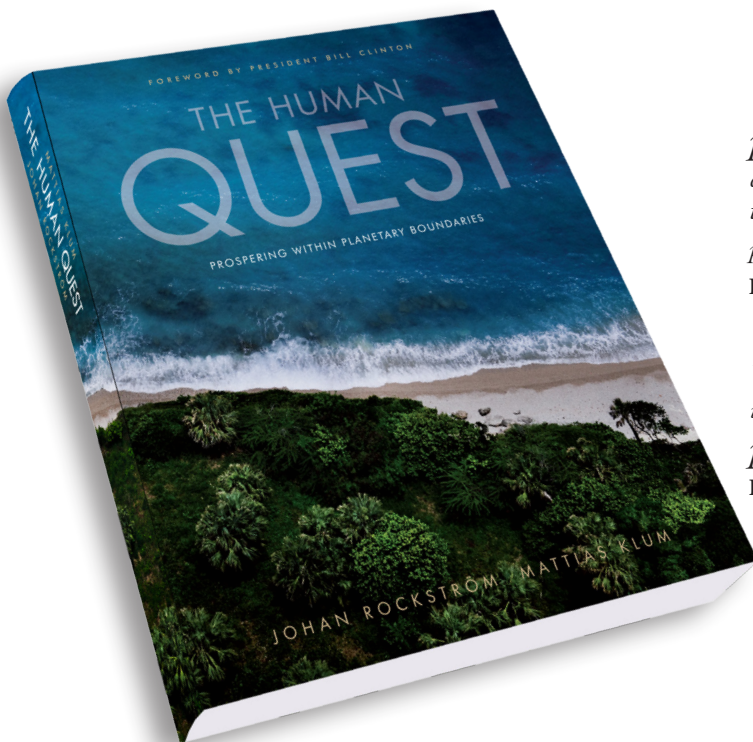


A BOOK BY JOHAN ROCKSTRÖM, ONE OF THE WORLD'S LEADING SCIENTISTS, AND  
MATTIAS KLUM, AWARD WINNING NATIONAL GEOGRAPHIC PHOTOGRAPHER.

# THE HUMAN QUEST

PROSPERING WITHIN PLANETARY BOUNDARIES

FOREWORD BY PRESIDENT BILL CLINTON



*"The Human Quest showcases world-class photography to remind us just what is at stake. The authors demonstrate that with collective action, humankind can still bend the curves of negative environmental change toward a resilient and prosperous future—but there's no time left to waste."*

**President Bill Clinton**

*"This is such a profound insight it requires from us all a deep mind shift in our relationship with planet Earth. The Human Quest provides the most convincing story so far."*

**Professor Paul J. Crutzen, Nobel Laureate in Chemistry**

*Finally a book that for the first time presents the state of the Earth as the truly complex issue it really is. Through groundbreaking new science, The Human Quest recognizes what is at stake. The content comes to life through beautiful and dramatic pictures and is thereby the first of its kind to merge science and photography. It serves as an inspiration and guide for action as humankind faces a turning point in our history and the state of the Earth.*

Over the past 50 years, our unsustainable ways of living have begun to put massive pressure on the planetary processes that support our well-being and economic development. *The Human Quest* tells how. Integrating the latest scientific insights with the power of images and real world experience, Johan Rockström and Mattias

Klum combine evidence from the many scientific disciplines that study how planet Earth operates and the relations between ourselves and the Earth system. They not only diagnose the problems, but also look at the opportunities and evidence supporting that transitions to a sustainable future are possible.

THE HUMAN QUEST IS ALSO AVAILABLE AS AN ENHANCED E-BOOK WITH VIDEO FEATURES  
FROM IBOOKSTORE AND OTHER E-RETAILERS

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PROSPERING WITHIN PLANETARY BOUNDARIES

The book illustrates the fragility and the beauty of our planet, while it lays out the challenges we now face as a human race, providing a framework for navigating these turbulent times. Unlike any other book of its kind, *The Human Quest* builds this framework from the unique perspective of nine planetary boundaries interactively combined, defined as: climate change, ocean acidification, stratospheric ozone, biogeochemical, global freshwater use, land system change, biodiversity

loss, chemical pollution, and aerosol loading. Exceeding these nine planetary boundaries are propelling the human race towards catastrophic risks. The book highlights that action needs to be taken now, in what may be the worst decisive decade in human history. With a fundamental shift in mindset, humanity can succeed in a transition to global sustainability. *The Human Quest* can help turn the page to that new paradigm.

## THE AUTHORS



### MATTIAS KLUM

Mattias Klum has worked full-time as a freelance photographer since 1986. In an artistic way that is entirely his own, he has described and portrayed animals, plants, and natural and cultural settings in the form of articles, books, films and exhibitions. Since 1997, he has published numerous articles and cover images for National Geographic magazine, and his work has appeared in many world leading international publications. Mattias is a Young Global Leader of the World Economic Forum, a member of the Board of Trustees at WWF Sweden, an IUCN Goodwill Ambassador, a Senior Fellow at Stockholm Resilience Centre, and a Fellow at National Geographic Society and the Linnean Society of London. Mattias has published 10 books to date.



### JOHAN ROCKSTRÖM

Johan Rockström is the Executive Director of the Stockholm Resilience Centre, a Professor in Natural Resource Management and a senior scientist at Stockholm University. An internationally recognized scientist on global sustainability issues, he led the recent scientific development of the new *Planetary Boundaries framework* – a groundbreaking way to look at the sustainability issues at hand and at the heart of *The Human Quest*. He is a leading scientist on global water resources, and strategies to build resilience in water scarce regions of the world. He serves on several scientific committees and boards, e.g., as the vice-chair of the science advisory board of the Potsdam Institute for Climate Impact research (PIK), and he chairs the visioning process on global environmental change of the International Council for Science (ICSU). Johan has published several books and articles.

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