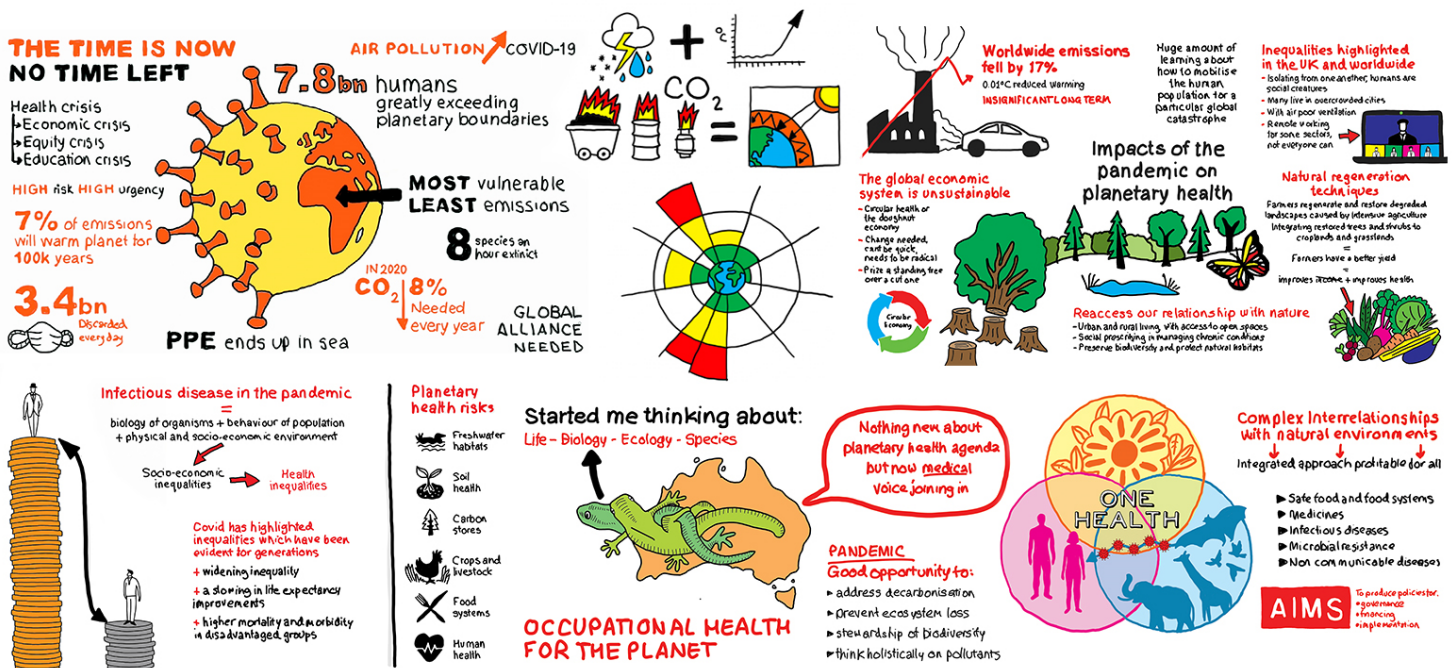


Planetary health through the lens of the pandemic

- Episode 9

Reading List



Find out more about the work of our illustrator for the session here: www.jamesnicholls.net

Download a high quality version of the illustration [here](#).

RSM Library Resources List

Amuasi, J. et al. [Reconnecting for our future: The Lancet One Health Commission](#) Lancet 2020 395(10235) 1469-1471. Available through PubMed Central.

Boriani, E. et al. [Pragmatic Use of Planetary Health and Nature-Based Solutions for Future Pandemics Using COVID-19 Case Scenario](#) Frontiers in Public Health 2021 9 620120. Available through PubMed.

Budd, J. et al. [Digital technologies in the public-health response to COVID-19](#) Nature Medicine 2020 26(8) 1183-1192. Available to RSM members via RSM online.

Fisher, MC, et al. [Emerging infections and the integrative environment-health sciences: the road ahead](#) Nature Reviews. Microbiology 2021 19(3) 133-135. Available through PubMed Central.

Gruetzmacher, K. et al. [The Berlin principles on one health – Bridging global health and conservation](#) The Science of the Total Environment 2021 764 142919. Available through Elsevier.

He, B. et al. [Effectiveness and resource requirements of test, trace and isolate strategies for COVID in the UK](#) Royal Society Open Science 2021 8(3) 201491. Available through PubMed Central.

Planetary health through the lens of the pandemic

- Episode 9

Reading List

Jowell, A. et al. [COVID-19: A Matter of Planetary, not Only National Health](#) American Journal of Tropical Medicine & Hygiene 2020 103(1) 31-32. Available through PubMed Central.

Lewis, B. [Planetary Health Humanities—Responding to COVID Times](#) Journal of Medical Humanities 2021 42(1) 3-16. Available through PubMed Central.

Murray, KA. et al. [Tracking infectious diseases in a warming world](#) BMJ 2020 371 m3086. Available through PubMed Central.

