

**U3a Name** East Suffolk (Updated 2024)

**Group Title** Climate Change

**Group Formed** 2010

**Leader Name(s)** Ian Hawker

**Contact Details** [ianhawker101@gmail.com](mailto:ianhawker101@gmail.com)

**Format** We have a monthly group meeting consisting of (1) a presentation on a climate topic (see below) (2) news update and (3) member contributions. Some of the group are involved in local climate related activities and one of us Charles Croydon is the local UN representative on climate.

#### List of Talks

	<b>Talk Title</b>	<b>Content</b>	<b>Duration</b>
1	Overview	Impact of climate change worldwide, international activities, UK response & what individuals can do	60 min
2	Adapting to Climate Change	Preparing the UK for inevitable climate change	45 min
3	Regenerative agriculture	Making agriculture more resilient to climate change	45 min
4	Oceans & Climate Change	Impact of Arctic & Antarctic melting on sea levels and food supply. Exploitation of ocean resources.	45 min
5	Buildings, concrete & steel	Building for net zero using low carbon concrete & steel	45 min
6	World Health & Climate Change	Climate change affects health through heat, access to safe drinking water, sufficient food & secure shelter	45 min
7	Wind Power	The cheapest UK energy source impact & development	45 min
8	Climate Tipping Points	What they are and how they could affect the rate of global warming	45 min
9	Energy Storage	Energy storage in renewable systems	45 min
10	Biodiversity	Impact of climate change on biodiversity	45 min
11	Climate Modelling	Predicting future climate change	45 min
12	Nuclear Energy	Why nuclear & nuclear technology developments	45 min
13	Hydrogen	Opportunities for hydrogen power	45 min
14	Geoengineering	Climate change mitigation next 300 years	45 min
15	Net Zero Economics	What will Net Zero cost the UK? World economics	45 min
16	Hydro, Tidal & Wave Power	Has tidal and wave power arrived at last?	45 min
17	Solar Energy	Future Solar Technology & Applications	45 min
18	Transport	Development of cars, trucks, trains & aircraft for net	45 min

		zero emissions	
19	Waste	Reuse, Recycling & Repair	45 min
20	Geothermal Energy	How we can use the Earths vast supply of geothermal energy	45 min
21	Climate & AI	Use of artificial intelligence in trhe fight against climate change	45 min