Resources for XR Activists 11

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**SPECIAL EDITION**

Sorry for long delay between editions of this occasional resources bulletin, This one is exclusively on the IPCC report issued in February, offering many analyses of its content:

***IPPC Report issued 28.2.2022. Summaries of brief reports about its content, compiled by the Nuclear Free Local Authorities list:***

\*\*Climate\*\*

Climate breakdown is accelerating rapidly, many of the impacts will be

more severe than predicted and there is only a narrow chance left of

avoiding its worst ravages, the Intergovernmental Panel on Climate Change

(IPCC) has said. Even at current levels, human actions in heating the

climate are causing dangerous and widespread disruption, threatening

devastation to swathes of the natural world and rendering many areas

unliveable, according to the landmark report published on Monday. “The

scientific evidence is unequivocal: climate change is a threat to human

wellbeing and the health of the planet,” said Hans-Otto Pörtner, a

co-chair of working group 2 of the IPCC. “Any further delay in concerted

global action will miss a brief and rapidly closing window to secure a

liveable future.”

Guardian 28th Feb 2022

<https://www.theguardian.com/environment/2022/feb/28/ipcc-issues-bleakest-warning-yet-impacts-climate-breakdown>

IPCC climate report - live: ‘Atlas of human suffering’ shows how

crisis will impact billions across world.

Independent 28th Feb 2022

<https://www.independent.co.uk/climate-change/news/ipcc-climate-report-updates-un-b2024751.html>

IPCC report: 10 key findings from major global climate assessment.

Independent 28th Feb 2022

<https://www.independent.co.uk/climate-change/news/ipcc-un-report-ten-findings-b2024549.html>

Climate crisis poses global risk to biodiversity causing mass mortality

events and threatening food shortages, IPCC report warns.

Independent 1st March 2022

<https://www.independent.co.uk/climate-change/news/ipcc-biodiversity-food-shortages-extinctions-b2025086.html>

Climate change: Scientists warn food and water supplies around the world

could collapse unless action is taken. The world has only a “brief and

rapidly closing window” to prevent irreversible climate impacts that

threaten to destroy ecosystems and plunge society into chaos.

iNews 28th Feb 2022

<https://inews.co.uk/news/climate-change-scientists-warn-food-and-water-supplies-around-the-world-could-collapse-unless-action-is-taken-1487993>

Climate change could see three quarters of the world's population exposed

to "deadly heat stress" by the end of the century, a UN report has warned.

Continued high carbon emissions would lead to three quarters of people

exposed to life-threatening heat, with half experiencing this even if

emissions are cut, up from the current level of 30 per cent, the report

said. The world has missed its chance to entirely avoid the effects of a

warming world, the Intergovernmental Panel on Climate Change warned, and

governments and businesses need to shield people and nature from its worst

impacts and secure a "liveable future". The finding, from a study published

in the journal Nature Climate Change, was based on projections of the

number of days when temperatures would exceed 37C or humidity would leave

people unable to cool themselves through sweating, meaning their bodies

absorb more heat than they can tolerate. Under the highest-emission

scenario this would happen on over 350 days in some parts of Africa, Asia

and South America, in areas which historically have experienced these

conditions for 100 days or fewer.

Telegraph 28th Feb 2022

<https://www.telegraph.co.uk/news/2022/02/28/fifth-rain-coming-britain-stark-un-climate-change-report-warns/>

The world faces unavoidable and worsening climate hazards over the next

two decades as global temperatures are driven up by to human activity, with

"irreversible impacts" on humans and ecosystems expected even if the global

economy achieves the unprecedented feat of only marginally overshooting the

1.5C temperature goal agreed by governments. Meanwhile, worst case

scenarios where temperatures spiral past the 2C goal set in the Paris

Agreement could result in widespread loss of productive agricultural land,

every second known plant or animal species threatened, and catastrophic

socio-economic impacts as countries wrestle with rising sea levels, floods,

droughts, deadly heatwaves, food shortages, and migration.

Business Green 28th Feb 2022

<https://www.businessgreen.com/news/4045629/grave-mounting-threat-ipcc-raises-alarm-climate-impacts-proving-worse-feared>

Climate change causing widespread and irreversible impacts, says IPCC. A

new report by the Intergovernmental Panel on Climate Change says that up to

3.6 billion people are highly vulnerable to climate change, largely from

extreme heat, heavy rainfall, drought and fire.

New Scientist 28th Feb 2022

<https://www.newscientist.com/article/2309795-climate-change-causing-widespread-and-irreversible-impacts-says-ipcc/>

The Sixth Assessment Report from the IPCC’s Working Group 2 warns that

historic failures to cut emissions and slow progress on adaptation efforts

have left more than 3.3 billion people – half of the world’s population

– “highly vulnerable” to the impacts of the climate crisis. It

predicts that the world is likely to exceed 1.5C of warming on

pre-industrial temperatures in the “near-term” on the current

trajectory. The report does state that the temperature could be brought

down in the future if “transformational” action is taken, but even a

temporary breach of 1.5C would be fatal for millions and wipe billions off

of the global economy, largely due to extreme weather events and public

health impacts.

