



KTH Division of History of Science, Technology and Environment

Including:

KTH Environmental Humanities Laboratory





• Ett annat liv

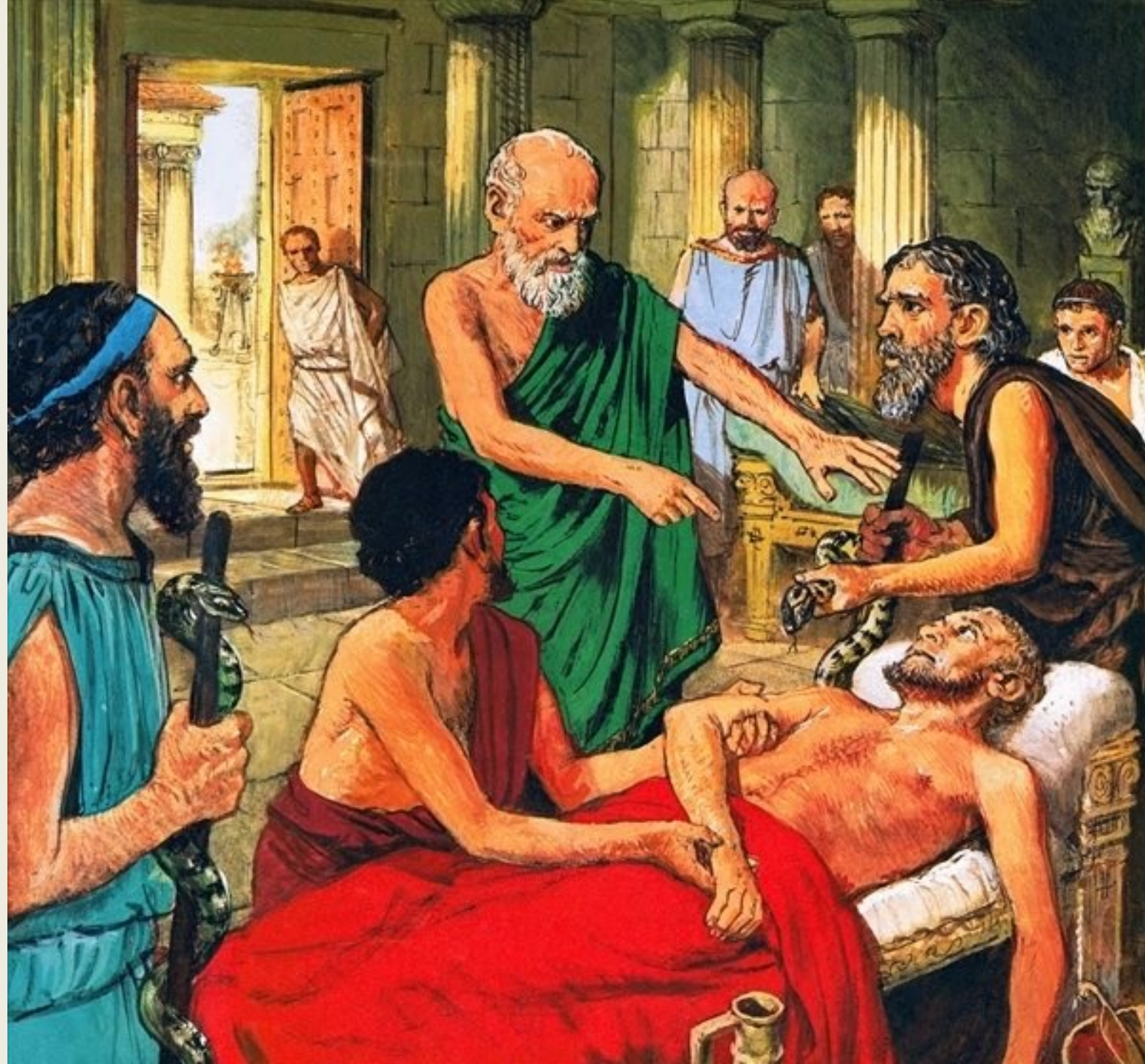
KRIS!

A photograph of a city street at sunset or sunrise. The sky is a bright, warm orange. In the foreground, a cyclist is silhouetted against the sky, riding away from the viewer. The street is dark with white lane markings. Tall buildings line the street, their windows reflecting the light. The overall mood is dramatic and contemplative.

Från Estonia till Corona

Sverker Sörlin

Atlas

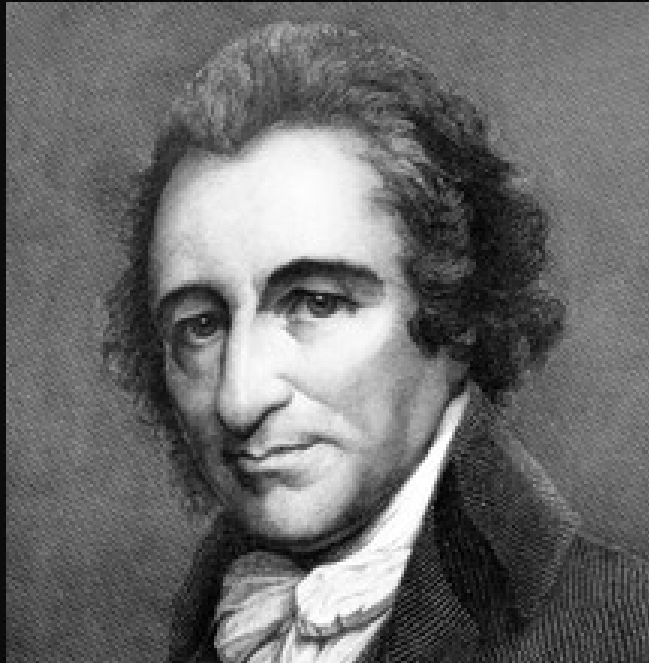


A close-up, high-contrast portrait of Immanuel Kant, showing his face from the nose up. He has white hair and is looking slightly to the right. The lighting is dramatic, highlighting the texture of his skin and the contours of his face against a dark background.

Immanuel Kant

”...ett moraliskt anspråk
på en skillnad...”

Thomas Paine



The nearer any disease approaches to a crisis, the nearer it is to a cure. Danger and deliverance make their advances together; and it is only in the last push that one or the other takes the lead.



NYA
VILLKOR
FÖR EKONOMI
OCH POLITIK

Inte en kris...

- Pandemikris
- Klimatkrise
- Miljökrise
- Demokratisk kris
- Samhällskris – sammanhållning, identitet
- Framtidskris – den bärande berättelsen saknas...
- ... men håller kanske på att formas...?

Inte en kris... -- Rahm Emanuel

- “You have three crises compounding each other: a 100-year pandemic, a 75-year depression and 50-year civil unrest,” said Rahm Emanuel, President Barack Obama’s first chief of staff and later Chicago’s mayor. This, he believes, opens political space for bold action.

SKOLSTREJK
FÖR
KLIMATET





borgarkontor



Stockholms Fonder
Ej

Sista ansö

العناية بنظافة اليدين

لنعتد الجوري من المنساقين اركاسة اليرين باجوري

العمل بظافة يديك
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World Bank, IMF

- **What early evidence shows: COVID-19 is affecting the poorest the most, increasing inequality**
- Short-term projections by the [World Bank](#) and the [International Monetary Fund](#) suggest that extreme poverty worldwide and income inequality for low-income and emerging economies are likely to increase in 2020.

[Ruth Hill](#)

[Ambar Narayan](#)

World Bank policy brief, January 07, 2021

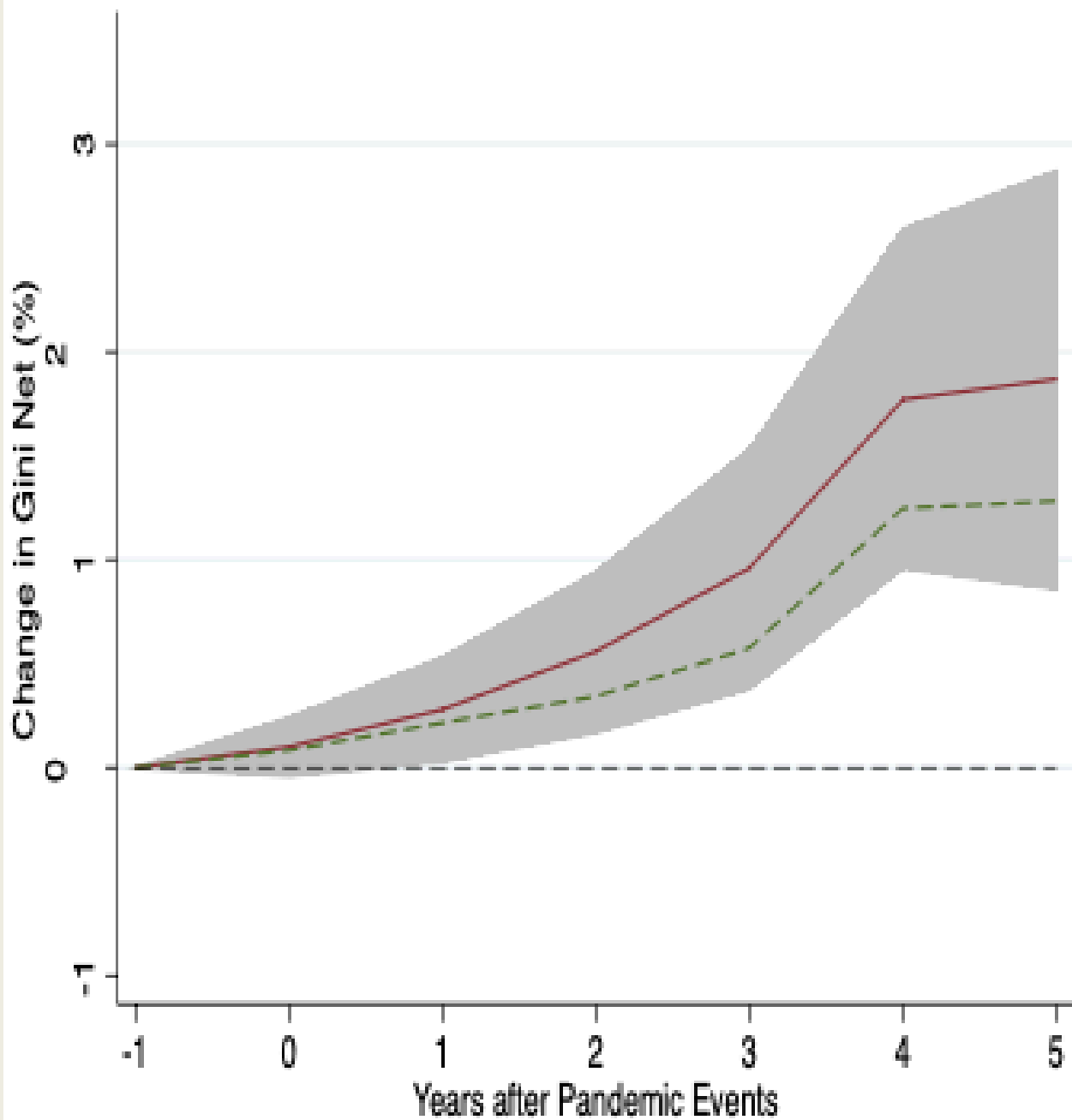
Brookings Institution

Heather Long, Andrew Van Dam, Alyssa Fowers and Leslie Shapiro,
“The covid-19 recession is the most unequal in modern U.S. history,”
The Washington Post, September 30, 2020

