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SOSTENIBILITÀ

Andrea Rinaldo

▶ NOEL CELIS 17/1/2018

Le baracche di un quartiere di Manila, nelle Filippine, costruite sopra un fiume di spazzatura.

▶ FABRICE COFFRINI 2/9/2022

Una squadra di geologi verifica lo stato del ghiacciaio al Passo del Gries, al confine tra Italia e Svizzera.

► ROMEO GACAD 8/6/2019

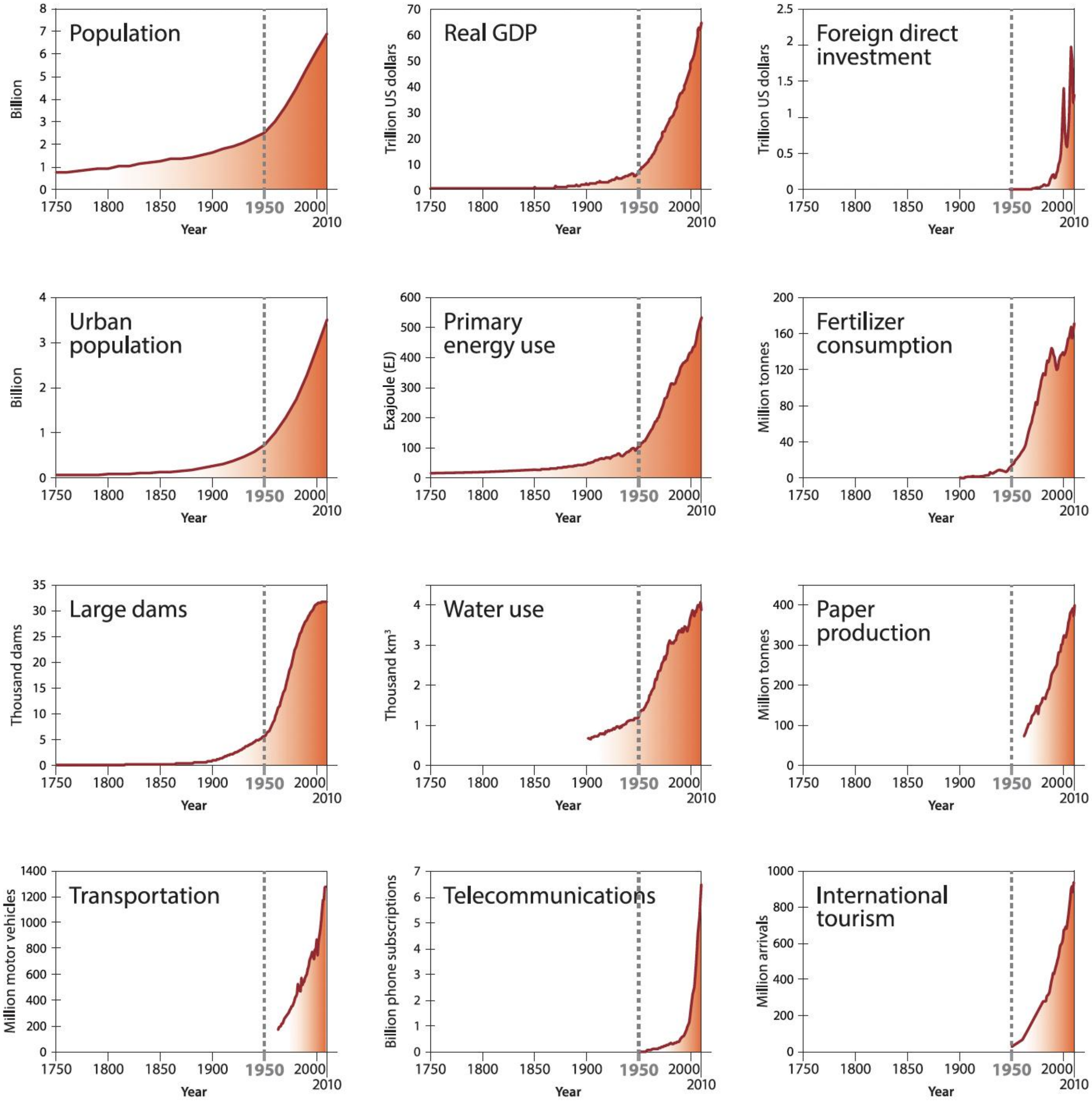
Un bambino nuota tra le bottiglie di plastica a Bangkok, in Thailandia, per una campagna di sensibilizzazione nella Giornata Mondiale degli Oceani.

