

## **Climate and Nature Leadership Programme: Climate Science 101**



Joint event by the Environment APPG and Climate APPG

8<sup>th</sup> October 2024

- In attendance: Luke Murphy MP (chair), Ellie Chowns MP, Deirdre Costigan MP, Ewan Cameron MP, Ali Strathern MP, Lord Lilley MP, Baroness Vere MP, Bill Esterson MP, Katie White MP, Andrew Lewin MP, Claire Hughes MP, Earl Russell, Richard Foord MP, Gideon Amos MP, Anna Gelderd MP, Charlotte Cane MP, Brian Matthew MP, Gwen Buck (Climate APPG secretariat), Alice Watson (Climate APPG secretariat), Estelle Limon (Climate APPG secretariat), Zoe Avison (Climate APPG secretariat), Lucy Pegg (Environment APPG secretariat)
- Speakers: Jim Skea, Chair of the IPCC; Dr Friederike Otto, Senior Lecturer in Climate Science at Grantham Imperial; Dr Emily Shuckburgh, Director of Cambridge Zero
- Jim Skea, Friederike Otto and Emily Shuckburgh gave MPs and peers an overview of the latest climate science, including the concerning outlook painted by forecasts for our changing climate. They particularly highlighted the need for far more climate finance, for the global north to meet its funding pledges, and for more private finance. They reflected that a lot of the work on energy has been done, especially in the EU, China and US, and the focus now needs to move towards decarbonising land use, transport and adaptation.
- MPs asked the scientists questions across a broad range of areas. They asked how more private finance can be encouraged; the optimum role for Carbon Capture and Storage; how to do the agricultural transition better; how to deal with heat island effects in cities; the potential for cabinet-level responsibility for adaptation; pragmatic solutions for raising climate finance; and, the relationship between poverty and climate change.