Edie 28th Feb 2022

<https://www.edie.net/news/9/IPCC--Half-of-global-population--highly-vulnerable--to-climate-crisis-impacts/>

COP President Alok Sharma, COP 27 President Designate Sameh Shoukry and

UNFCCC Executive Secretary Patricia Espinosa's joint statement on the IPCC

Working Group 2 Report, which assesses the impacts, adaptation and

vulnerabilities related to climate change.

Cabinet Office 28th Feb 2022

<https://www.gov.uk/government/news/joint-statement-from-uk-egypt-and-unfccc-in-response-to-ipcc-working-group-2-report>

The impacts of the climate crisis are proving much worse than predicted,

and governments must act more urgently to adapt to them or face global

disaster, the UK president of the UN climate talks has warned on the eve of

a landmark new scientific assessment of the climate. Alok Sharma, who led

the Cop26 climate summit last year, said: “The changes in the climate we

are seeing today are affecting us much sooner and are greater than we

originally thought. The impacts on our daily lives will be increasingly

severe and stark. We will be doing ourselves and our populations a huge

disservice if we fail to prepare now, based on the very clear science

before us.”

Guardian 28th Feb 2022

<https://www.theguardian.com/environment/2022/feb/28/impact-of-climate-crisis-much-worse-than-predicted-says-alok-sharma>

Limiting global warming to 1.5°C would still cause “unavoidable

increases in multiple climate hazards” for the 3.3 to 3.6 billion people

whose living conditions make them vulnerable to those impacts, the

Intergovernmental Panel on Climate Change (IPCC) reports, in an exhaustive

overview of the latest science on climate impacts and adaptation strategies

released today.

Energy Mix 28th Feb 2022

<https://www.theenergymix.com/2022/02/28/breaking-3-3-billion-people-highly-vulnerable-1-5c-still-brings-unavoidable-hazard-as-brief-window-for-climate-action-rapidly-closes/>

The threat that climate change poses to human well-being and the health of

the planet is “unequivocal”, says the latest report from the United

Nations’ Intergovernmental Panel on Climate Change (IPCC). The expansive

review – which forms the second part of the IPCC’s sixth assessment

report (AR6) – warns that any further delay in global action to slow

climate change and adapt to its impacts “will miss a brief and rapidly

closing window of opportunity to secure a liveable and sustainable future

for all”. The report follows the publication of the first part of AR6,

released in August last year, which set out how and why the Earth’s

climate is changing. Over the past two weeks, government delegations have

been meeting during a two-week online approval session to agree on the

high-level “summary for policymakers” section.

Carbon Brief 28th Feb 2022

<https://www.carbonbrief.org/in-depth-qa-the-ipccs-sixth-assessment-on-how-climate-change-impacts-the-world>

A new report released this week by the UN's Intergovernmental Panel on

Climate Change (IPCC) looks at the causes, impacts and solutions to climate

change. The report gives the clearest indication to date of how a warmer

world is affecting all living things on Earth. Here are five things we

learnt from it. 1- Things are way worse than we thought; 2 - Loss and

damage gets scientific backing; 3 - Technology is not a silver bullet; 4 -

Cities offer hope; 5 - The small window is closing fast.

BBC 1st March 2022

<https://www.bbc.co.uk/news/science-environment-60541816>

The world faces a growing ecological and humanitarian crisis, as climate

change drives increases in the frequency and intensity of “unavoidable”

extreme weather events, including drought, floods, bushfires and sea-level

rise, a new UN-backed report has detailed.

Renew Economy 28th Feb 2022

<https://reneweconomy.com.au/ipcc-warns-world-faces-unavoidable-multiple-climate-hazards-2/>

As we lurch from one international crisis to another, most recently from

COVID-19 to rising fuel prices to the invasion of Ukraine, climate change

is pushed down the priority list. But roughly every 6 years thousands of

scientists and experts compile the most up-to-date data on the greatest

threat humanity faces in the 21st century. This week, the IPCC released the

findings from the second working group of its sixth such report. It focuses

on how climate change is already impacting us and our planet, our ability

to adapt to a changing climate and the hazards that lie ahead. The findings

are stark. We need to act urgently. As UN Secretary-General António

Guterres commented, “Every fraction of a degree matters. Every voice can

make a difference. Every second counts”. Developed countries urgently

need to step up support for vulnerable countries to manage the impacts of

climate change through investment in adaptation and resilience.

E3G 1st March 2022

<https://www.e3g.org/news/the-latest-ipcc-report-is-clear-the-world-can-no-longer-afford-to-ignore-climate-risk/>

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