BANCA D'ITALIA
EUROSISTEMA

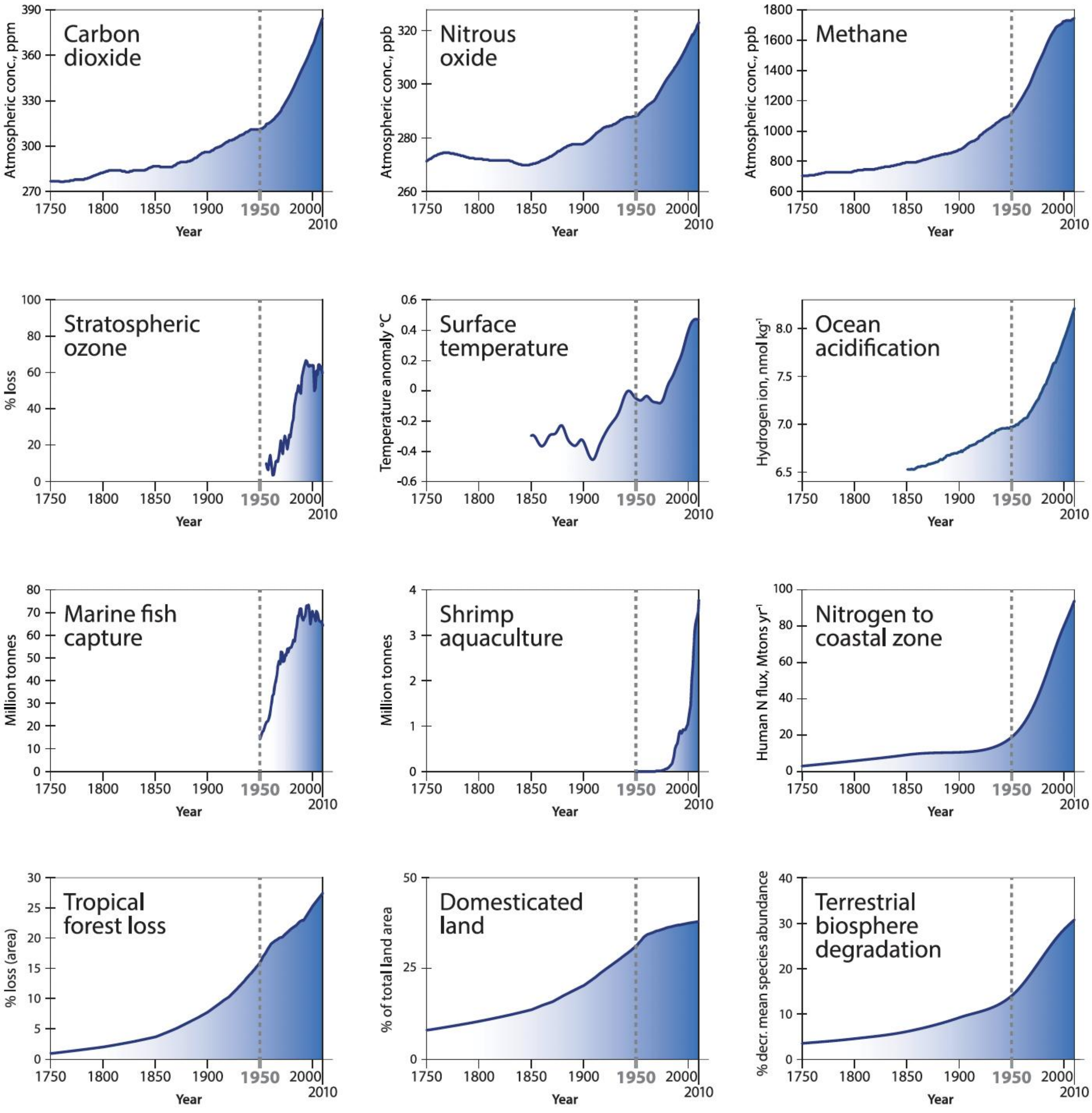
Aspettative di vigilanza sui rischi climatici e ambientali

Indice

Photo credit/Michele Gradenigo



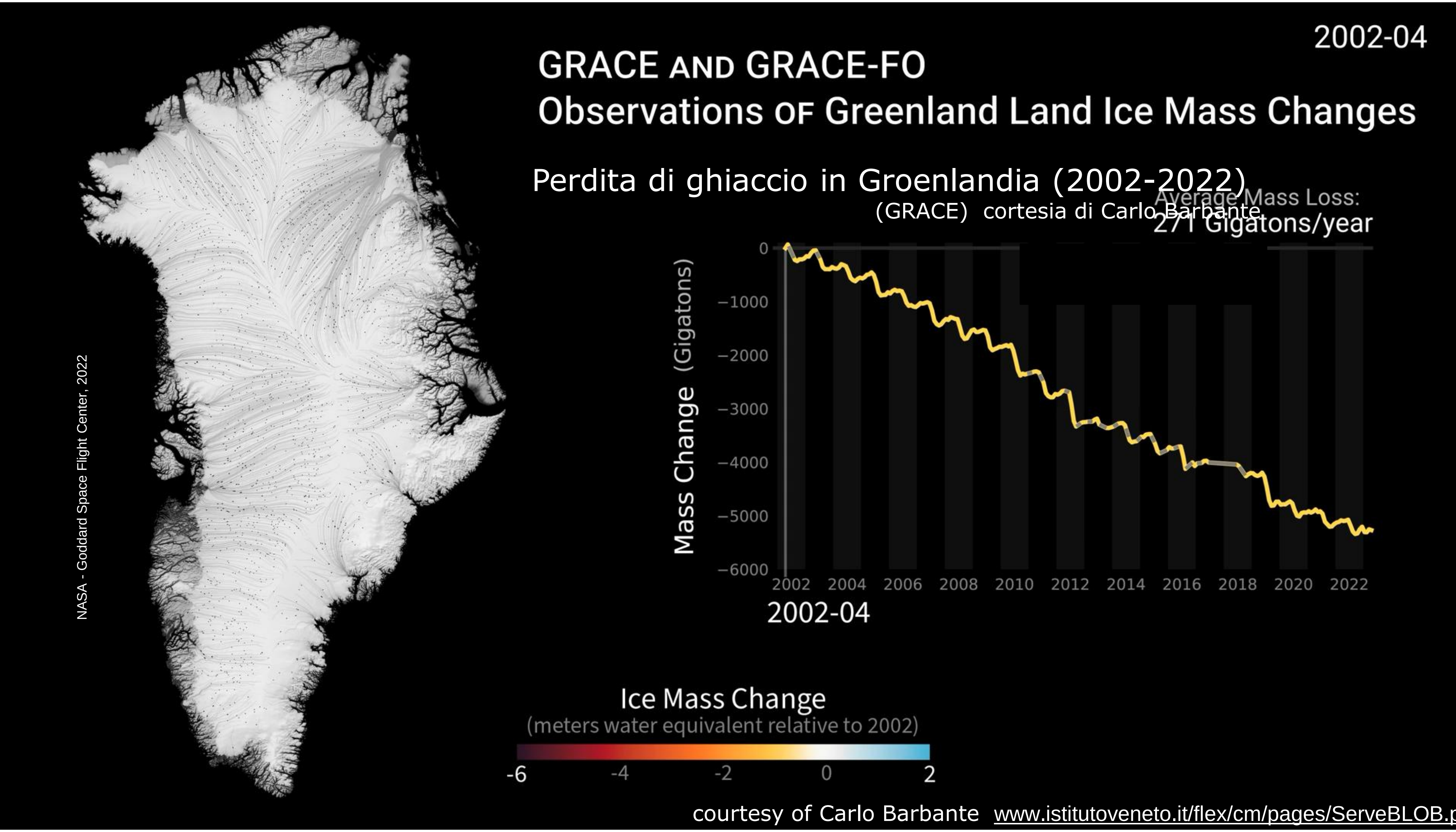
Steffen et al., the Anthropocene Review, 2020