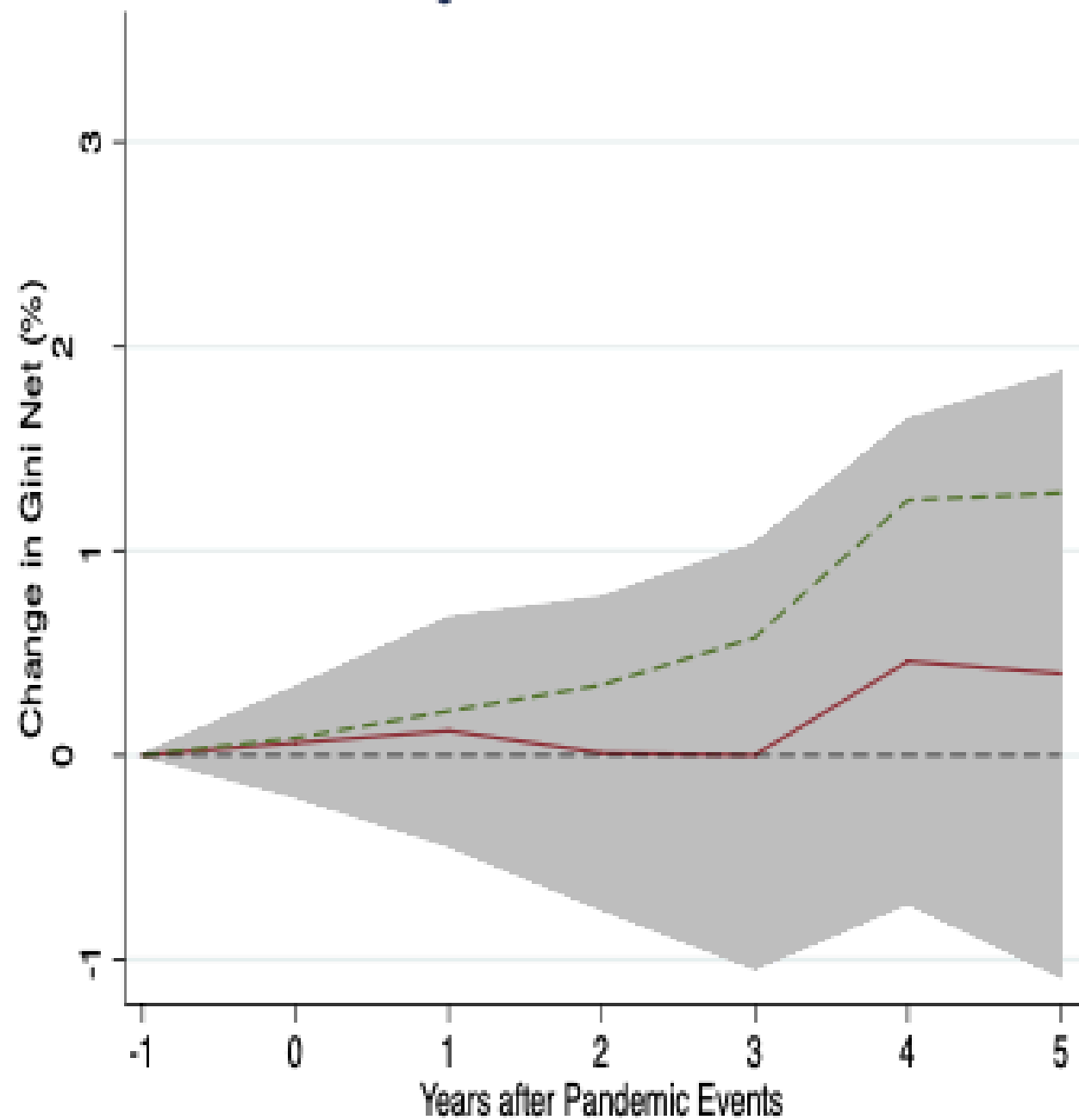
Dani Rodrik, “Democratizing Innovation” (August 2020)

“Reform of patent regimes and more effective use of public investment and tax policies on research and development can help ‘democratize’ the innovation system **so that it serves broader economic and social goals rather than narrow interests of a small group of investors.**”

