., Steiner, A., Stewart, R.B., Suk, W.A., van Schayck, O.C.P., Yadama, G.N., Yumkella, K., Zhong, M. 2018. The Lancet Commission on pollution and health, *Lancet* 391 (10119), pp. 462-512.

Rockström, J., L. Karlberg, S. P. Wani, J. Barron, N. Hatibu, T. Oweis, A. Bruggeman, J. Farahani and Z. Qiang. 2010. Managing water in rainfed agriculture. The need for a paradigm shift, *Agricultural Water Management* 97 (4), pp. 543-550.

Reid, W. V., D. Chen, L. Goldfarb, H. Hackmann, Y. T. Lee, K. Mokhele, E. Ostrom, K. Raivio, J. Rockstrom, H. J. Schellnhuber and A. Whyte. 2010. Earth System Science for Global Sustainability: Grand Challenges, *Science* 330 (6006), pp. 916-917.

Folke, C., A. Jansson, J. Rockstrom, P. Olsson, S. R. Carpenter, F. S. Chapin, G. Daily, K. Danell, J. Ebbesson, T. Elmqvist, V. Galaz, F. Moberg, M. Nilsson, H. Osterblom, E. Ostrom, A. Persson, G. Peterson, S. Polasky, W. Steffen, B. Walker and F. Westley. 2011. Reconnecting to the Biosphere, *Ambio* 40 (7), pp. 719-738.

Rockstrom, J., M. Lannerstad, and M. Falkenmark. 2007. Assessing the water challenge of a new green revolution in developing countries, *Proceedings of the National Academy of Sciences of the United States of America* 104 (15), pp. 6253-6260.

Hansen, J., P. Kharecha, M. Sato, V. Masson-Delmotte, F. Ackerman, D. J. Beerling, P. J. Hearty, O. Hoegh-Guldberg, S. L. Hsu, C. Parmesan, J. Rockstrom, E. J. Rohling, J. Sachs, P. Smith, K. Steffen, L. Van Susteren, K. von Schuckmann and J. C. Zachos. 2013. Assessing "Dangerous Climate Change": Required Reduction of Carbon Emissions to Protect Young People, Future Generations and Nature, *PLoS ONE* 8(12), e81648.

Guerry, A.D., S. Polasky, J. Lubchenco, R. Chaplin-Kramer, G.C. Daily, R. Griffin, M. Ruckelshaus, I.J. Bateman, A. Duraiappah, T. Elmqvist, M.W. Feldman, C. Folke, J. Hoekstra, P.M. Kareiva, B.L. Keeler, S. Li, E. McKenzie, Z. Ouyang, B. Reyers, T.H. Ricketts, J. Rockström, H. Tallis, B. Vira. 2015. Natural capital and ecosystem services informing decisions: From promise to practice. *Proceedings of the National Academy of Sciences of the United States of America* 112(24), pp. 7348-73550.

Rockström, J., Gaffney, O., Rogelj, J. et. al. 2017. A roadmap for rapid decarbonization. *Science* 355(6331), pp. 1269-1271.

Books

Rockström, J., Bighnet, V., Landquist, M. Stordalen, G. 2019. *Eat Good – Das Kochbuch, das die Welt verändert*. Gerstenberg Verlag, Hildesheim.

MAIN RESEARCH INTERESTS

- Global Sustainability
- Sustainable Development
- Planetary Boundaries Belastungsgrenzen
- Public engagement
- Water resources and management
- Ressource management
- Policy
- Resilience

AWARDS, FELLOWSHIPS

- Laureate, Hillary Institute of International leadership (2017)
- French distinction Knight of the Legion of Honour (2016)
- Environmental Award (Deutsche Umweltpreis) (2015)
- International Cosmos Prize (2015)
- Zoological Society of London Award for Conservation Innovation (2015)
- Humanitas Professor of Sustainability Science at Cambridge University (2014)
- The Woods Hole Research Center's Lawrence Huntington Environmental Prize (2014)
- Marsh Award for Climate Change Research, British Ecological Society (2013)
- Agronomist of the Year, Swedish Association of Professional Scientists (2013)
- Sweden's Most Influential Person on the Environment, MiljöAktuellt (2012, 2013)
- FOKUS magazine Swede of the Year (2009)

PUBLICATIONS

2019

ISI Publications

Willett, W., Rockström, J., Loken, B., Springmann, M., et.al. 2019. Food in the Anthropocene: the EAT–Lancet Commission on healthy diets from sustainable food systems. *The Lancet* 393 (10170), pp. 447-492.