Steffen et al., the Anthropocene Review, 2020

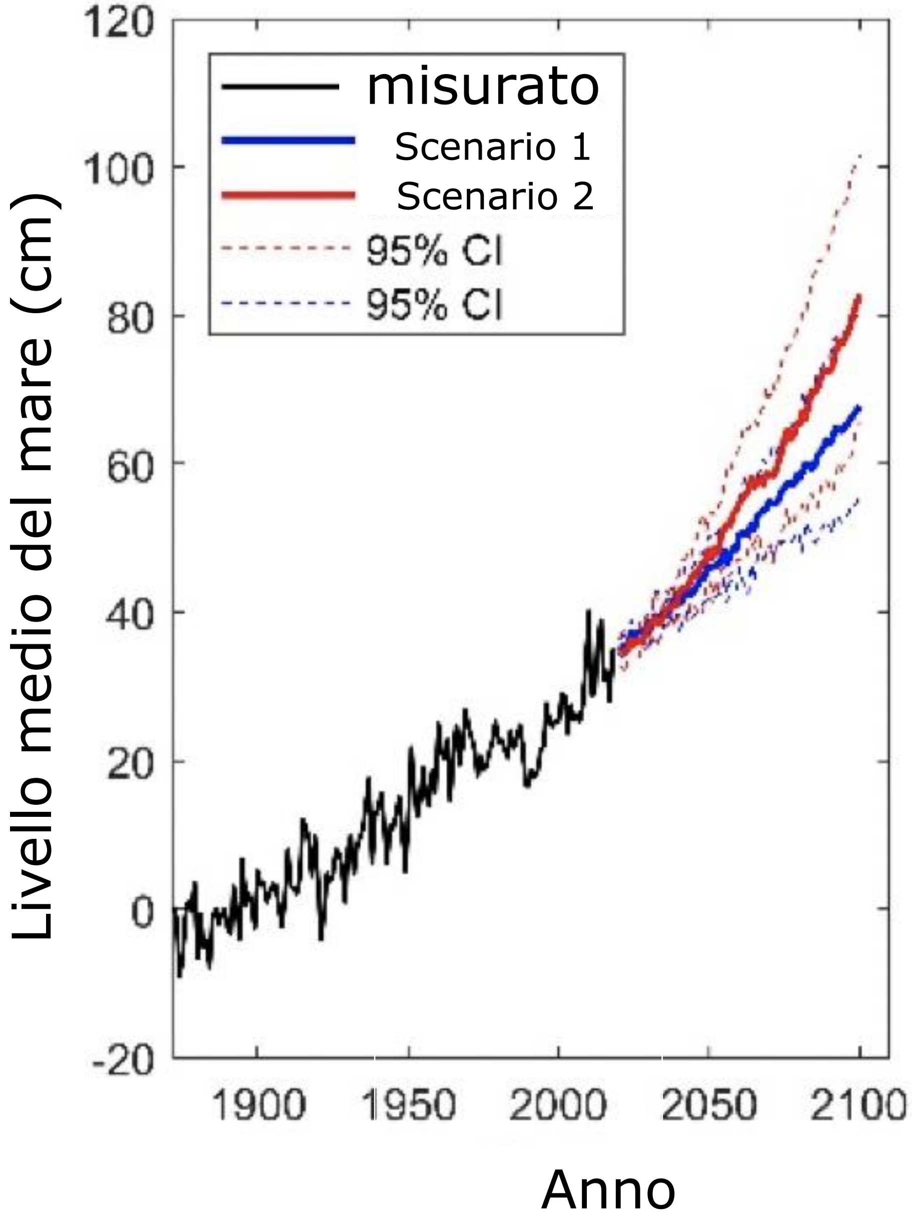
Perdita di ghiaccio in Groenlandia (2002-2022)

(GRACE) cortesia di Carlo Barbante



NASA - Goddard Space Flight Center, 2022

courtesy of Carlo Barbante www.istitutoveneto.it/flex/cm/pages/ServeBLOB.p



Caruso & Marani, *Natural Hazards Earth System Science*, 22, 1109–1128, 2022

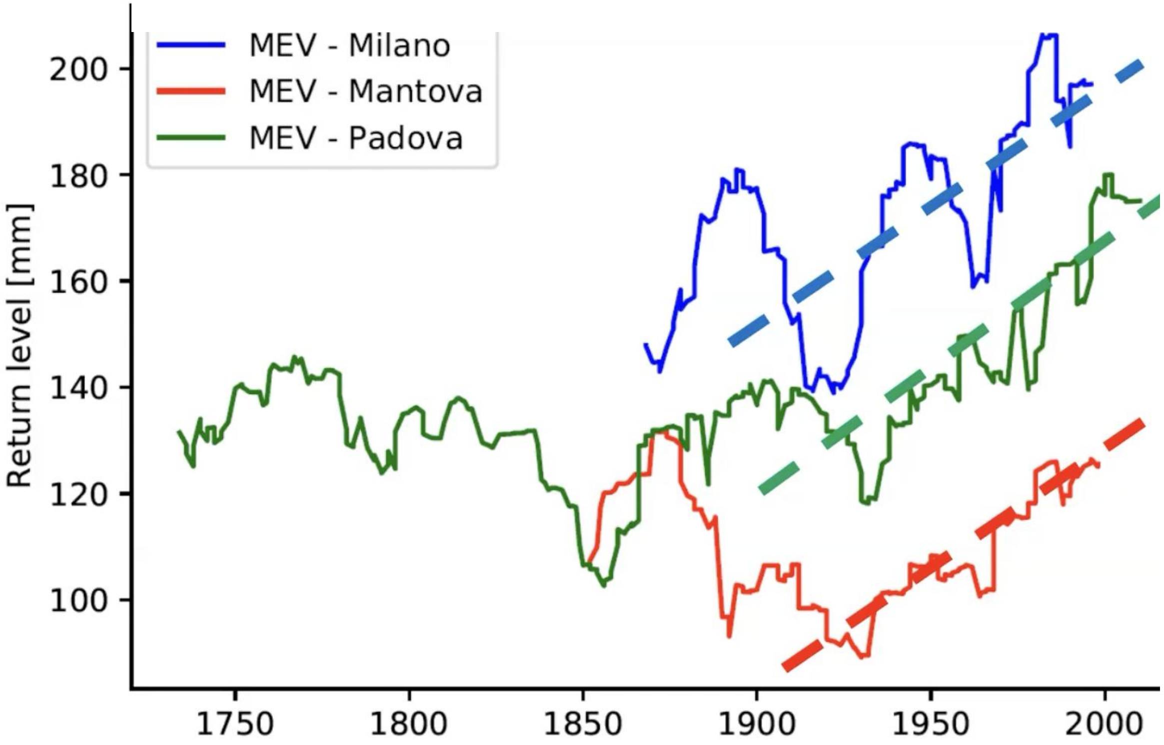
https://www.istitutoveneto.it/f/ServeBLOB.php/L/IT/IDPagina/1. Photo: Matteo Tagliapietra, Interpress Agency