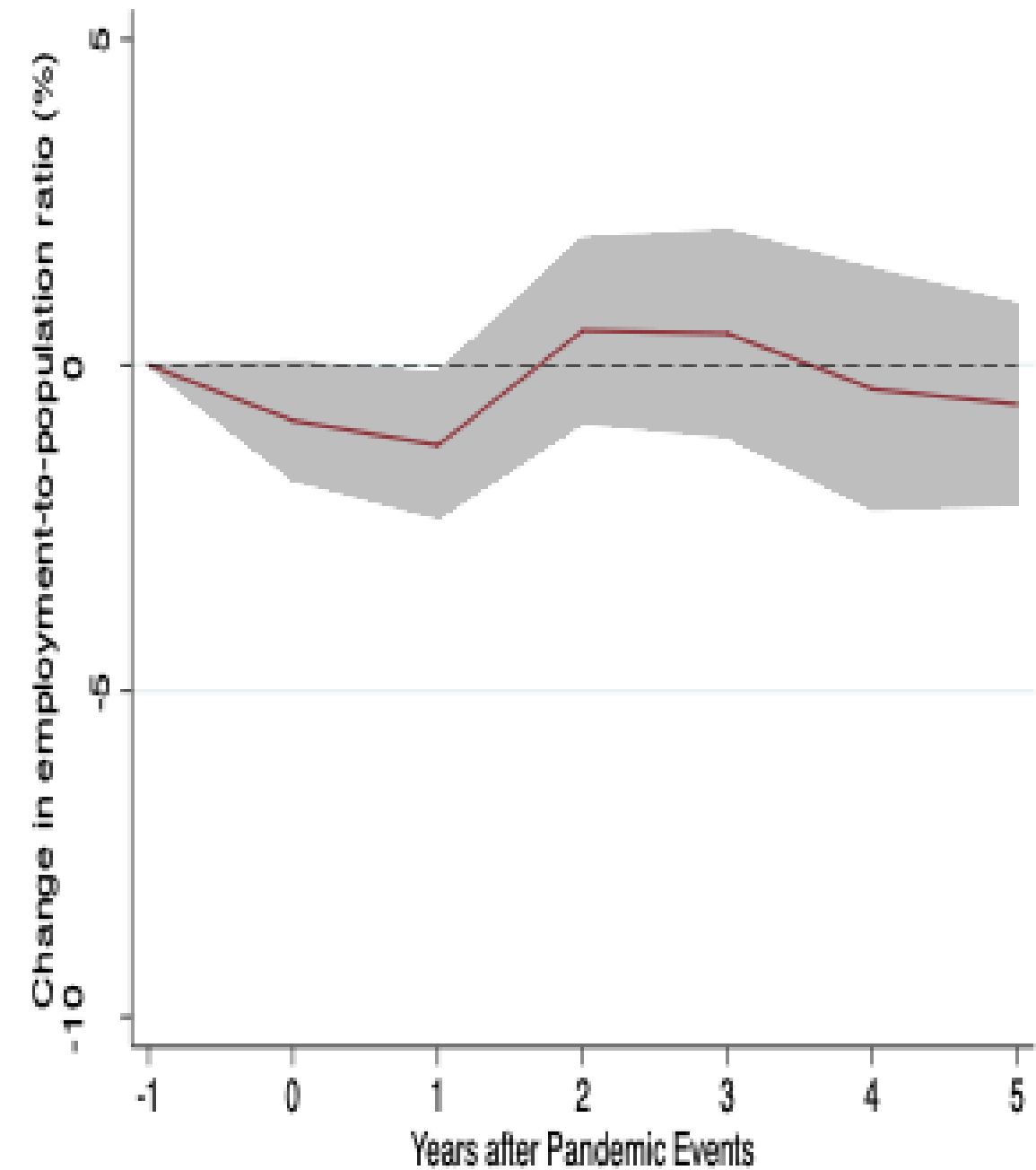
Low Real GDP Growth



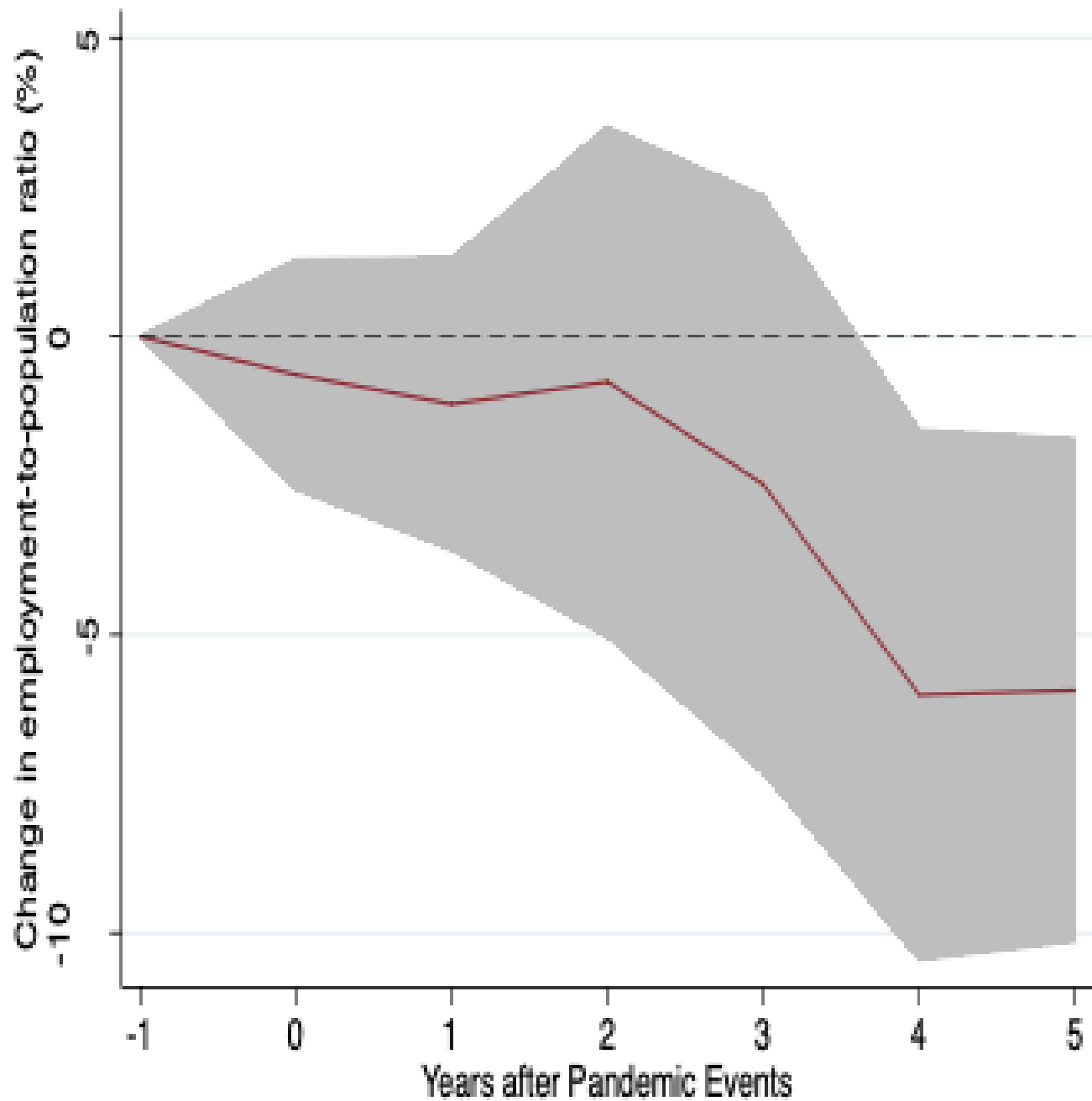
High Real GDP Growth



Advanced education



Basic education



The
GREAT
LEVELER

"Sweeping and
provocative."
—*New Yorker*

VIOLENCE *and the*
HISTORY *of* INEQUALITY
from the STONE AGE *to*
the TWENTY-FIRST CENTURY

WALTER SCHEIDEL



 **SUSTAINABLE DEVELOPMENT GOALS**



Nations Unies
pour les Changements Climatiques
COP21/CMP11
Paris, France



**UNITED NATIONS
PARIS CLIMATE
AGREEMENT
SIGNING CEREMONY
— 22 APRIL 2016 —**



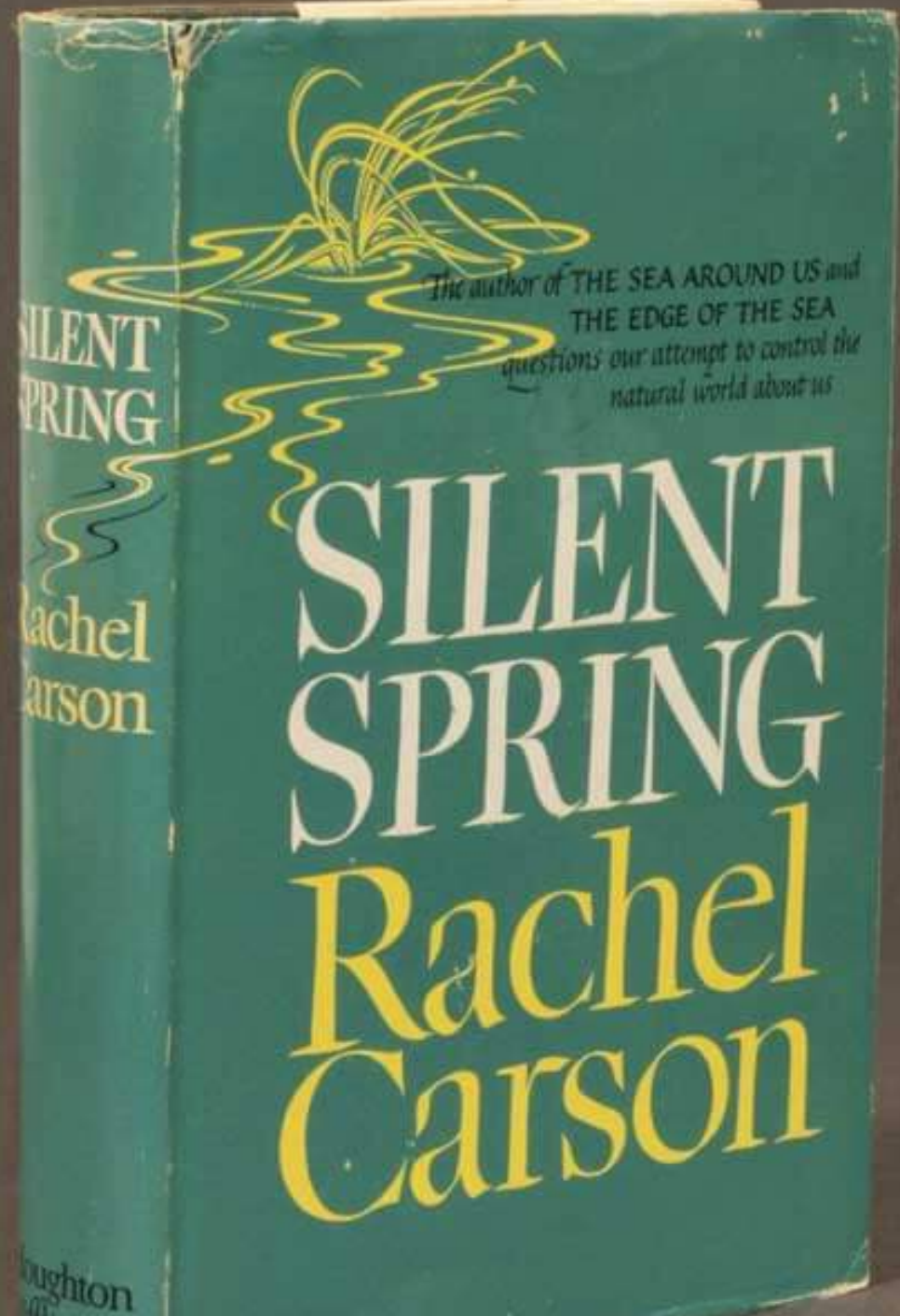
WHAT IS HISTORY?

The George Macaulay Trevelyan Lectures
delivered in the University of Cambridge
January–March 1961

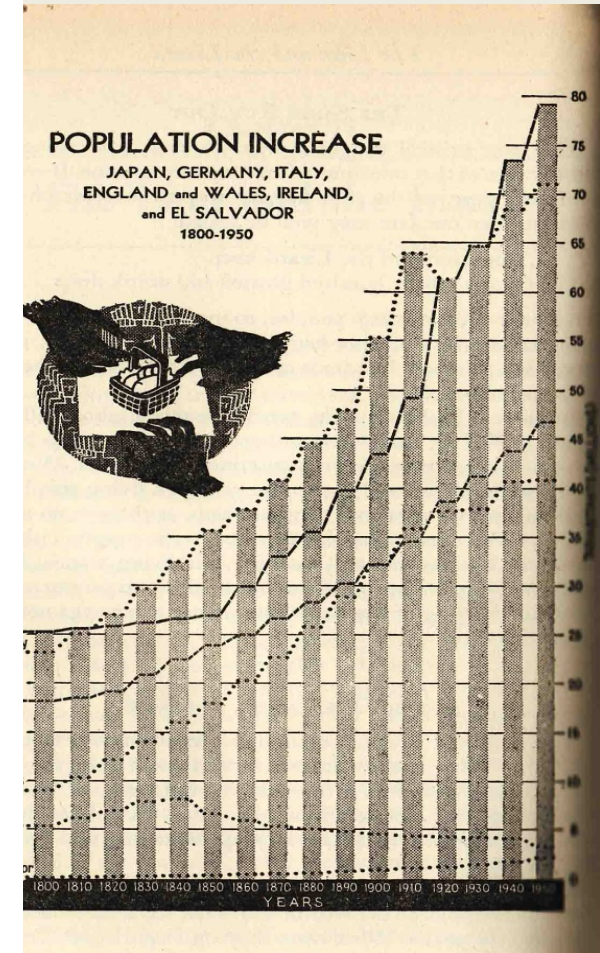
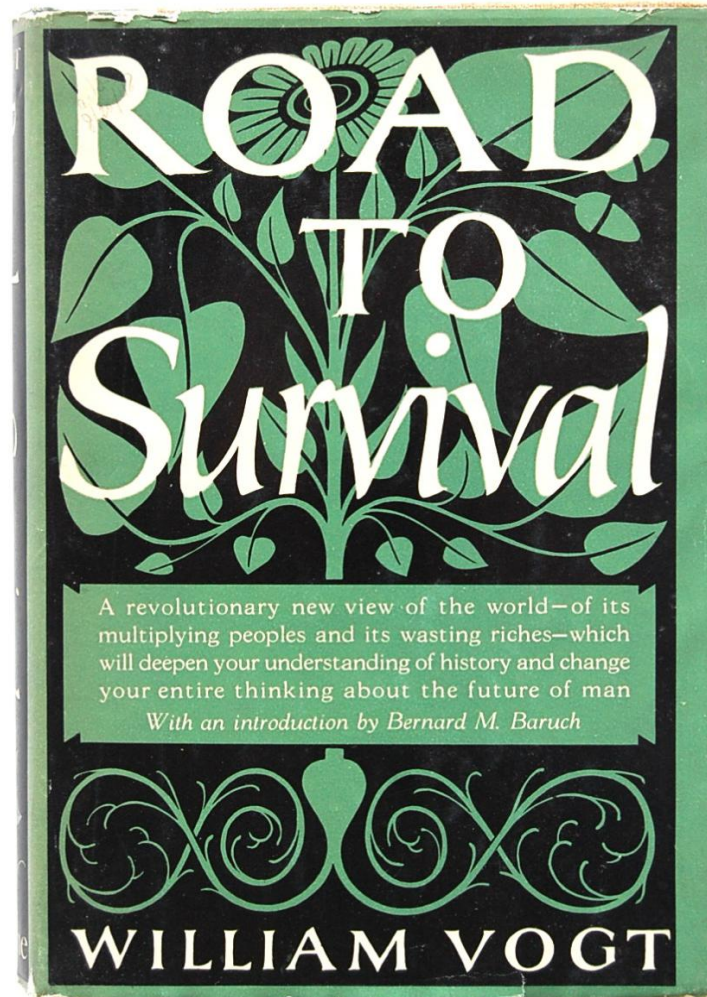
by

