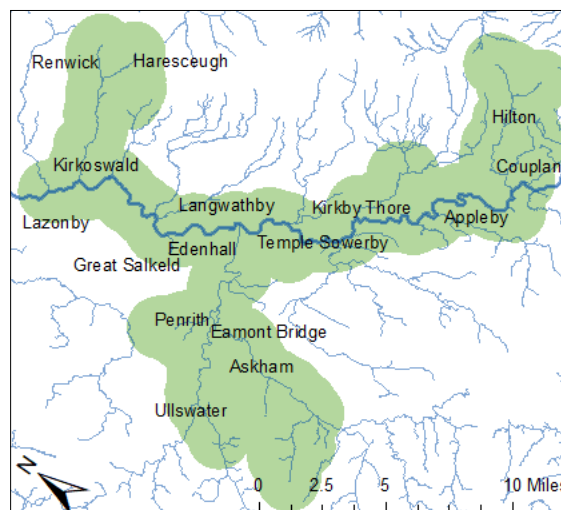


# CLANDAGE: River Eden Case Study

Building Climate Resilience through Communities, Landscapes and Cultural Heritage (**Clandage**) has been funded by the Arts and Humanities Research Council through the UK Climate Resilience program for 2 years. In partnership with Historic England it will investigate how landscapes, communities and people have historically and continue to experience, cope and adapt to climate change. The research will combine new and existing work on historical records, landscapes, archives and oral histories. There are three components; one focused on Staffordshire, a second on the Outer Hebrides, and the third the main case study, focussed around the River Eden (Cumbria). In each case study region, we will be exploring how communities have adapted to climate change to become more resilient, however the approach and focus will be tailored to the different environments.



In the River Eden catchment, this study investigates how communities have historically responded to extreme weather, considering whether responses were incremental or abrupt. It examines how communities have improved resilience throughout landscapes, through cultural, social, technological, behavioural adaptation and modification to improve individual and community resilience. This long-term perspective based on archaeological data, historical records and archives can help contextualise understanding of the history of human activity and their inter-relationship with local landscapes, which can inform sustainable and resilient management. We will develop a toolkit that enables archival, historical and material knowledge to be presented within a geographical information system (GIS) database. Working in partnership with Historic England



and Fjodr Ltd in collaboration with local and national stakeholders. The GIS can be applied in multiple contexts to better understand how people have used and shaped watercourses and adjacent lands through time, including through past adaptation to flooding and extreme weather.

We are focusing on the mid-to-upper Eden catchment, with a specific focus on the Eden between and including the settlements of Appleby and Lazonby and the tributaries Earmont, Lowther, Thacka Beck, Raven Beck and Hilton Beck.

We are particularly interested in hearing about the history of infrastructure on the River Eden, memories of past floods and other extreme weather events. We are also interested in hearing from local historical societies and organisations involved in the management of this section of river. We plan to hold a series of workshops and engagement activities throughout 2021/22. For more information about the project please contact Prof. Neil Macdonald ([neil.macdonald@liverpool.ac.uk](mailto:neil.macdonald@liverpool.ac.uk)).