https://www.bbc.com/news/world-asia-62700249


Vigili del Fuoco

the future ain’t what it used to be

piogge estreme (tempo di ritorno 200 anni stimato da distribuzioni non stazionarie – metastatistiche)

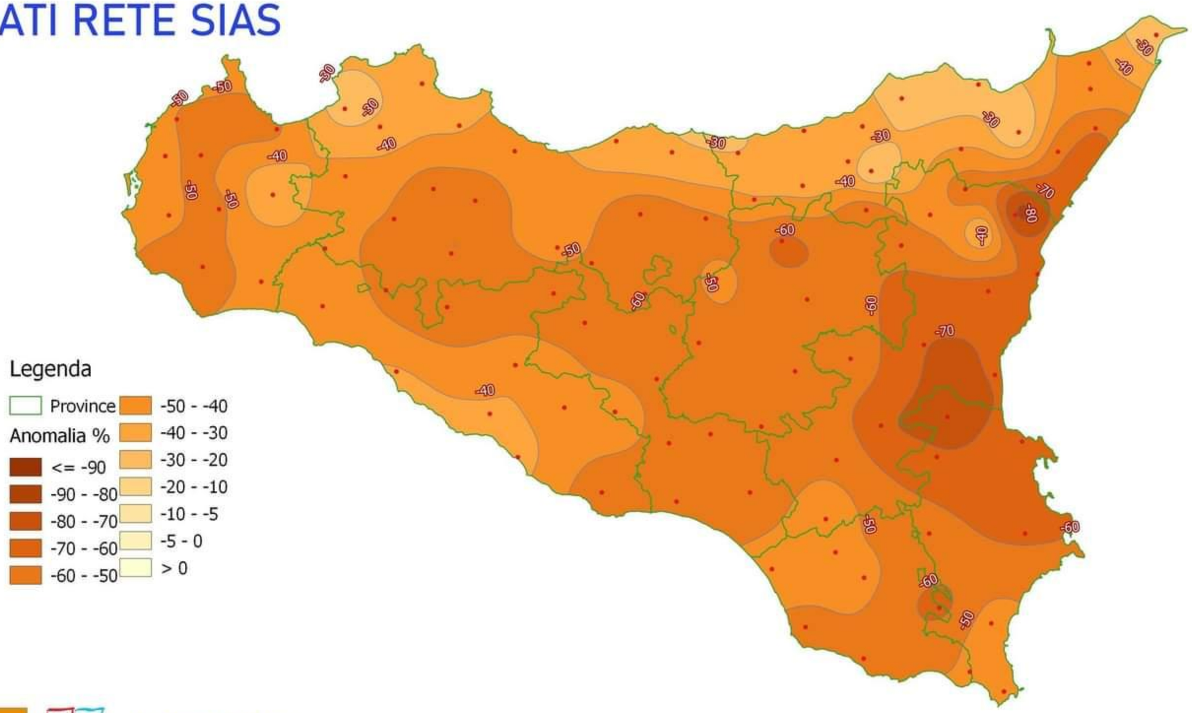


▶ AFP PHOTO 26/7/2021

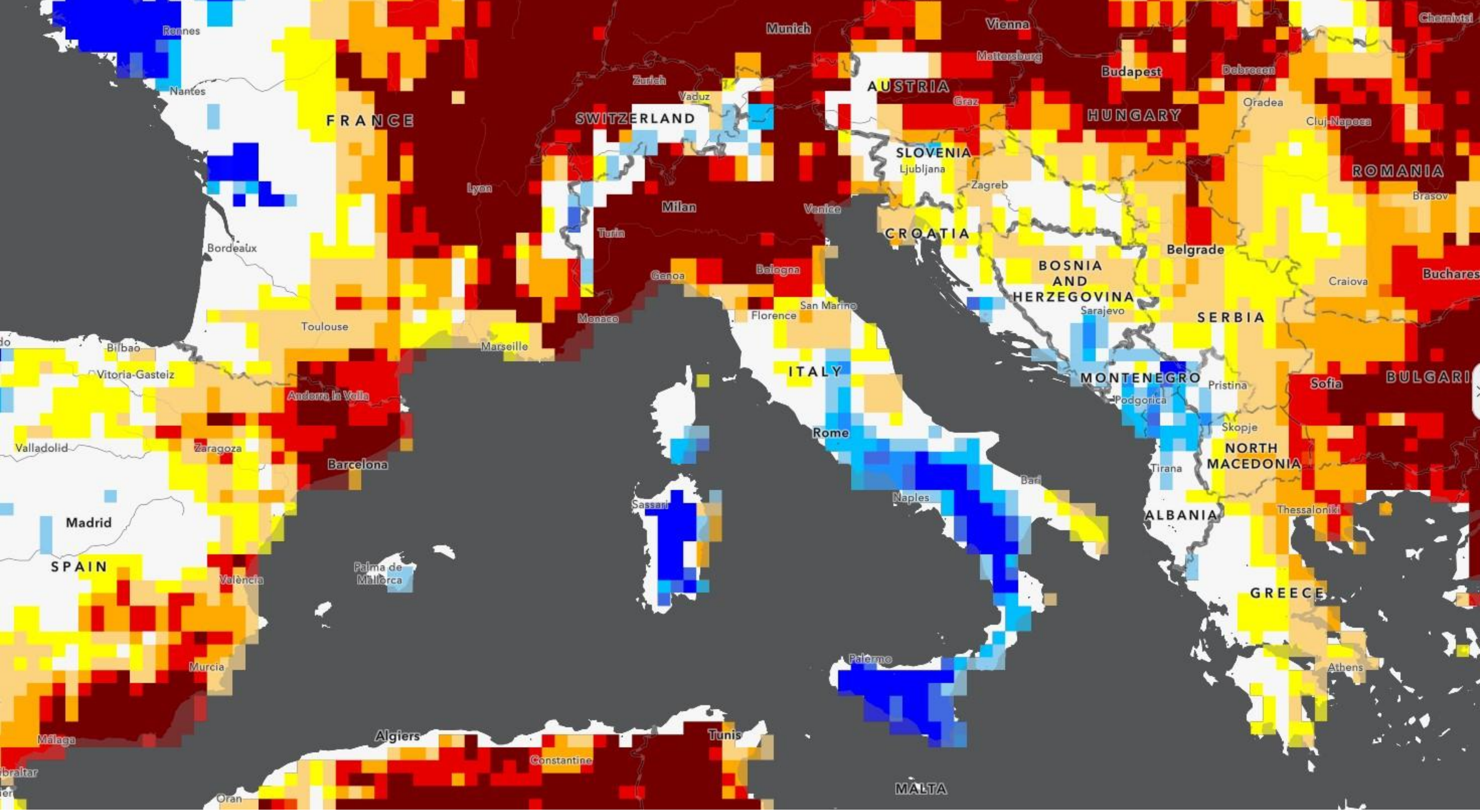
Gommoni di salvataggio nelle strade di Xinxiang, in Cina, sommerse dopo le violente piogge che hanno scaricato oltre 260 mm di acqua in sole due ore.

