



Into the Autumn

Recent extreme weather events are a reaffirmation that the work of Scientists for XR is so important. Therefore, as we leave our temperate summer behind, we focus on 'No New Oil'. We will engage with our MPs when they return to Westminster. We will lend support to other campaigns such as The Oil Party is Over. We will pursue our fossil-fuelled Science Museum until they cease their inappropriate relationships.

ACTIONS & EVENTS

Join scientists at Parliament on Monday 4th September

MPs return to Westminster on Monday 4th September. Imagine on that day hundreds of scientists at the seat of power, there to urge our elected leaders to stand against the acceleration of fossil-fuelled climate breakdown and for the protection of life on Earth.

During Parliament's recess, the Prime Minister approved 100 new drilling licences in a reckless effort to "max out" North Sea oil and gas production. As we know, **expanding fossil fuel production adds fuel to the fires that are already raging** - it ignores the UK's climate commitments and shows disregard for the dire consequences that burning these new fossil fuels will have on people and countless other species here and around the world.

This is a pivotal moment and we invite scientists to join together to send a clear message to our elected representatives: that science says new oil and gas = death. In collaboration with [The Oil Party is Over](#) Campaign [led by Chris Packham](#), we are preparing our

strongest, clearest messaging and compelling our elected representatives to engage with the science that's so often ignored or obscured, all of this culminating in the largest presence of scientists outside Parliament on Monday 4th September. Let's make sure every MP knows what's at stake, and that we can't - and won't - stand by as short-term political and financial aspirations are prioritised ahead of our collective survival.

Let us know if you can join on the 4th September and if you can support the campaign in other ways via [this webform](#). Let's also spread this invitation to scientists all over the country, because we are strongest when we work together.



[JOIN THE CAMPAIGN](#)

UPDATES

Climate-Focused Undergraduate Project



At our July monthly meeting, Stuart gave an overview of the '1 in 5 project'. With half a million students graduating annually, if one out of every five students pursued a project related to climate or biodiversity, the collective impact could be immense.

The initiative empowers students to channel their concerns about the environment into actionable projects, thus giving them a sense of agency. Statistical implications suggest a high percentage of these students might continue to work in this crucial field, amplifying the initiative's long-term benefits.

With 100,000 students potentially discussing their projects, the message about the urgency and importance of addressing climate issues gets disseminated confidently. Efforts are underway to coordinate these projects under the banner of the 'many labs project', encouraging multi-disciplinary collaboration.

Get Involved: The project's team is actively seeking support. Ways to help include spreading the word, adopting this approach if you're an academic, and offering expertise from any scientific domain.

[MORE INFO](#)

Scientists say Just Stop Oil



On 18th July, scientists joined Just Stop Oil to demand an end to the UK Government licensing of new oil and gas.

No New Oil

Scientists for XR member, Aaron Thierry (top right), working hard on BBC News to explain the absurdity of the UK Government's licensing of new oil and gas.



[WATCH](#)

Camping weekend

A collection of scientists for XR went for a weekend in the Cotswolds. Despite the rain and a non-existent path that was followed in the woods, the group saw many types of moth, deadly nightshade, and other woodland delights and enjoyed an excellent vegan curry.



CAMPAIGNS

Science Museum Fossil Fuels

As the launch of the Adani-sponsored Energy Revolution Gallery approaches, our campaign, backed by 11 groups, now intensifies. We are trying to engage the Science Museum trustees. They need to answer some crucial questions that highlight a [series of manipulation and deception](#) from the museum management. The [latest answer](#) from the chair received in early July is as disappointing as the previous one.



credit: Denise Laura Baker

[MORE INFO](#)

TALKS & TRAINING

Oily Money Out - Learn and Join

It's seven weeks to Oily Money Out, the mass action to shut down the infamous Oil and Money conference.

Between 14th and 20th October, the largest names in the fossil fuel industry will gather for the exclusive Oil and Money summit, nicknamed the 'Oscars of Oil'. CEOs of Shell, Total, Saudi Aramco and Equinor will be there, schmoozing with the chair of the COP28 climate talks. Let's shut down this oily stitch-up.

[Join the next launch call](#) by Fossil Free London on Wednesday 30th September at 7.00pm BST. Learn about the campaign, the strategy, the logistics, and how you can get involved. There will be spicy and non-spicy actions to choose from. Accommodation and travel money are available.



[MORE INFO](#)

LATEST RESEARCH & SCIENCE

'Extreme heat in North America, Europe and China in July 2023 made much more likely by climate change'

M. Zachariah, et al., FEL, 2023

Through analysis of the northern hemisphere's 2023 summer, the authors explain that heatwaves, intensified by human-induced climate change, are becoming more frequent in regions like North America, Europe, and China. Without human influence, such extreme heat events would have been exceedingly rare. They discuss how implementing heat action plans can significantly reduce heat-related mortality, especially in the context of ongoing urbanisation and ageing populations.

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'Warning of a forthcoming collapse of the Atlantic meridional overturning circulation'

P. Ditlevsen, S. Ditlevsen, Nat Commun, 14, 4254, 2023.

In case you missed this much-discussed paper, this article in Nature Communications forecasts a slowing of the Atlantic Meridional Overturning Circulation (AMOC) during this

'International Energy Politics in an Age of Climate Change'

J.D. Colgan and M Hinthorn, Annu. Rev. Polit. Sci. 2023.26:79-96

A political science viewpoint. This republished review illustrates a dual perspective in political science on climate action: some views express scepticism about the swift move away from fossil fuels, but a rich body of research offers solutions for a clean energy transition, as exemplified by the U.S. 2022 Inflation Reduction Act.

[READ PAPER](#)

'Antarctic extreme events'

M. Siegert, et al. Front. Environ. Sci., 11, 2023

Antarctica is experiencing unique events such as dwindling sea ice, intense heatwaves, and ice shelf collapses. This review concludes that these events will become more pronounced, leading to global coastal flooding. Table 1 provides a visual summary of Antarctic extreme events.

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century. It highlights non-linear responses to climate change, which are models in which we cannot be sure what degree of warming will cause key aspects of the Earth system to change.

[READ ARTICLE](#)

SEE YOU AT THE MONTHLY MEETINGS

The link for all monthly meetings is

<https://us02web.zoom.us/j/89414421318?pwd=WHdqSFN3WkNKOUUxMDVpQ1FsMENTdz09> . Dates and times are posted on WhatsApp and Signal along with this URL.