

u3a Name	<b>Seaford</b>
Group Title	Climate Change
Group Formed	2019
Leader Name(s)	Robert Plank
Contact Details	<u><a href="mailto:rplank01@btinternet.com">rplank01@btinternet.com</a></u>
Format	Annual courses of four weekly two hour sessions, leading up to the UN COP for that year. Presentation followed by discussion.

### Topics Covered

- Science and Solutions (2019) - What is climate, the basic science, feedbacks, recent climate change and 400 ppm of CO<sub>2</sub>, the cryosphere and permafrost, ocean acidification, the Anthropocene, deforestation, mitigation, adaptation and geoengineering, renewables, climate change and the food system (and global food security), sustainable agricultural practices, biochar and BECCS, strengthening carbon sinks and the biosphere, the built environment, the future of cities and their water supply.
- Further material came from internet and included Greta Thunberg 'speech to COP25, The Carbon Map, a Guardians report on pollution by the oil companies, Dame Julia Slingo's 2018 Sir Thomas Gresham annual lecture, an Alice Bows Larkin lecture: *Climate change is happening, here is how we adapt*, a Jenifer Wicox TED talk *A new way to remove CO<sub>2</sub> from the atmosphere*, Ecosia on 'is everyone getting tree planting wrong', the film *The Race is On*, the issue of public consent and handouts from the Climate Change Committee (CCC)'s 2019 report to Parliament.
- Climate Change: What you can do to help (2021) - Education (what you need to know), examining your individual carbon footprint and what you can do to reduce it, carbon - offsetting your carbon footprint, spreading the word to others, joining campaigns and lobbying, and holding the Government to account for its actions and inactions, covering on the way - pitfalls, diversions, red herrings and irrelevancies.
- Climate change – where do we go from here? (Planned for 2022) - Technology and technological solutions, Citizen Power with reference to the UK Climate Assembly, Education, consent and social engineering, Diplomacy