https://masterx.iulm.it/ambiente/siccita-italia-pioggia/

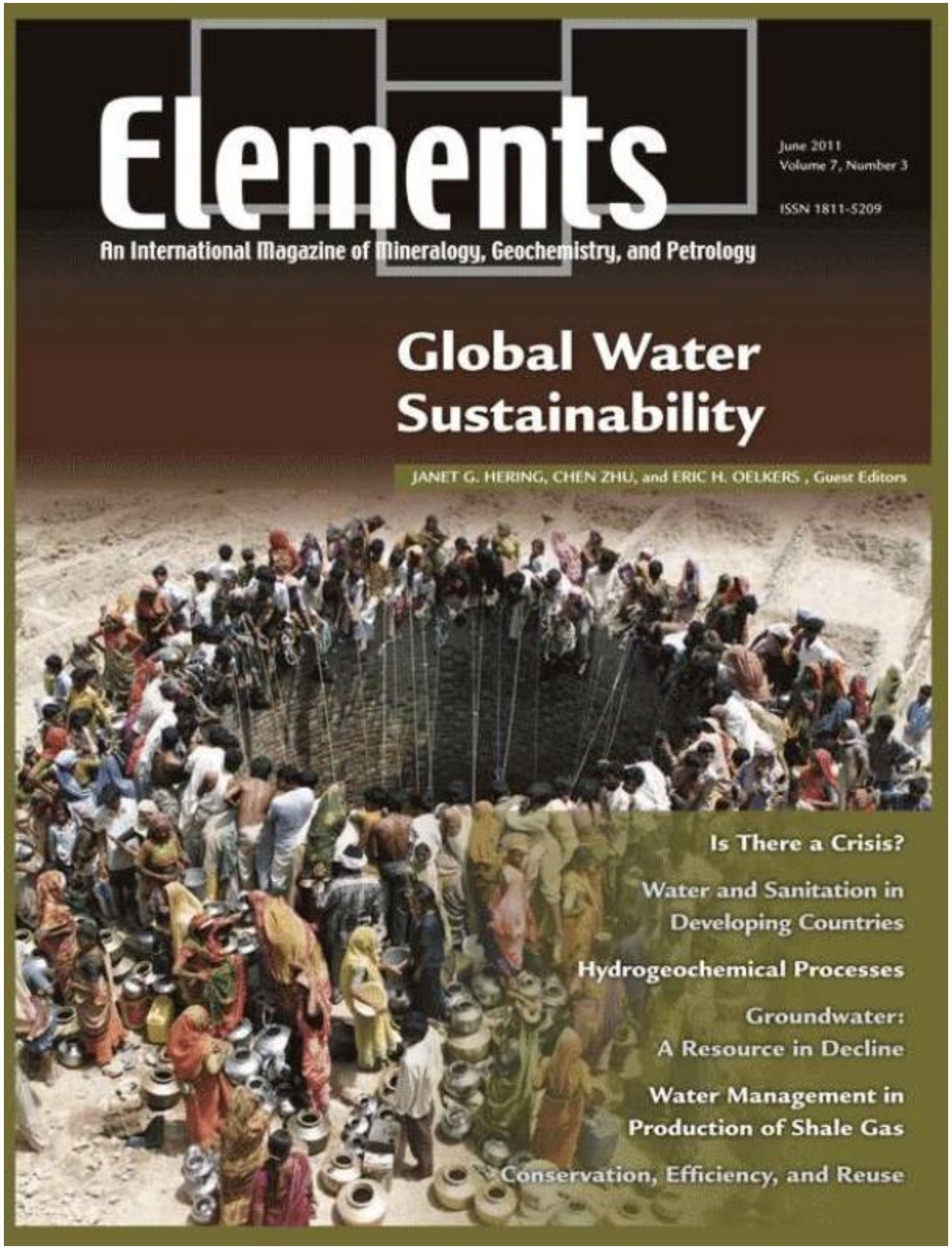
ANOMALIA DI PRECIPITAZIONE CUMULATA
SICILIA - PERIODO SETTEMBRE 2023-APRILE 2024
DATI RETE SIAS



Regione Siciliana
Servizio Informativo Agrometeorologico Siciliano



NASA /DLR Global Drought Information System /



Elements

An International Magazine of Mineralogy, Geochemistry, and Petrology

June 2011
Volume 7, Number 3

ISSN 1811-5209

Global Water Sustainability

JANET G. HERING, CHEN ZHU, and ERIC H. OELKERS , Guest Editors

Is There a Crisis?