EDWARD HALLETT CARR
Fellow of Trinity College





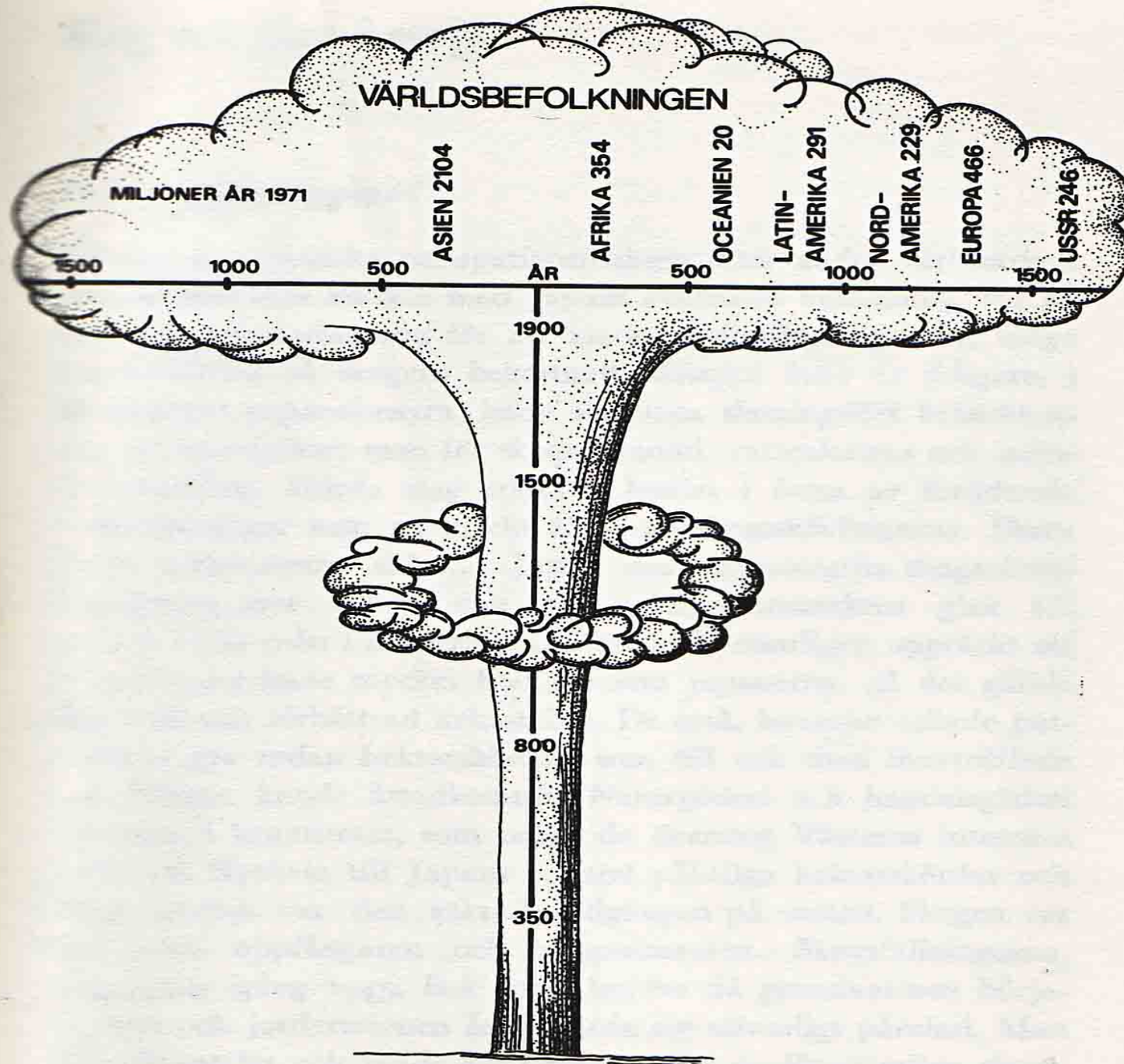
William Vogt, *Road to Survival* (1948)



“Man’s role in changing the face of the Earth”

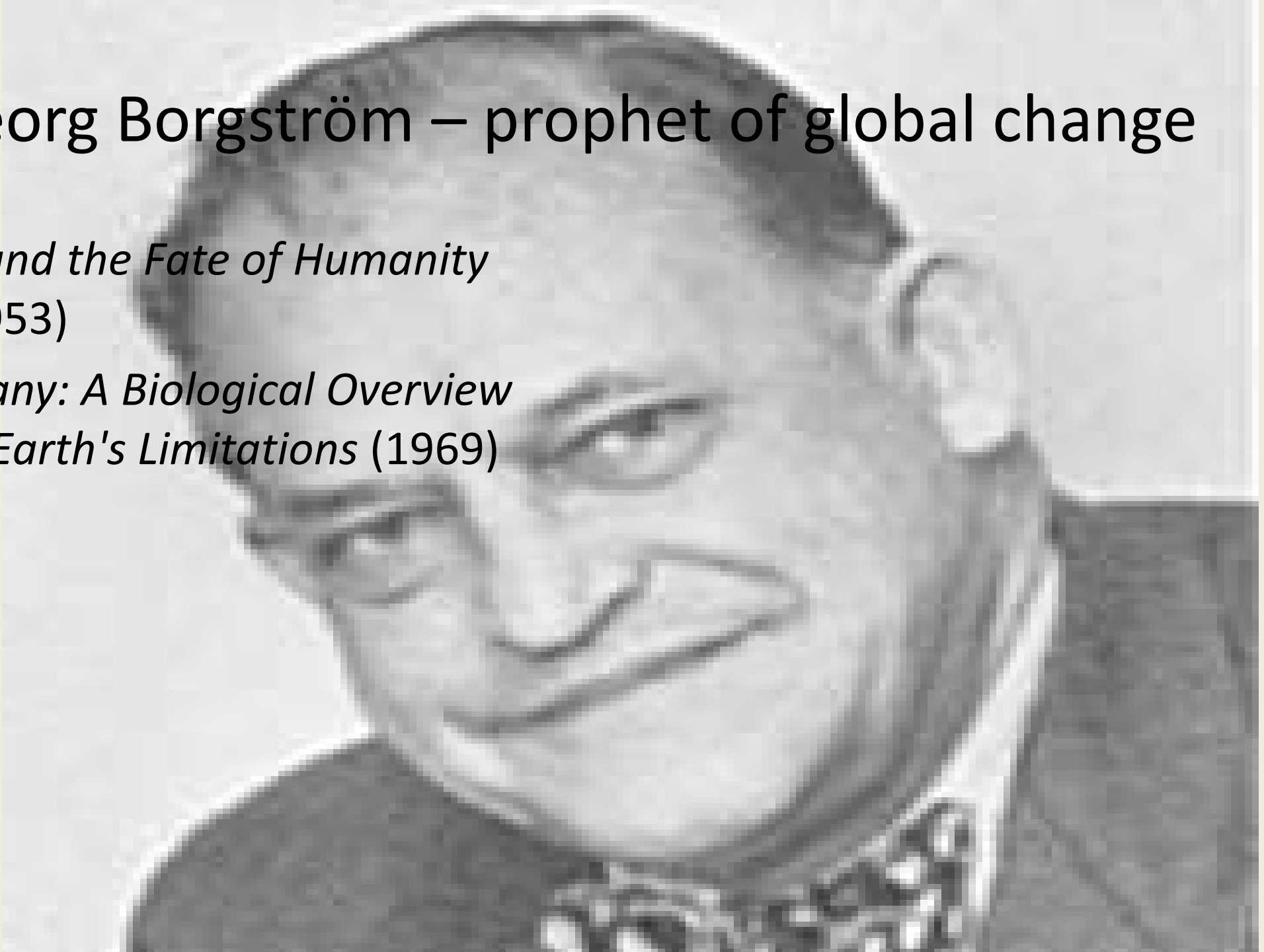
Princeton Inn, June 1955



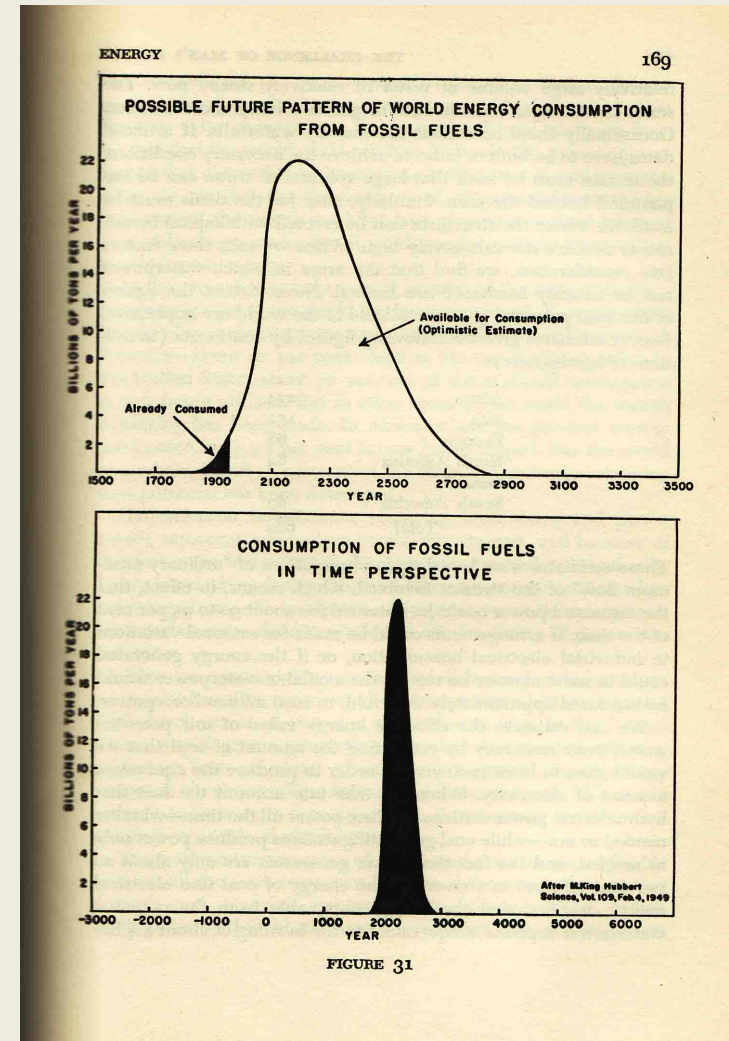


Georg Borgström – prophet of global change

- *Earth and the Fate of Humanity*
(Sw. 1953)
- *Too Many: A Biological Overview
of the Earth's Limitations* (1969)