Petrikova, I. et al. [COVID-19, wet markets, and planetary health](#) Lancet Planetary Health 2020 4(6) e212-e214. Available through PubMed Central.

References from speakers

Cambridge University Press, [Corona and the climate: a comparison of two emergencies](#)

Corona Sustainability Compass, Sabine Gabrysch: [The black toe and the virus: A wake-up call for planetary health](#)

BMJ, [Integrating climate action for health into covid-19 recovery plans](#)

BMJ, Anne Johnson: [An open letter to the new president of the Academy of Medical Sciences on the future of the Academy](#)

Gavi, [5 reasons why pandemics like COVID-19 are becoming more likely](#)

Global Environment Change, [Changes in the global value of ecosystem services: Notes from Kris Murray: "Some stats on the overarching "value" of nature for people \(following Dasgupta review thread\), which underpins much of the Planetary Health priorities: although it's very early days in terms of quantification, some \[experts\]\(#\) place the value of global ecosystem services at about \\$125-140 trillion, or roughly 2 x global GDP \(2007 dollars\), while the loss of this value PER YEAR due to environmental degradation is estimated at approx \\$4-20 trillion. In comparison, the economic cost of Covid is put at about \\$5-10 trillion by current \[estimates\]\(#\).](#)

"In DALY terms, [estimates](#) suggest Covid has been as impactful as 3-35 natural disasters (annualised) depending on region. It's not the most intuitive comparison, but with ecosystem service loss and climate change exacerbating the impacts, frequency and magnitude of many disasters, it doesn't take very long for the cumulative costs of nature degradation to outstrip Covid. That's not to detract from the importance of Covid, but just to use it as an illustrative comparison."

GOV.UK, [Final Report - The Economics of Biodiversity: The Dasgupta Review](#): Final Report of the Independent Review on the Economics of Biodiversity led by Professor Sir Partha Dasgupta.

[Green Climate Fund](#): Notes from Kris Murray: "You may recall this is the instrument that is being used to amass funding (ambitions of \$100 billion per year, a target which is yet to be met) for climate change adaptation activities from developed to developing countries under the Paris Agreement. E.g., we have a \$25 million investment from GCF in the Gambia to support "ecosystem-based adaptation" projects, which are related to nature-based solutions that Penny mentioned. While these support the planetary health agenda, they rarely include health specifically. I find this very interesting



Planetary health through the lens of the pandemic - Episode 9

Reading List

and I think reflects a general disconnect that still persists between sustainability/environmental and medical/public health circles. Of course other schemes/frameworks clearly integrate health (e.g., SDGs) but this integration is a long and ongoing challenge.”

inVIVO, [A collaborative network for Planetary Health](#)

Lancet, [Safeguarding human health in the Anthropocene epoch: report of The Rockefeller Foundation – Lancet Commission on planetary health](#)

Lancet, John Amuasi: [One Health or Planetary Health for pandemic prevention?](#)

Lancet, John Amuasi: [Calling for a COVID-19 One Health Research Coalition](#)

Lancet, John Amuasi: [Reconnecting for our future: The Lancet One Health Commission](#)

Lancet, Sabine Gabrysch: [Imagination challenges in planetary health: re-conceptualising the human-environment relationship](#)

Lancet, Sabine Gabrysch: [A pledge for planetary health to unite health professionals in the Anthropocene](#)

LSHTM, [Centre on Climate Change & Planetary Health](#)

Lead Foundation, [Example of nature based solutions using Farmer Managed Natural Regeneration in Tanzania](#)

Met Office, [Definition of Climate Change](#)

NHS, [Delivering a net zero NHS](#)

NHS England, [Green social prescribing](#)

OCED, [Focus on green recovery: Notes from Kris Murray: “This shows the degree/type of recovery investment that is perceived positive \(from a sustainability perspective\), neutral and negative.”](#)

Open University, [Comparing COVID-19 with our climate emergency](#)

Planetary Health Alliance, [Communicating the Impacts of Climate Change through Art and Dance](#)

Science, [Ecology and economics for pandemic prevention](#)

Stockholm Resilience Centre, [Planetary boundaries framework](#)

UN [Only 11 Years Left to Prevent Irreversible Damage from Climate Change, Speakers Warn during General Assembly High-Level Meeting](#)

UN Refugee Agency, [Climate change and displacement](#)

UN Environment Programme, [Six nature facts related to coronaviruses](#)



Planetary health through the lens of the pandemic - Episode 9

Reading List

UN Refugee Agency, [Climate change and displacement](#)

UN Sustainable Development Goals, [Farmer Managed Natural Regeneration \(FMNR\): a technique to effectively combat poverty and hunger through land and vegetation restoration](#)

UNFCCC Race to Zero, [Interview with Dr Claire Bayntun](#)

WHO, [Climate change](#)

Wildlife Trust, [In Conversation with Dasgupta](#)

YouTube, Sabine Gabrysch: [A Planetary Health perspective on the climate crisis and COVID-19, Sabine Gabrysch](#)

YouTube, [University of Minnesota School of Nursing's Planetary Health Pledge](#)

YouTube, [Planetary Health Pledge](#)