Water and Sanitation in Developing Countries

Hydrogeochemical Processes

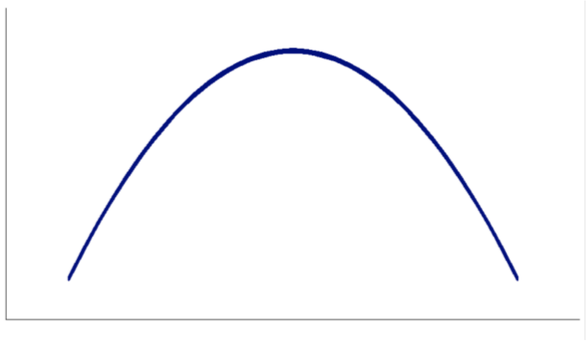
Groundwater: A Resource in Decline

Water Management in Production of Shale Gas

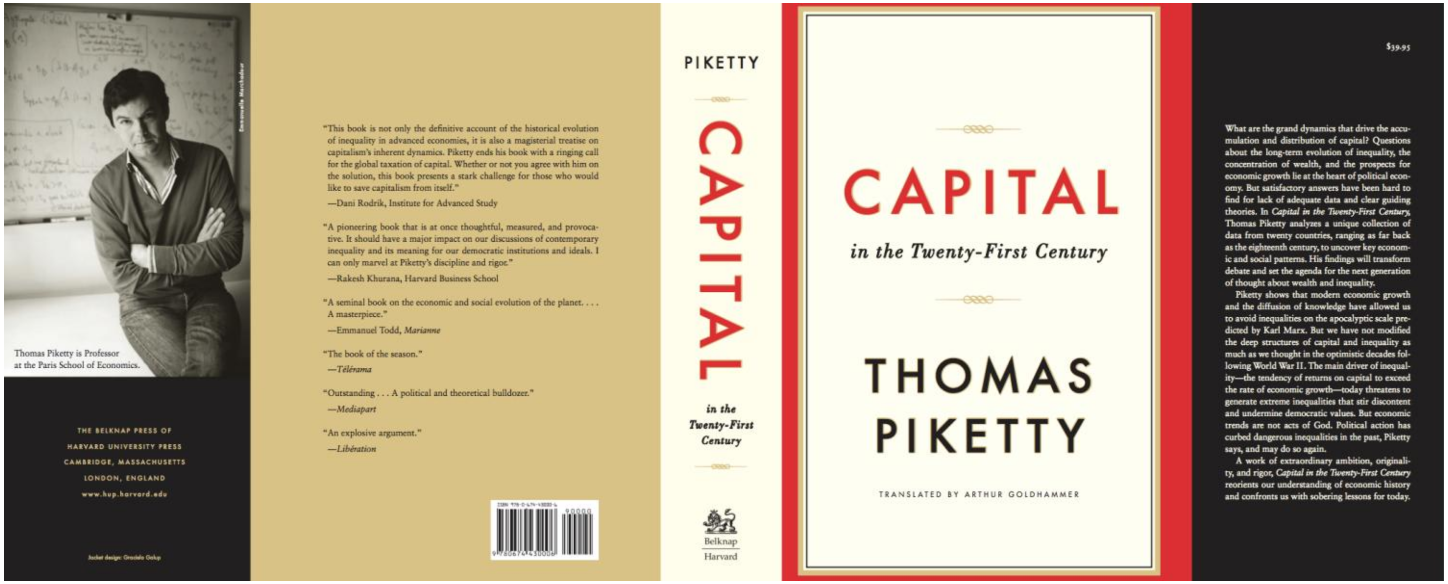
Conservation, Efficiency, and Reuse

Pricing the planet

Pricing the planet



the curse of Kuznets’ curves



Emmanuelle Marchadour

Thomas Piketty is Professor
at the Paris School of Economics.

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“This book is not only the definitive account of the historical evolution of inequality in advanced economies, it is also a magisterial treatise on capitalism’s inherent dynamics. Piketty ends his book with a ringing call for the global taxation of capital. Whether or not you agree with him on the solution, this book presents a stark challenge for those who would like to save capitalism from itself.”

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PIKETTY

CAPITAL

in the
Twenty-First
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CAPITAL

in the Twenty-First Century

THOMAS
PIKETTY

TRANSLATED BY ARTHUR GOLDHAMMER

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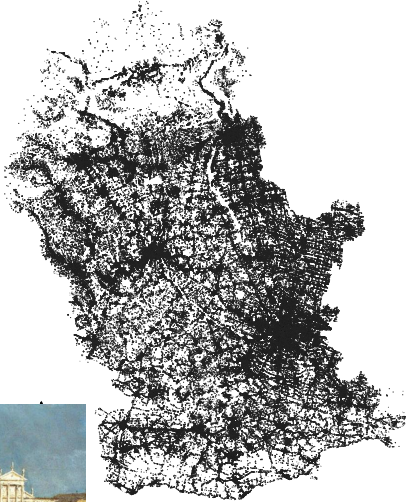
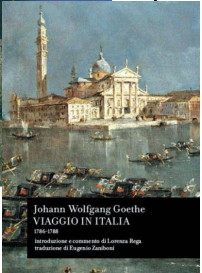
What are the grand dynamics that drive the accumulation and distribution of capital? Questions about the long-term evolution of inequality, the concentration of wealth, and the prospects for economic growth lie at the heart of political economy. But satisfactory answers have been hard to find for lack of adequate data and clear guiding theories. In *Capital in the Twenty-First Century*, Thomas Piketty analyzes a unique collection of data from twenty countries, ranging as far back as the eighteenth century, to uncover key economic and social patterns. His findings will transform debate and set the agenda for the next generation of thought about wealth and inequality.