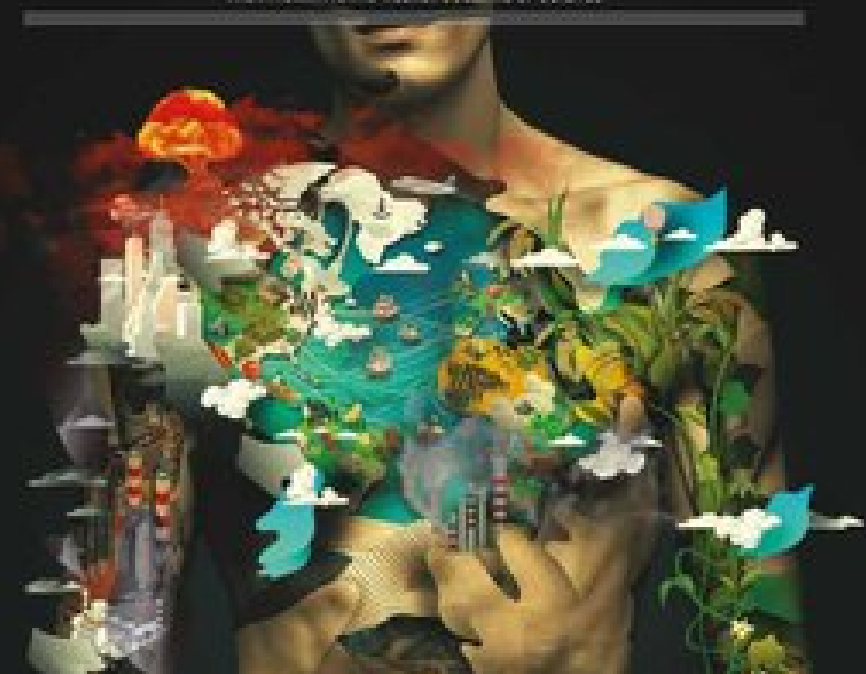


Brown, *The Challenge of Man's Future* (1954)



nature

THE INTERNATIONAL WEEKLY JOURNAL OF SCIENCE



THE HUMAN EPOCH

Defining the Anthropocene PAGES 144 & 171

CONNECT RESOLUTION

BUILDING BRIDGES

Long-standing disputes can be found — in theory

PAGE 148

LINGUISTICS

SCIENTIFICALLY SPEAKING

How English became the academic lingua franca

PAGE 154

RISK MANAGEMENT

TAKING IT PERSONALLY

Model the growing interconnectivity of risk

PAGE 161

CONNECT.COM/NATURE

ISSN 0950-0804

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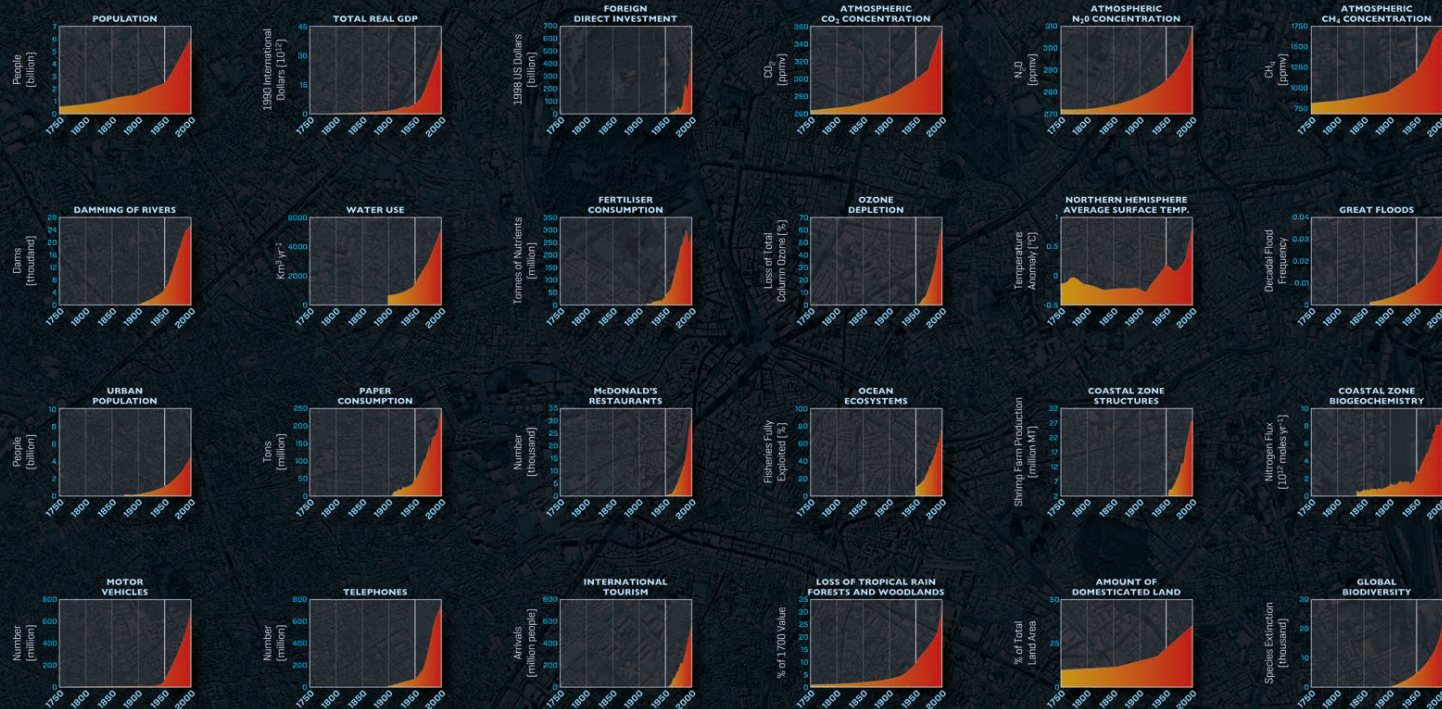


THE ANTHROPOCENE

The Anthropocene defines Earth's most recent geologic time period as being human-influenced, or anthropogenic, based on overwhelming global evidence that atmospheric, geologic, hydrologic, biospheric and other earth system processes are now altered by humans.

