



## GEOGRAPHY – SIXTH FORM WIDER READING

(\* = In stock in the School Library)

### GENERAL

#### 10 Billion \*

Danny Dorling

ISBN-10: 1780334915

Before May 2011 the top demographics experts of the United Nations had suggested that world population would peak at 9.1 billion in 2100, and then fall to 8.5 billion people by 2150. In contrast, the 2011 revision suggested that 9.1 billion would be achieved much earlier, maybe by 2050 or before, and by 2100 there would be 10.1 billion of us. What's more, they implied that global human population might still be slightly rising in our total numbers a century from now. So what shall we do? Are there too many people on the planet? Is this the end of life as we know it?

Distinguished geographer Professor Danny Dorling thinks we should not worry so much and that, whatever impending doom may be around the corner, we will deal with it when it comes. In a series of fascinating chapters he charts the rise of the human race from its origins to its end-point of population 10 billion. Thus he shows that while it took until about 1988 to reach 5 billion we reached 6 billion by 2000, 7 billion eleven years later and will reach 8 billion by 2025. By recording how we got here, Dorling is able to show us the key issues that we face in the coming decades: how we will deal with scarcity of resources; how our cities will grow and become more female; why the change that we should really prepare for is the population decline that will occur after 10 billion.

#### 10 Billion \*

Stephen Emmott

ISBN-10: 0141976322

Ten Billion is a book about us.

It's a book about you, your children, your parents, your friends. It's about every one of us. It's about our failure: failure as individuals, the failure of business, and the failure of our politicians.

It is about an unprecedented planetary emergency.

It's about the future of us.

**Adventures in the Anthropocene: A Journey to the Heart of the Planet We Made**

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Gaia VINCE

ISBN: 9780099572497

“Winner of Royal Society Winton Prize for Science Books 2015 \*\* We live in epoch-making times. The changes we humans have made in recent decades have altered our world beyond anything it has experienced in its 4.6 billion-year history. As a result, our planet is said to be crossing into the Anthropocene - the Age of Humans. Gaia Vince decided to travel the world at the start of this new age to see what life is really like for the people on the frontline of the planet we've made. From artificial glaciers in the Himalayas to painted mountains in Peru, electrified reefs in the Maldives to garbage islands in the Caribbean, Gaia found people doing the most extraordinary things to solve the problems that we ourselves have created. These stories show what the Anthropocene means for all of us - and they illuminate how we might engineer Earth for our future.”

**The Earth: An Intimate History**

Richard Forty

ISBN-10: 0006551378

The paperback of the Sunday Times bestseller that reveals how the earth became the shape it is today. This book will change the way you see the world – permanently. The face of the earth, criss-crossed by chains of mountains like the scars of old wounds, has changed constantly over billions of years. Its shape records a remote past of earthquakes, volcanos and continental drift, and the ongoing subtle shifts that bring our planet alive. Richard Fortey introduces us to the earth's distinct character, revealing the life that it leads when humans aren't watching. He follows the continual movement of seabeds, valleys, mountain ranges and ice caps and shows how everything – our culture, natural history, even the formation of our cities – has its roots in geology. In Richard Fortey's hands, geology becomes vital and exhilarating and unmistakably informs our lives in the most intimate way.

**Geography: Ideas in Profile \***

Danny DORLING

ISBN: 978-1781255308

“In this incisive introduction to the subject, Danny Dorling and Carl Lee reveal geography as a science which tackles all of the biggest issues that face us today, from globalisation to equality, from sustainability to population growth, from climate change to changing technology - and the complex interactions between them all.”

Amazon

**Guns, Germs and Steel: A Short History of Everybody for the Last 13,000 Years**

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Jared DIAMOND

ISBN: 0099302780

In his Pulitzer Prize-winning book, Jared Diamond puts the case that geography and biogeography, not race, moulded the contrasting fates of Europeans, Asians, Native Americans, sub-Saharan Africans, and aboriginal Australians.