Sterner, T., Barbier, E. B., Bateman, I., van den Bijgaart, I., Crépin, A.-S., Edenhofer, O., Fischer, C., Habla, W., Hassler, J., Johansson-Stenman, O., Lange, A., Polasky, S., Rockström, J., Smith, H.G., Steffen, W., Wagner, G., Wilen, J.E., Alpizar, F., Azar, C., Carless, D., Chávez, C., Coria, J., Engström, G., Jagers, S.C., Köhlin, G., Löfgren, Å., Pleijel, H., Robinson, A. 2019. Policy design for the Anthropocene. *Nature Sustainability* 2 (1), pp. 14-21.

Non-ISI Publications

Falkenmark, M., Wang-Erlandsson, L., Rockström, J. 2019. Understanding of Water Resilience in the Anthropocene, *J. Hydrol. X* 2, 100009.

Rockström, J., Bighnet, V., Landquist, M. Stordalen, G. 2019. *Eat Good – Das Kochbuch, das die Welt verändert*. Gertsenberg Verlag, Hildesheim.

2018

ISI Publications

Springmann, M., Clark, M., Mason-D’Croz, D., Wiebe, K., Bodirsky, B.L., Lassaletta, L., de Vries, W., Vermeulen, S.J., Herrero, M., Carlson, K.M., Jonell, M., Troell, M., DeClerck, F., Gordon, L.J., Zurayk, R., Scarborough, P., Rayner, M., Loken, B., Fanzo, J., Godfray, H.C.J., Tilman, D., Rockström, J., Willett, W. 2018. Options for keeping the food system within environmental limits. *Nature* 562 (7728), pp. 519-525.

Stoknes, P.E., Rockström, J. 2018. Redefining green growth within planetary boundaries. *Energy Research and Social Science* 44, pp. 41-49.

Steffen, W., J. Rockstrom, K. Richardson, T. M. Lenton, C. Folke, D. Liverman, C. P. Summerhayes, A. D. Barnosky, S. E. Cornell, M. Crucifix, J. F. Donges, I. Fetzer, S. J. Lade, M. Scheffer, R. Winkelmann, H. J. Schellnhuber. 2018. Trajectories of the Earth System in the Athropocene. *Proceedings of the National Academy of Sciences of the United States of America* 115(33), pp. 8252-8259.

Pretty, J., Benton, T.G., Bharucha, Z.P., Dicks, L.V., Flora, C.B., Godfray, H.C.J., Goulson, D., Hartley, S., Lampkin, N., Morris, C., Pierzynski, G.k., Prasad, P.V.V., Reganold, J., Rockström, J., Smith, P., Thorne, P., Wratten, S. 2018. Global Assessment of Agricultural System Redesign for Sustainable Intensification. *Nature Sustainability* 1(8), pp. 441-446.

Caron, P., Ferrero y de Loma-Osorio, G., Nabarro, D., Hainzelin, E., Guillou, M., Andersen, I., Arnold, T., Astralaga, M., Beukeboom, M., Bickersteth, S., Bwalya, M., Caballero, P., Campbell, B.M., Divine, N., Fan, S., Frick, M., Friis, A., Gallagher, M., Halkin, J.-P., Hanson, C., Lasbennes, F., Ribera, T.,

Rockstrom, J., Schuepbach, M., Steer, A., Tutwiler, A., Verburg, G. 2018. Food systems for sustainable development: proposals for a profound four-part transformation. *Agronomy for Sustainable Development* 38(4), p. 41.

Lade, S.J., Donges, J.F., Fetzer, I., Anderies, J.M., Beer, C., Cornell, S.E., Gasser, T., Norberg, J., Richardson, K., Rockström, J., Steffen, W. 2018. Analytically tractable climate-carbon cycle feedbacks under 21st century anthropogenic forcing, *Earth System Dynamics* 9(2), pp. 507-523.

Rockstrom, J., K. Richardson, W. Steffen, G. Mace. 2018. Planetary Boundaries: Separating Fact from Fiction. A Response to Montoya et al., *Trends in Ecology & Evolution* 33 (4), pp. 232-233.

