

PROF. DR. JOHAN ROCKSTRÖM



Current

Director at the Potsdam Institute for Climate Impact Research (PIK) PIK's research has been rated "excellent" during the last Leibniz evaluation	since 2018
Professor in Earth System Science , Potsdam University	since 2018
Professor in Water Systems and Global Sustainability , Stockholm University	since 2018
Chief Scientist , Conservation International	since 2018

Education

PhD, Natural Resources Management , Stockholm University	1997
Licenciate of Philosophy (Ph Lic) , Stockholm University	1995
Diplôme d'Agronomie Approfondie , Grande École Institut National Agronomique, Paris-Grignon	1993
Master of Science , University of Agricultural Sciences, Uppsala, Sweden	1992

Career

Founding and Executive Director , Stockholm Resilience Centre (SRC), Stockholm University, Sweden	2007 - 2018
Executive Director , Stockholm Environment Institute (SEI), Sweden	2004 - 2012
Senior lecturer and regional research coordinator (WaterNet, Southern Africa) Unesco-IHE, Delft, Netherlands	2000 - 2004
Regional Advisor, Land and water management for SIDA's Regional Land Management Unit (RELMA), East Africa	1998 - 2000

Membership of boards and committees, scientific policy advice

- **Earth League**, Chair
- **EAT Advisory Board**, Chair,
- **Earth Commission**, Co-Chair
- **United Nations Sustainable Development Solutions Network (SDSN)**, Member Leadership Council
- **UNEP State of the Environment Report**, Scientific Advisory Board
- **Global Challenges Foundation**, Board Member
- **TIME CO2**, Advisory Board Member
- **Daimler**, Advisory Board
- **Scania**, Advisory Board
- **Global Commons Initiative**, Expert Panel Member
- **German National Academy of Sciences Leopoldina**, Member
- **Royal Swedish Academy of Sciences**, Member
- **EAT Initiative on Health, Food and Sustainability**, Chair
- **Future Earth**, Co-Chair
- **International Panel of Experts on Sustainable Food Systems (IPES)**, Member of the Global Report Reference Committee
- **Global Resilience Partnership**, Advisory Council
- **Curt Bergfors Foundation (Food Planet Prize)**, Jury Chairmen

Research funding highlights

- **Principal Investigator, ERC Advanced Grant, 'Earth Resilience in the Anthropocene'**, European Research Council (ERC) 2017 - 2024

Awards and fellowships

- **Chemical Engineering Medal**, ETH Zurich 2024
- **Tyler Prize** for Environmental Achievement 2024
- **TIME100**, most influential people in the world 2023
- **Inductee The Earth Hall of Fame** Kyoto 2022
- **Prince Albert II of Monaco Foundation Award**, Laureate 2020

- **Honorary Doctorate**, Ghent University and Amsterdam University 2019
- **Hillary Institute of International leadership**, Laureate 2017
- **Knight of the Legion of Honour**, French order of merit 2016
- **Environmental Award** (Deutscher Umweltpreis) 2015
- **International Cosmos Prize** 2015
- **Award for Conservation Innovation**, Zoological Society of London 2015
- **Humanitas Professor of Sustainability Science** at Cambridge University 2014
- **Lawrence Huntington Environmental Prize**, The Woods Hole Research Center 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
- **Swede of the Year**, FOKUS magazine 2009

Selected publications

- Richardson, Katherine, Will Steffen, Wolfgang Lucht, Jørgen Bendtsen, Sarah E. Cornell, Jonathan F. Donges, Markus Drüke, et al. 2023. '**Earth beyond Six of Nine Planetary Boundaries**'. *Science Advances* 9 (37): eadh2458. <https://doi.org/10.1126/sciadv.adh2458>. Over 900 citations
- Steffen, Will, Johan Rockström, Katherine Richardson, Timothy M. Lenton, Carl Folke, Diana Liverman, Colin P. Summerhayes, et al. 2018. '**Trajectories of the Earth System in the Anthropocene**'. *Proceedings of the National Academy of Sciences of the United States of America* 115 (33): 8252–59. <https://doi.org/10.1073/pnas.1810141115>. Over 1800 citations
- Rockström, Johan, Owen Gaffney, Joeri Rogelj, Malte Meinshausen, Nebojsa Nakicenovic, and Hans Joachim Schellnhuber. 2017. '**A Roadmap for Rapid Decarbonization**'. *Science* 355 (6331): 1269–71. <https://doi.org/10.1126/science.aah3443>. Over 800 citations
- Steffen, Will, Katherine Richardson, Johan Rockström, Sarah E. Cornell, Ingo Fetzer, Elena M. Bennett, Reinette Biggs, et al. 2015. '**Planetary Boundaries: Guiding Human Development on a Changing Planet**'. *Science* 347 (6223): 1259855. <https://doi.org/10.1126/science.1259855>. Over 7000 citations
- Rockström, Johan, Will Steffen, Kevin Noone, Åsa Persson, F. Stuart Chapin, Eric F. Lambin, Timothy M. Lenton, et al. 2009. '**A Safe Operating Space for Humanity**'. *Nature* 461 (7263): 472–75. <https://doi.org/10.1038/461472a>. Over 9000 citations