**Plows, Plagues and Petroleum: How Humans Took Control of Climate**

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William F. RUDDIMAN

ISBN: 978-1783962433

*Plows, Plagues, and Petroleum* is the first book to trace the full historical sweep of human interaction with Earth's climate. Ruddiman takes us through three broad stages of human history: when nature was in control; when humans began to take control, discovering agriculture and affecting climate through carbon dioxide and methane emissions; and, finally, the more recent human impact on climate change.

**Prisoners of Geography: Ten Maps That Tell You Everything You Need to Know About Global Politics**

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Tim MARSHALL

ISBN: 978-1783962433

All leaders are constrained by geography; their choices are limited by mountains, rivers, seas and concrete. To follow world events you need to understand people, ideas and movements - but if you don't know geography, you'll never have the full picture.

**The Power of Geography: Ten maps that reveal the future of our world**

Tim MARSHALL

ISBN: 978-17839660028

In this book, Marshall explores ten regions that are set to shape global politics in a new era of great power rivalry: Australia, Iran, Saudi Arabia, UK, Greece, Turkey, The Sahel, Ethiopia, Spain and Space. Delivered with wit, a lucid insight into the power of geography to shape humanities' past, present and future.

**Six Degrees: Our Future on a Hotter Planet \***

Mark Lynas

ISBN-10: 0007209053

An eye-opening and vital account of the future of our earth, and our civilisation, if current rates of global warming persist, by the highly acclaimed author of 'High Tide'.

Picture yourself a few decades from now, in a world in which average temperatures are three degrees higher than they are now. On the edge of Greenland, rivers ten times the size of the Amazon are gushing off the ice sheet into the north Atlantic. Displaced victims of North Africa's drought establish a new colony on Greenland's southern tip, one of the few inhabitable areas not already crowded with environmental refugees. Vast pumping systems keep the water out of most of Holland, but the residents of Bangladesh and the Nile Delta enjoy no such protection. Meanwhile, in New York, a Category 5-plus superstorm pushes through the narrows between Staten Island and Brooklyn, devastating waterside areas from Long Island to Manhattan. Pakistan, crippled by drought brought on by disappearing Himalayan glaciers, sees 27 million farmers flee to refugee camps in neighbouring India. Its desperate government prepares a last-ditch attempt to increase the flow of the Indus river by bombing half-constructed Indian dams in Kashmir. The Pakistani president authorises the use of nuclear weapons in the case of an Indian military counter-strike. But the biggest story of all comes from South America, where a conflagration of truly epic proportions has begun to consume the Amazon.

**The Vanishing Face of Gaia: A Final Warning**

James Lovelock

ISBN-10: 0141039256

James Lovelock's Gaia theory, the idea that our planet is a living, self-regulating system, has transformed the way we see our planet and what is now happening to it.

In this book he distils a lifetime's wisdom and observation of the Earth to reveal the rate at which our climate is altering, how conventional 'green' measures are not working, and how life as we know it is going to change forever. Only Gaia, he shows, can help us fully understand this, and prepare us for the future.

**Why Geography Matters More Than Ever \***

Harm DE BLIDJ

ISBN: 978-0199913749

In recent years our world has seen transformations of all kinds: intense climate change accompanied by significant weather extremes; deadly tsunamis caused by submarine earthquakes; unprecedented terrorist attacks; costly wars in Iraq and Afghanistan; a terrible and overlooked conflict in Equatorial Africa costing millions of lives; an economic crisis threatening the stability of the international system. Is there some way we can get our minds around these disparate global upheavals, to grasp these events and their interconnections, and place our turbulent world in a more understandable light? Acclaimed author Harm de Blij answers this question with one word: geography.