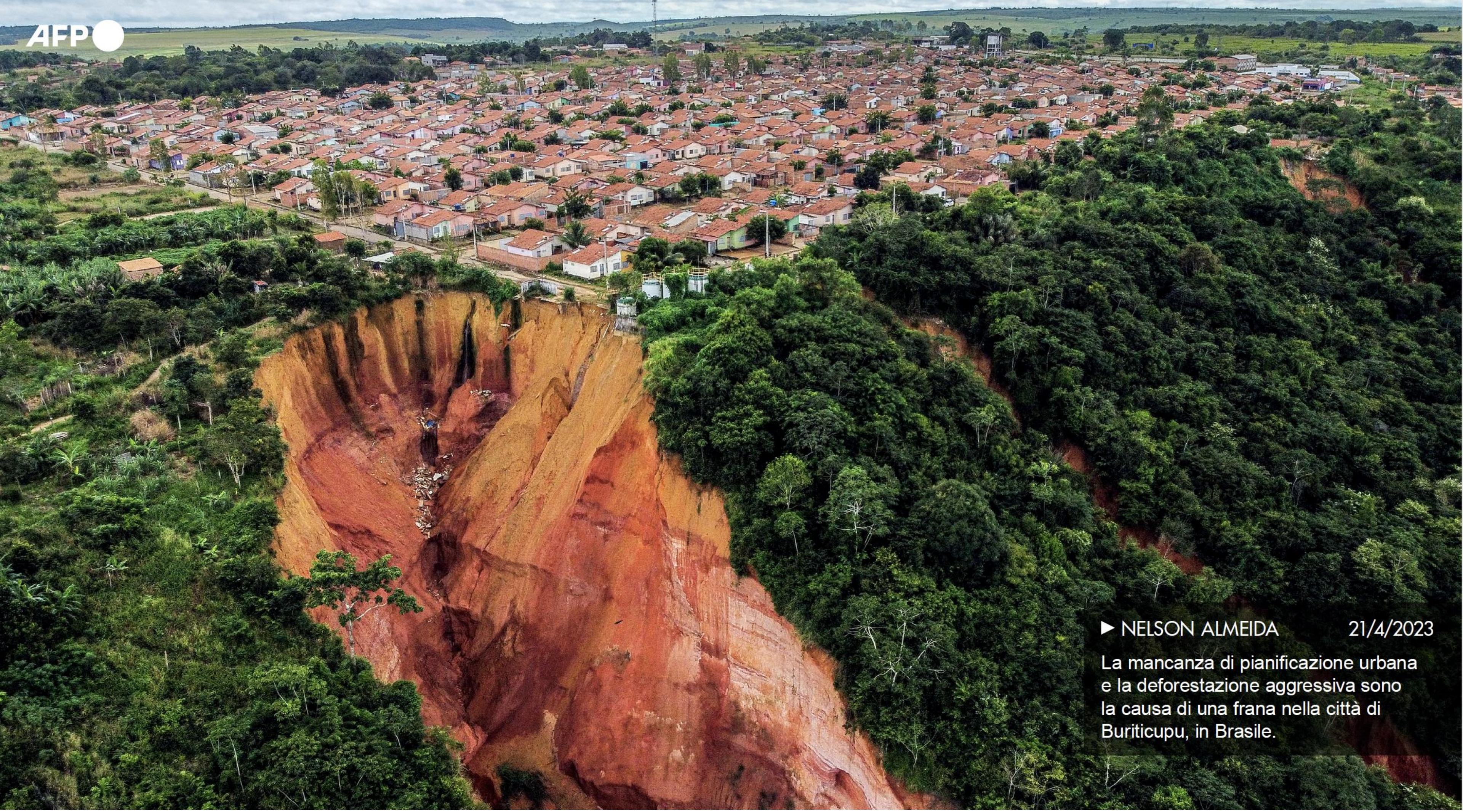
Piketty shows that modern economic growth and the diffusion of knowledge have allowed us to avoid inequalities on the apocalyptic scale predicted by Karl Marx. But we have not modified the deep structures of capital and inequality as much as we thought in the optimistic decades following World War II. The main driver of inequality—the tendency of returns on capital to exceed the rate of economic growth—today threatens to generate extreme inequalities that stir discontent and undermine democratic values. But economic trends are not acts of God. Political action has curbed dangerous inequalities in the past, Piketty says, and may do so again.

A work of extraordinary ambition, originality, and rigor, *Capital in the Twenty-First Century* reorients our understanding of economic history and confronts us with sobering lessons for today.





Johann Wolfgang Goethe
VIAGGIO IN ITALIA
1786-1788
introduzione e commento di Lorenza Rega
traduzione di Eugenio Zaniboni



▶ NELSON ALMEIDA 21/4/2023

La mancanza di pianificazione urbana e la deforestazione aggressiva sono la causa di una frana nella città di Buriticupu, in Brasile.

