| U3a Name | Carlisle and District |
| :--- | :--- |
| Group Title | Environmental Discussion |
| Group Formed | 2009 |
| Leader Name(s) | Barbara Sanderson |
| Contact Details | $\underline{\text { barbara.sanderson.99@gmail.com }}$ |
| Format | Mttps://u3asites.org.uk/carlisle/page/11650 <br> house speakers, numerous trips |

Some of the topics covered by our group:
Water (e.g. water management problems and solutions in Cumbria).
Oceans (problems caused by warming and sea level - ocean transport - pollution - local Marine Conservation Zones).
Energy (e.g. renewable sources, energy storage, nuclear energy and the increased production and use of hydrogen).
Climate change (e.g. what we can do and what the politicians are doing).
Food and farming (global and local issues such as size and ethos of farms such as regenerative farming).
Waste (we have considered plastics and the problems they cause among other issues).
Flooding (why, when and what can be done to alleviate it?)
Land use (overall and looking at many aspects of Forestry, wilding and uses of wood to improve sustainability).
Transport (how can it be made more sustainable and environmentally friendly?)

## Update 2024

Group Leader - Andrew Walker
Group Title - Environment Group
In our own way, through talks, discussion, the occasional field visits and guest speakers we have explored many of the resources mentioned in the toolkit.

Currently we are enjoying a series of talks by David Wilcock, a member of the group, about his book "Cumbria: the story of the landscape" The book explores the geological history of the landscape and how Cumbria's landscape and natural environment have been modified by human society since Mesolithic time right through to today's efforts at landscape restoration.
The book, which Andrew can heartily recommend, is published by:
Bookcase, 19, Castle Street, Carlisle, CA3 8SY price $£ 15$.
See bookscumbria@aol.com