Landrigan, P.J., Fuller, R., Acosta, N.J.R., Adeyi, O., Arnold, R., Basu, N.N., Baldé, A.B., Bertollini, R., Bose-O'Reilly, S., Boufford, J., Breysse, P.N., Chiles, T., Mahidol, C., Coll-Seck, A.M., Cropper, M.L., Fobil, J., Fuster, V., Greenstone, M., Haines, A., Hanrahan, D., Hunter, D., Khare, M., Krupnick, A., Lanphear, B., Lohani, B., Martin, K., Mathiasen, K.V., McTeer, M.A., Murray, C.J.L., Ndahimananjara, J.D., Perera, F., Potočnik, J., Preker, A.S., Ramesh, J., Rockström, J., Salinas, C., Samson, L.D., Sandilya, K., Sly, P.D., Smith, K.R., Steiner, A., Stewart, R.B., Suk, W.A., van Schayck, O.C.P., Yadama, G.N., Yumkella, K., Zhong, M. 2018. The Lancet Commission on pollution and health, *Lancet* 391 (10119), pp. 462-512.

Vanham, D., Hoekstra, A.Y., Wada, Y., Bouraoui, F., de Roo, A., Mekonnen, M.M., van de Bund, W.J., Batelaan, O., Pavelic, P., Bastiaanssen, W.G.M., Kummu, M., Rockström, J., Liu, J., Bisselink, B., Ronco, P., Pistocchi, A., Bidoglio, G. 2018. Physical water scarcity metrics for monitoring progress towards SDG target 6.4: an evaluation of indicator 6.4.2 "Level of water stress", *Science of the Total Environment* 613-614, pp. 218-232.

Adger, W.N., Hughes, T.P., Folke, C., Carpenter, S.R., Rockström, J. 2018. Social-ecological resilience to coastal disasters. In: *Planning for Climate Change: A Reader in Green Infrastructure and Sustainable Design for Resilient Cities*, pp. 151-159.

Non-ISI Publications

Rockström, Johan. (2018). Managing the global commons. *Our Planet*. 2017, pp. 26-27.

Rockström, Johan, Bai, Xuemei, deVries, Bert. 2018. Global sustainability: the challenge ahead. *Global Sustainability*.

2017

ISI Publications

Gordon, L.J., Bignet, V., Crona, B., Henriksson, P.J.G., Van Holt, T., Jonell, M., Lindahl, T., Troell, M., Barthel, S., Deutsch, L., Folke, C., Haider, L.J., Rockström, J., Queiroz, C. 2017. Rewiring food systems to enhance human health and biosphere stewardship. *Environ. Res. Lett.* 12, 100201

Österblom, H., Jouffray, J.-B., Folke, C., Rockström, J. 2017. Emergence of a global science-business initiative for ocean stewardship. *Proceedings of the National Academy of Sciences of the United States of America* 114(34), pp. 9038-9043.

Donges, J., Winkelmann, R., Cornell, S. E., Lucht, W., Dyke, J. G., Rockström, J., Heitzig, J., Schellnhuber, H.-J. 2017. Closing the loop: Reconnecting human dynamics to Earth system science. *Anthropocene Review* 4 (2), pp. 151-157.

Figueres, C., H.J. Schellnhuber, G. Whiteman, J. Rockström, A. Hobley, S. Rahmstorf. 2017. Three years to safeguard our climate. *Nature* 546 (7660), pp. 593-595.

Rockström, J., Gaffney, O., Rogelj, J. et. al. 2017. A roadmap for rapid decarbonization. *Science* 355(6331), pp. 1269-1271.

Rockström, J., J. Williams, G. Daily, A. Noble, N. Matthews, L. Gordon, H. Wetterstrand, F. DeClerck, M. Shah, P. Steduto, C. de Fraiture, N. Hatibu, O. Unver, J. Bird, L. Sibanda, J. Smith. 2017. Sustainable intensification of agriculture for human prosperity and global sustainability. *Ambio* 46(1), pp. 4-17.

Clift, R., S. Sim, H. King, J.L. Chenoweth, I. Christie, J. Clavreul, C. Mueller, L. Posthuma, A.-M. Boulay, R. Chaplin-Kramer, J. Chatterton, F. DeClerck, A. Druckman, C. France, A. Franco, D. Gerten, M. Goedkoop, M.Z. Hauschild, M.A.J. Huijbregts, T. Koellner, E.F. Lambin, J. Lee, S. Mair, S. Marshall, M.S. McLachlan, L.M.I. Canals, C. Mitchell, E. Price, J. Rockström, J. Suckling, R. Murphy. 2017. The challenges of applying planetary boundaries as a basis for strategic decision-making in companies with global supply chains. *Sustainability* 9(2), p. 279.