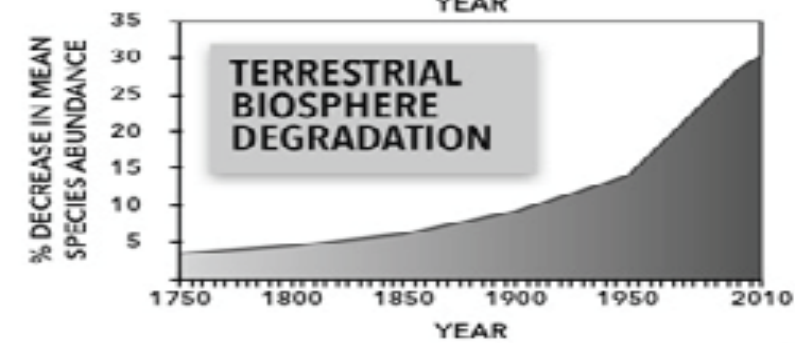
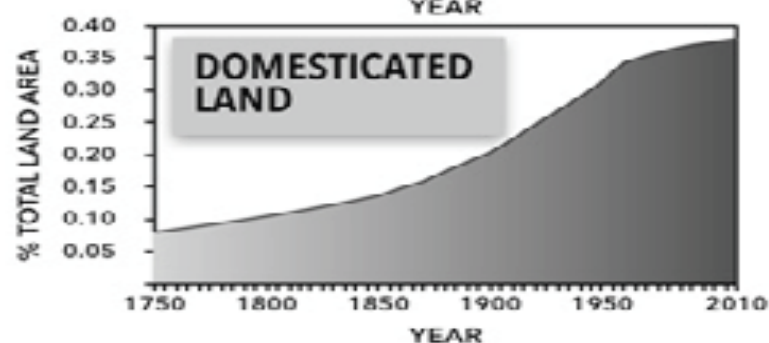
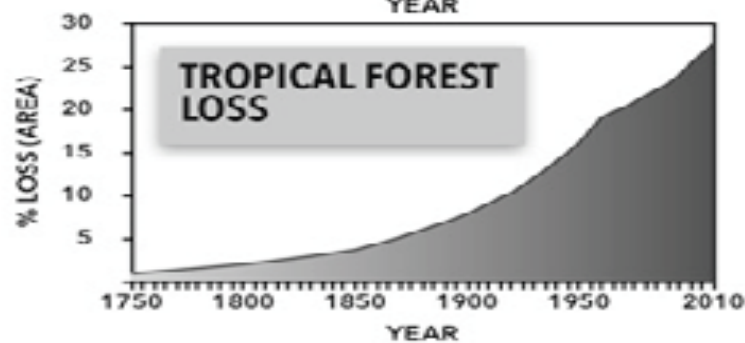
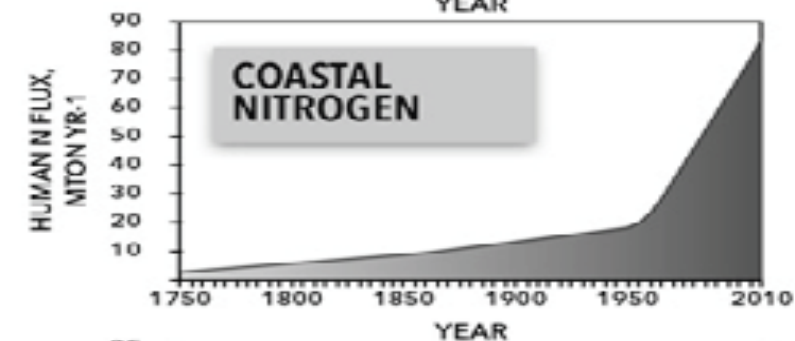
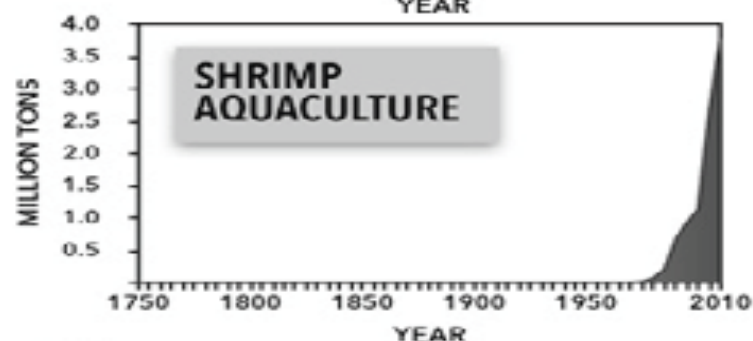
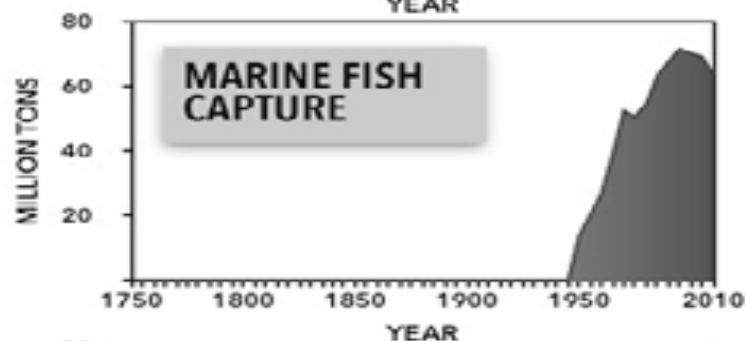
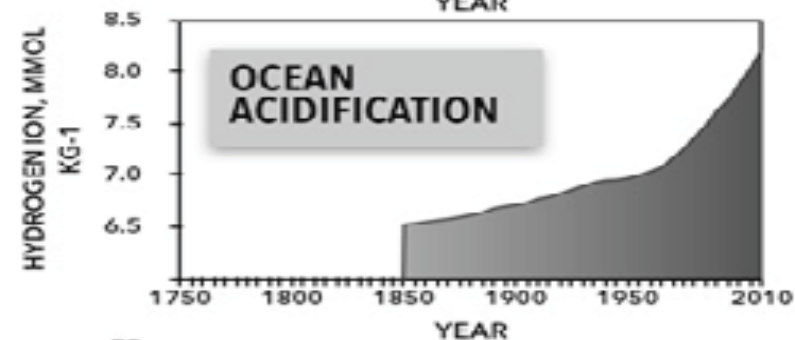
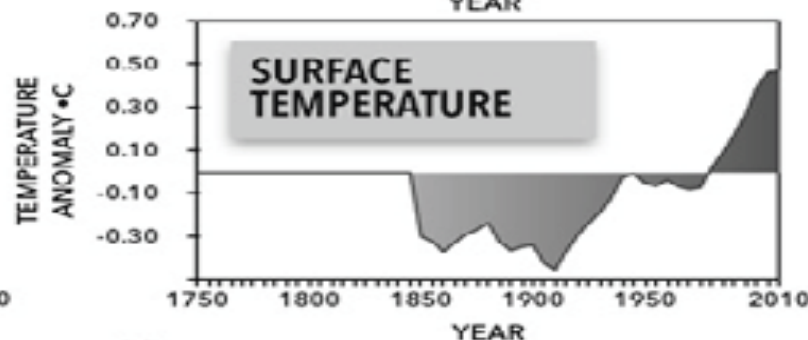
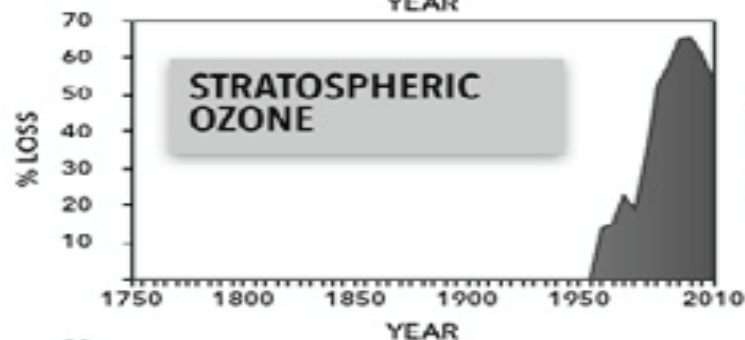
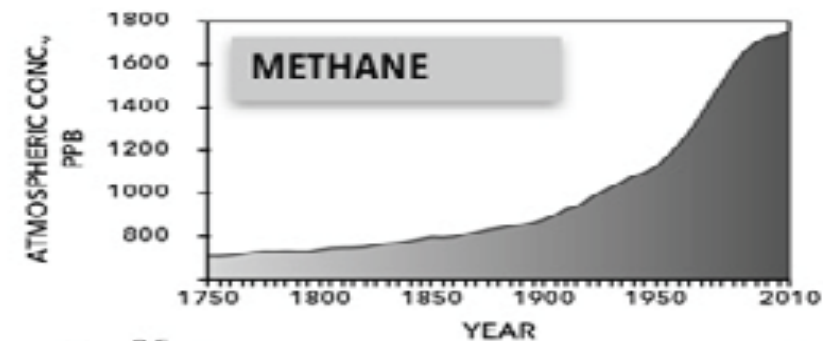
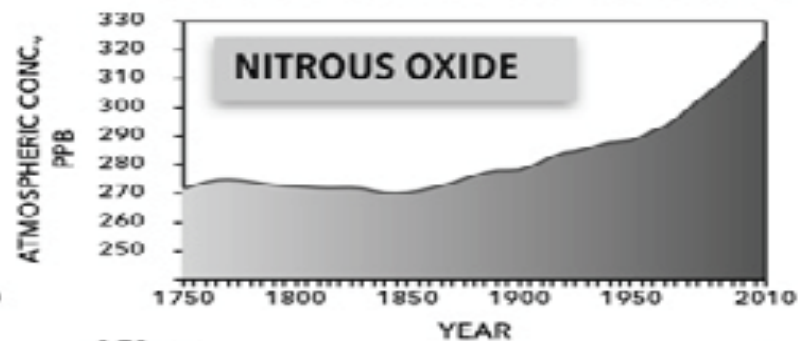
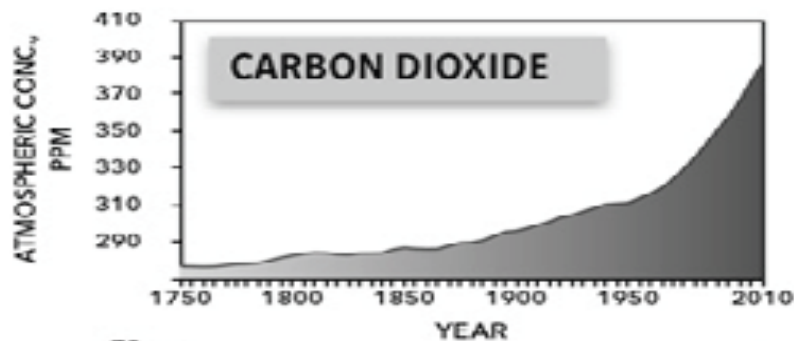
The line corresponding to 1950 highlights the Great Acceleration, the post-World War II worldwide industrialization, techno-scientific development, nuclear arms race, population explosion and rapid economic growth.

These graphs were compiled in a publication of the International Geosphere-Biosphere Programme (IGBP).