**SPECIFIC BY TOPIC**

**Development in an African context**

**Africa: Why Economists Get It Wrong**

Morten JERVEN

ISBN: 978-1783601325

**The Bottom Billion: Why the Poorest Countries are Failing and What Can Be Done About It \***

Paul COLLIER

ISBN: 9781783601325

**A Brief History of Globalization \***

Alex MACGILLIVRAY

ISBN: 9781845291860

**Emerging Africa: How the Global Economy's 'Last Frontier' Can Prosper and Matter \***

Kingsley Chiedu MOGHALU

ISBN: 978-0141979458

**Global Shift: Mapping the Changing Contours of the World Economy \***

Peter DICKEN

ISBN: 9781446282106

**Globalization and Its Discontents\***

Joseph STIGLITZ

ISBN: 9780141010380

**The World is Flat: The Globalized World in the Twenty-first Century \***

Thomas L. FRIEDMAN

ISBN: 9780141034898

**Global Migration**

**Exodus: How Migration is Changing Our World \***

Paul COLLIER

ISBN: 9780190231484

**The Lightless Sky: My Journey to Safety As a Child Refugee \***

Gulwali PASSARLAY

ISBN: 9781782398479

**The No-Nonsense Guide to International Migration \***

Peter STALKER

ISBN: 9781904456940

**Peoplequake: Mass Migration, Ageing Nations and the Coming Population Crash\***

Fred Pearce

ISBN-10: 190581139X

Wherever we look, population is the driver of the most toxic issues on the political agenda. But the population bomb is being defused. Half the world's women are having two children or fewer. Within a generation, the world's population will be falling. And we will all be getting very old. So should we welcome the return to centre stage of the tribal elders? Or is humanity facing a fate worse than environmental apocalypse?

Brilliant, heretical and accessible to all, Fred Pearce takes on the matter that is fundamental to who we are and how we live, confronting our demographic demons.

**Population and Migration (AS/A2 Geography: Contemporary Case Studies) 2<sup>nd</sup> edition \***

Michael WITHERICK

ISBN: 9781444119824

**Global Oceans**

**The Geopolitics of Deep Oceans \***

John HANNIGAN

ISBN: 9780745680194

**Junk Raft: An Ocean Voyage and a Rising Tide of Activism to Fight Plastic Pollution**

Marcus ERIKSEN

ISBN: 9780807056400

**Who Rules the Waves? Piracy, Overfishing and Mining the Oceans**

Denise RUSSELL

ISBN: 978-0745330044

## **Water Cycles**

### **Virtual Water: Tackling the Threat to Our Planet's Most Precious Resource \***

Tony ALLAN

ISBN: 9781845119843

### **When the Rivers Run Dry: What Happens When Our Water Runs Out?**

Fred PEARCE

ISBN: 9781903919583

## **Carbon Cycles**

### **England's Peatlands: Carbon Storage and Greenhouse Gases (NE257)**

Natural England

Available at: <http://publications.naturalengland.org.uk/publication/30021>

(Accessed: 25 October 2017).

### **Scotland's Peatland – Definitions and Information Resources**

Scottish Natural Heritage Commissioned Report No. 701

Available at: [http://www.snh.org.uk/pdfs/publications/commissioned\\_reports/701.pdf](http://www.snh.org.uk/pdfs/publications/commissioned_reports/701.pdf)

(Accessed: 25 October 2017).

### **A Strategic Assessment of the Afforested Peat Resource in Wales**

Elena VANGUELOVA, Samantha BROADMEADOW, Russell ANDERSON et al.

Available at: <https://www.forestry.gov.uk/fr/INFD-8Z7BSH> (Accessed: 25 October 2017).

## **Prisoners of Geography**

Tim Marshall

**Not the end of the World**

**ISBN: 9781784745004**

Hannah Ritchie

**Feeling anxious, powerless or confused about the future of our planet? This book will transform how you see our biggest environmental problems -- and how we can solve them**

We are bombarded by doomsday headlines that tell us the soil won't be able to support crops, fish will vanish from our oceans, that we should reconsider having children.

But in this bold, radically hopeful book, data scientist Hannah Ritchie argues that if we zoom out, a very different picture emerges. The data shows we've made so much progress on these problems, and so fast, that we could be on track to achieve true sustainability for the first time in history.

Packed with the latest research, practical guidance and enlightening graphics, this book will make you rethink almost everything you've been told about the environment, from the virtues of eating locally and living in the countryside, to the evils of overpopulation, plastic straws and palm oil. It will give you the tools to understand what works, what doesn't and what we urgently need to focus on so we can leave a sustainable planet for future generations.

*Last updated: 08 January 2024*