Clift, R., Sim, S., King, H., Chenoweth, J.L., Christie, I., Clavreul, J., Mueller, C., Posthuma, L., Boulay, A.-M., Chaplin-Kramer, R., Chatterton, J., DeClerck, F., Druckman, A., France, C., Franco, A., Gerten, D., Goedkoop, M., Hauschild, M.Z., Huijbregts, M.A.J., Koellner, T., Lambin, E.F., Lee, J., Mair, S., Marshall, S., McLachlan, M.S., Milà i Canals, L., Mitchell, C., Price, E., Rockström, J., Suckling, J., Murphy, R. 2017. The challenges of applying planetary boundaries as a basis for strategic decision-making in companies with global supply chains. *Sustainability (Switzerland)* 9 (2), article number 279.

Non-ISI Publications

Richardson, K., J. Rockström and W. Steffen. 2017. From local change comes a global tipping point, *New Scientist* 236 (3156), 52.

Rockström, J., J. Williams, G. Daily, A. Noble, N. Matthews, L. Gordon, H. Wetterstrand, F. DeClerck, M. Shah, P. Steduto, C. de Fraiture, N. Hatibu, O. Unver, J. Bird, L. Sibanda and J. Smith. 2017. Sustainable intensification of agriculture for human prosperity and global sustainability, *Ambio* 46 (1), 4-17.

2016

ISI Publications

Dile, Y.T., Karlberg, L., Srinivasan, R., Rockström, J. 2016. Investigation of the curve number method for surface runoff estimation in tropical regions. *Journal of the American Water Resources Association* 52(5), pp. 1155-1169.

Rockström, J., Schellnhuber, H.J., Hoskins, B., Ramanathan, V., Schlosser, P., Brasseur, G.P., Gaffney, O., Nobre, C., Meinshausen, M., Rogerlj, J. and Lucht, W. 2016. The world's biggest gamble. *Earth's Future* 4(10), pp. 465–470.

Scharin, H., S. Ericsson, M. Elliott, R.K. Turner, S. Niiranen, T. Blenckner, K. Hyytiäinen, L. Ahlvik, H. Ahtiainen, J. Artell, L. Hasselström, T. Söderqvist, J. Rockström. 2016. Processes for the sustainable stewardship of marine environments. *Ecological Economics* 128: pp. 55 – 67.

Rockström, J., Stordalen, G.A., Horton, R. 2016. Acting in the Anthropocene: the EAT–Lancet Commission. *The Lancet* 387(10036), pp. 2364-2365.

Wani, S.P., Rockstrom, J., Venkateswarlu, B., Singh, A.K. 2016. New paradigm to unlock the potential of rainfed agriculture in the semiarid tropics. In: *World Soil Resources and Food Security*, pp. 419-469.

Jagermeyr, J., D. Gerten, S. Schaphoff, J. Heinke, W. Lucht and J. Rockstrom. 2016. Integrated crop water management might sustainably halve the global food gap. *Environmental Research Letters* 11(2), 025002.

Rockstrom, J. 2016. *Future Earth*. *Science* 351 (6271): 319.

Dile, Y.T., L. Karlberg, P. Daggupati, R. Srinivasan, D. Wiberg, J. Rockström. Assessing the implications of water harvesting intensification on upstream-downstream ecosystem services: A case study in the Lake Tana basin. *Science of the Total Environment* 542, pp. 22-35.

Dile, Y.T., Rockström, J., Karlberg, L., 2016. Suitability of Water Harvesting in the Upper Blue Nile Basin, Ethiopia: A First Step towards a Mesoscale Hydrological Modeling Framework. *Advances in Meteorology* 2016, 5935430.

Folke, C., R. Biggs, A. V. Norström, B. Reyers, and J. Rockström. 2016. Social-ecological resilience and biosphere-based sustainability science. *Ecology and Society* 21(3):41.

Sutherland, W.J., S. Broad, J. Caine, M. Clout, L.V. Dicks, H. Doran, A.C. Entwistle, E. Fleishman, D.W. Gibbons, B. Keim, B. LeAnstey, F.A. Lickorish, P. Markillie, K.A. Monk, D. Mortimer, N. Ockendon, J.W. Pearce-Higgins, L.S. Peck, J. Pretty, J. Rockström, M.D. Spalding, F.H. Tonneijck, B.C. Wintle, K.E. Wright. 2016. A horizon scan of global conservation issues for 2016. *Trends in Ecology and Evolution* 31, pp. 44 – 53.

2015

ISI Publications

Rockström, J. 2015. A 'perfect' agreement in Paris is not essential. *Nature* 527 (7579), 411.

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