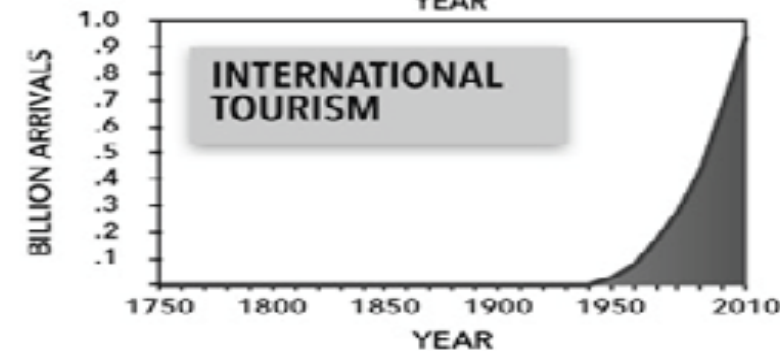
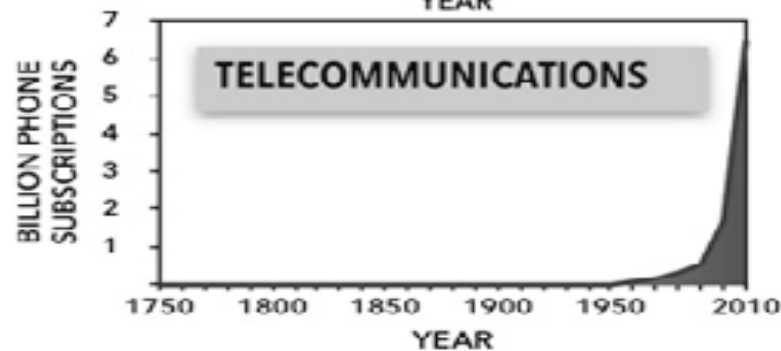
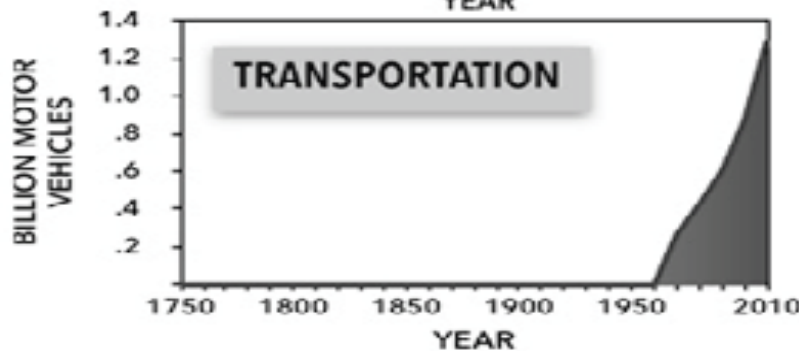
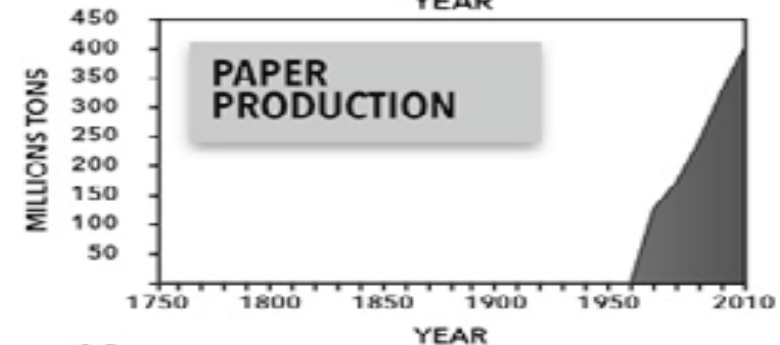
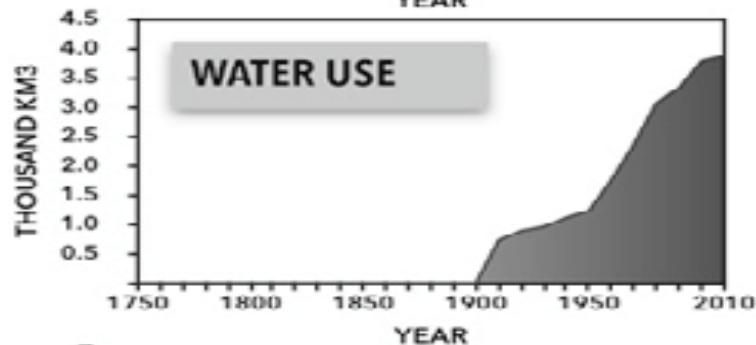
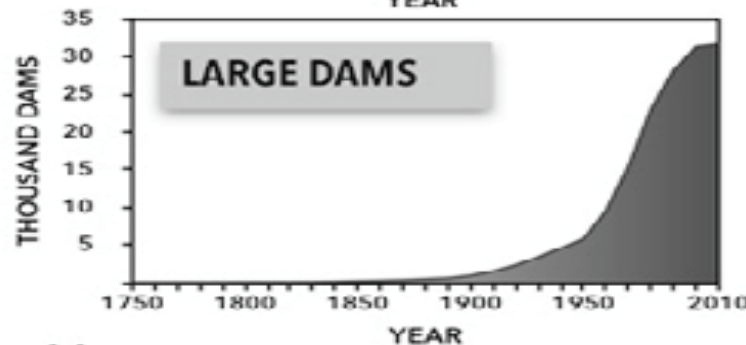
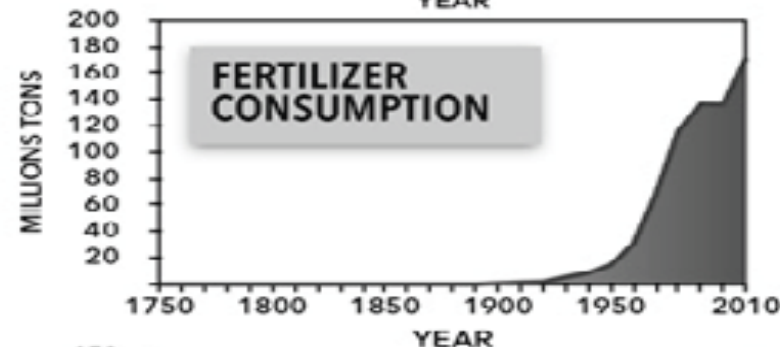
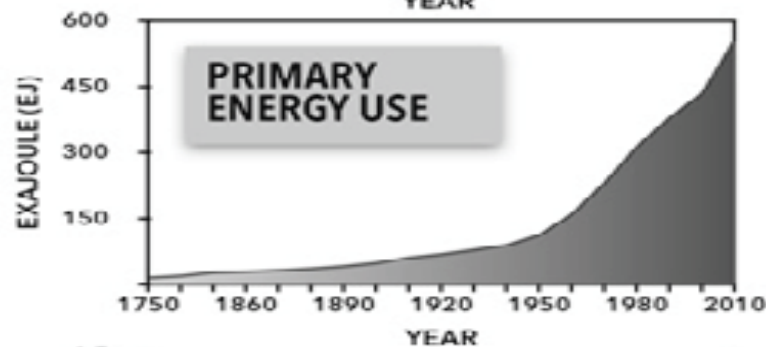
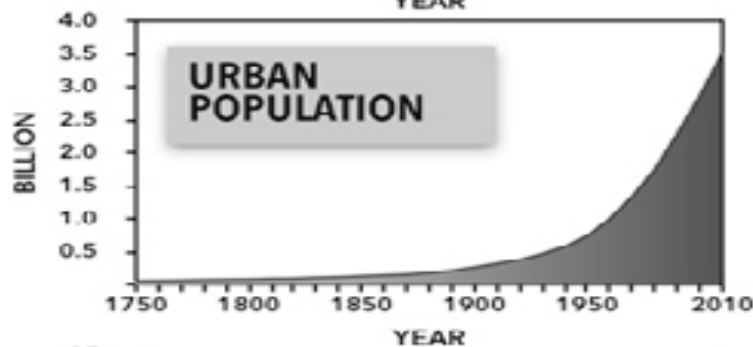
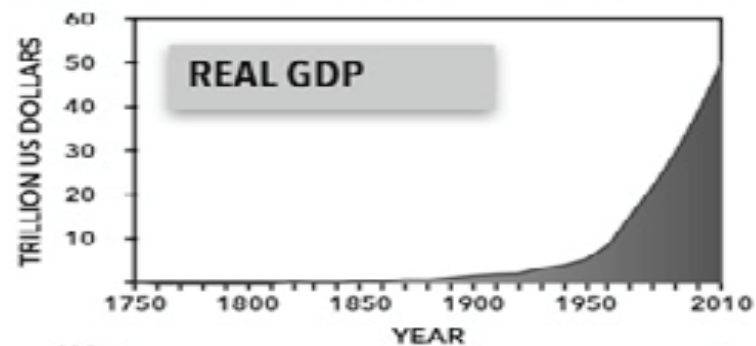
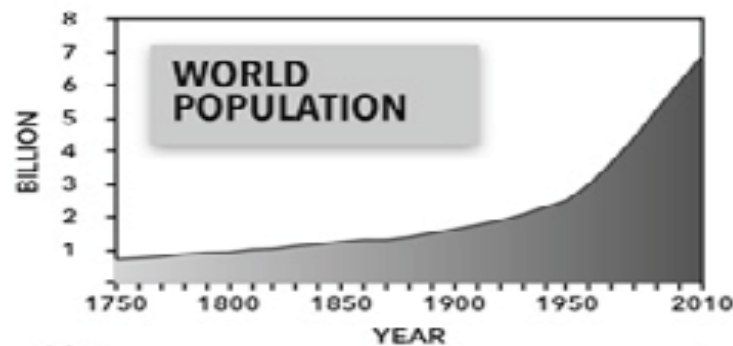


SOURCE: igbp.net | Steffen et al., 2005, Global Change and the Earth System, Springer, pp. 132-133
DESIGN: Globaia.org

EARTH SYSTEM TRENDS



SOCIO-ECONOMIC TRENDS



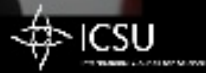
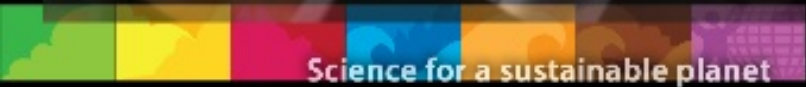
2000. IGBP Scientific Committee meeting, Cuernavaca, Mexico



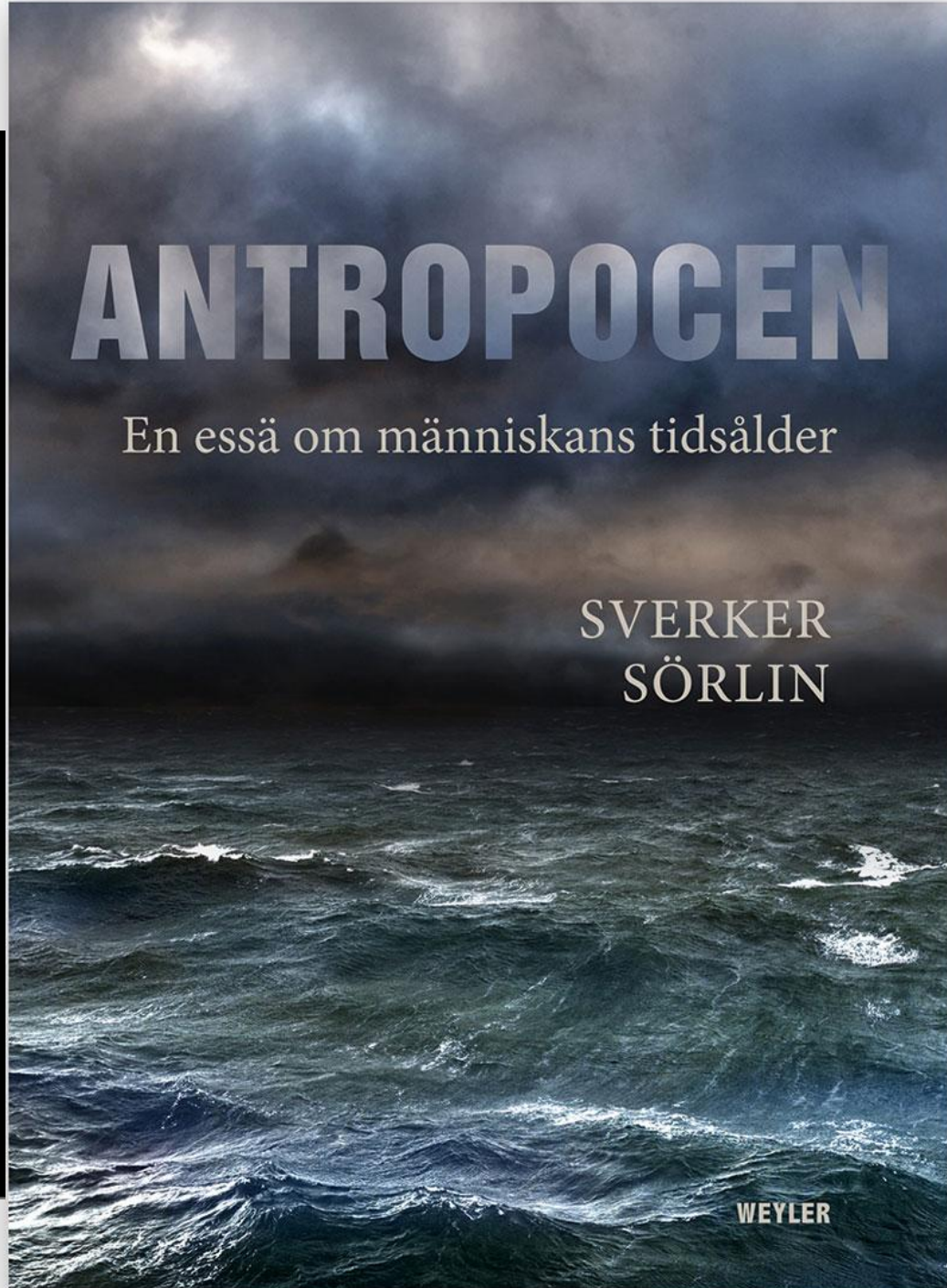
“Stop using the word Holocene.
We’re not in the Holocene any
more. We’re in the...the...