https://www.ivg.it/2021/12/danni-alluvione-santuario/

https://www.gardapost.it/2020/02/22/apertura-galleria-adige-garda/

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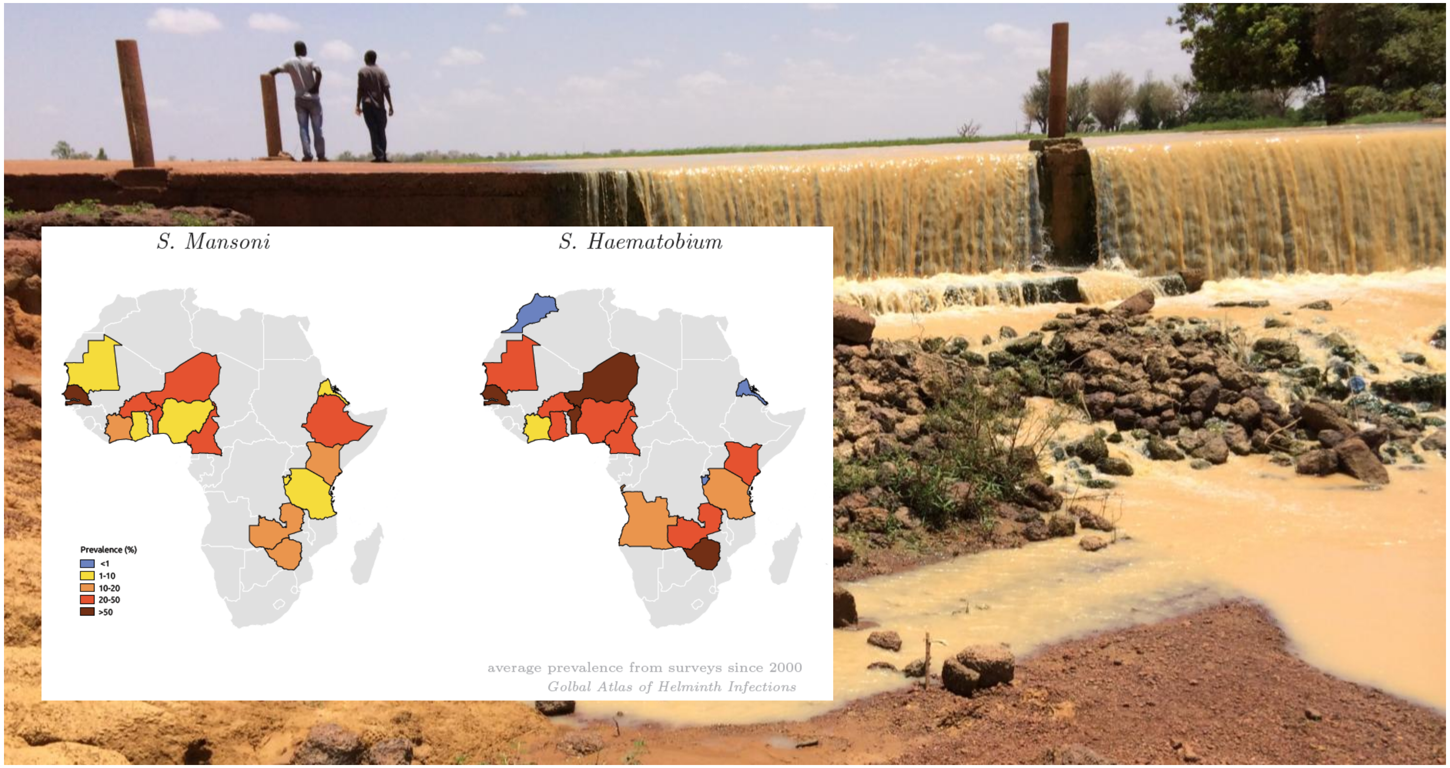
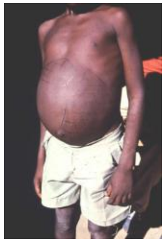
Schistosomiasis and water resources development: systematic review, meta-analysis, and estimates of people at risk

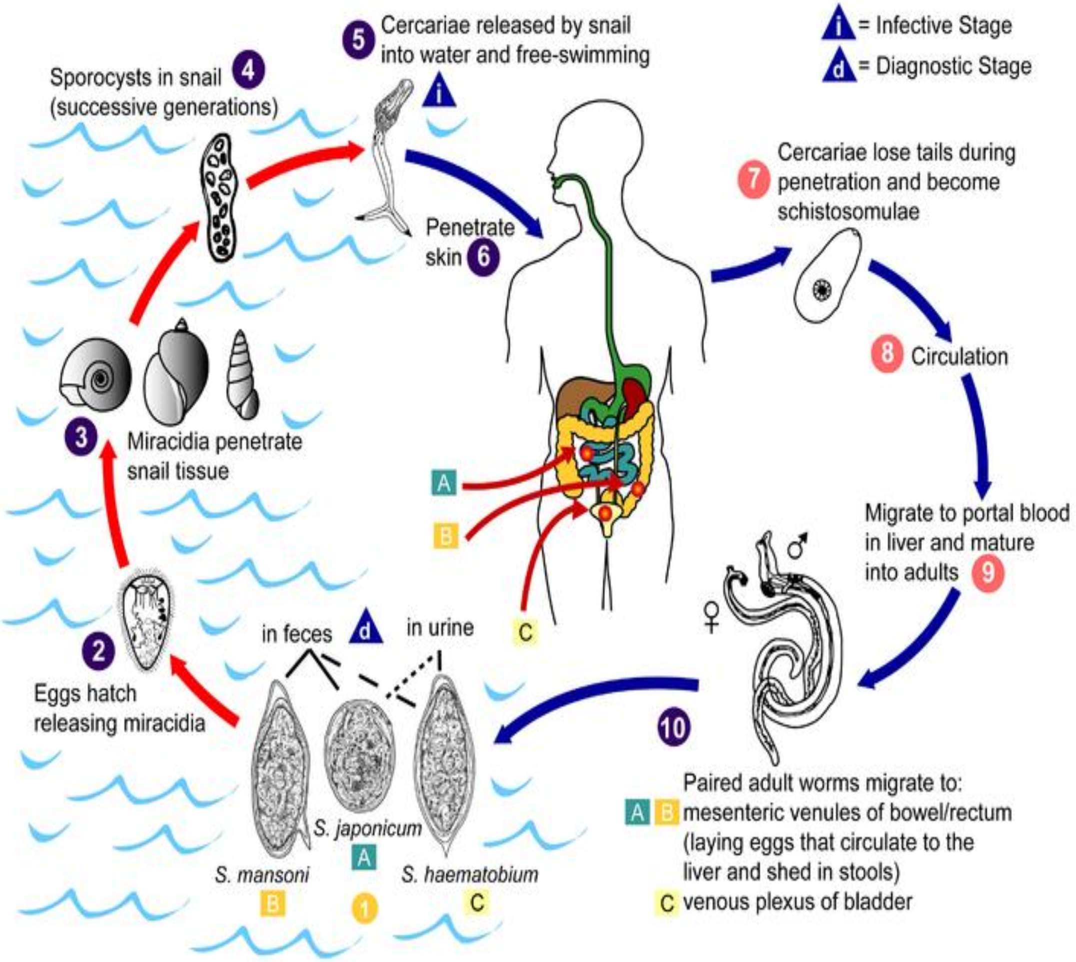
Peter Steinmann, Jennifer Keiser, Robert Bos, Marcel Tanner, Jürg Utzinger

Lancet Infectious Diseases, 14, 2006



average prevalence from surveys since 2000
Golbal Atlas of Helminth Infections





scistosomiasi (bilarzosi): il ciclo ecologico (CDC, 2010)

▶ ALEXANDER GRIR 21/10/2018

Un gruppo di orsi polari in cerca di cibo in una discarica vicino al villaggio di Beluš'ja Gubá, nell'arcipelago russo di Novaja Zemlja.