...ANTHROPOCENE”

“It was quiet in the room for a while.”



2012 © Owen Gaffney



ANTROPOCEN

En essä om människans tidsålder

SVERKER
SÖRLIN

WEYLER



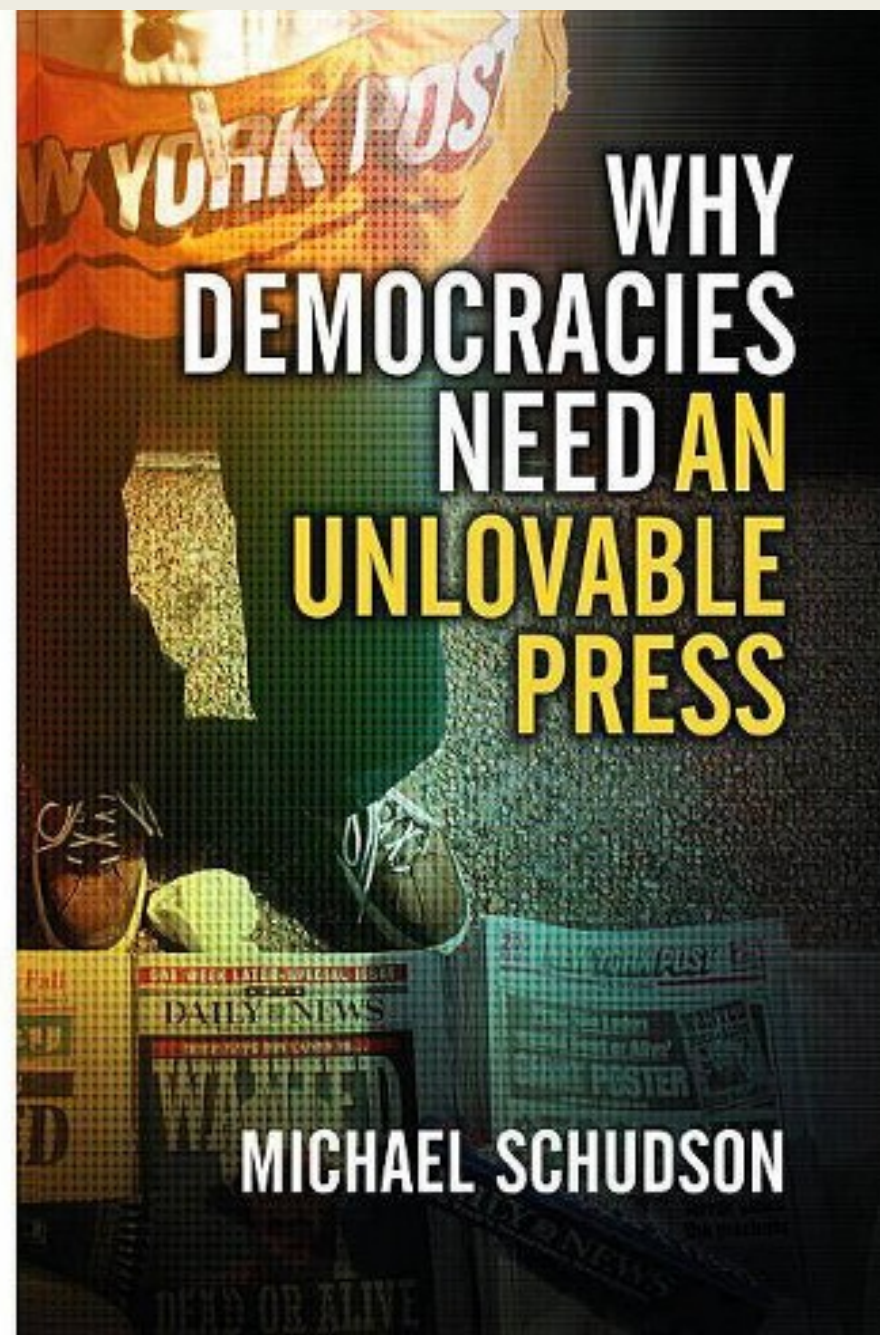
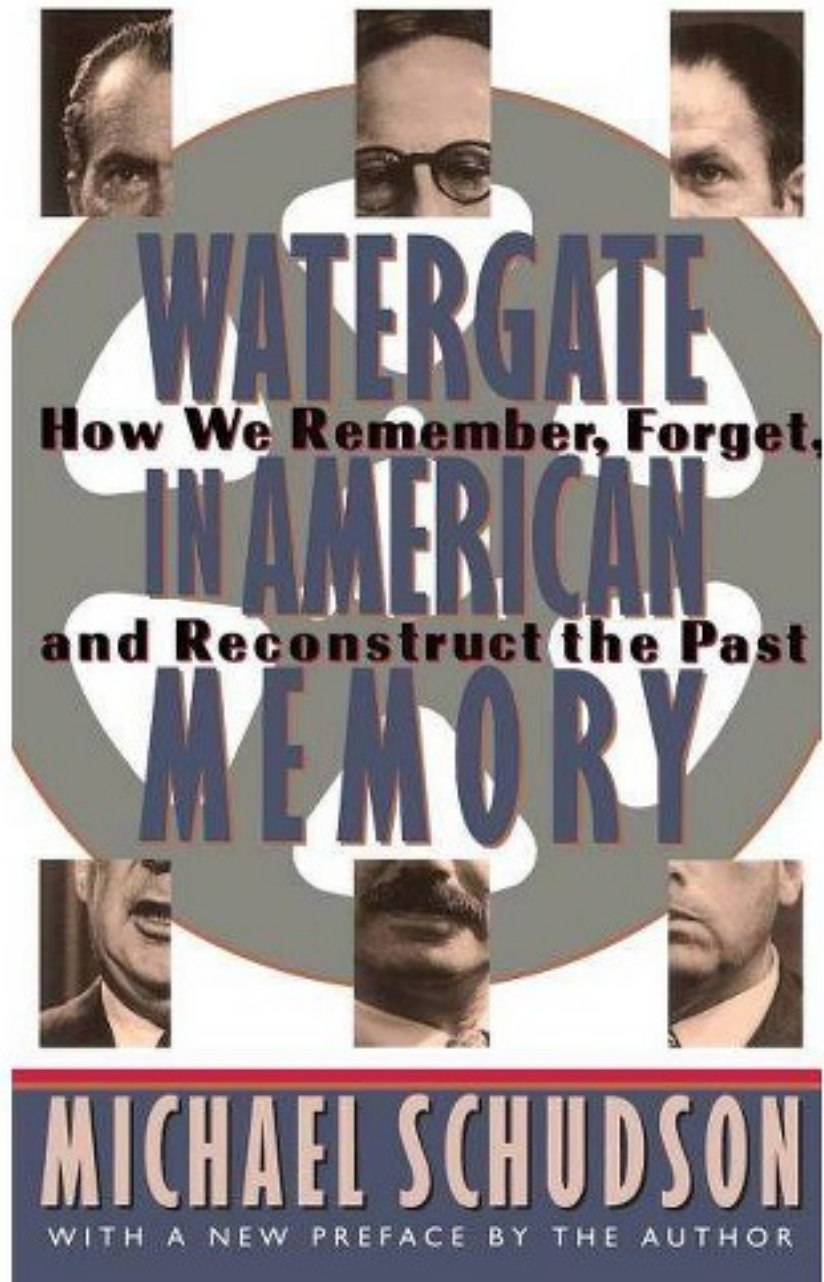
EVERYTHING
DONE in the DARK
Will be
BROUGHT TO
THE LIGHT
Luke 8:17

TRUMP
2020-
KEEP AMERICA GREAT!

TRUMP
2020-
KEEP AMERICA GREAT!

TRUMP
2020-
NO MORE BULLY
KEEP AMERICA GREAT!

120 W. Lincoln



ON TYRANNY

TWENTY LESSONS
FROM THE
TWENTIETH CENTURY

TIMOTHY SNYDER



“Vänj dig aldrig, blunda inte för det obekväma, för tecken som kan förebåda ondska. Höj din röst för rättvisan, fånga ögonblicket när din röst kan ändra på det påbörjade onda och var med och skapa en bättre värld.”



Den nya accelerationen – sådant som kommer att bli bestående

- Transformation
- Investeringar
- Offentligt ansvar
- Säkerhet/beredskap
- Digitalisering
- Regionalisering (konstruktiv distansering...)

Tack för ordet –
och för er uppmärksamhet!