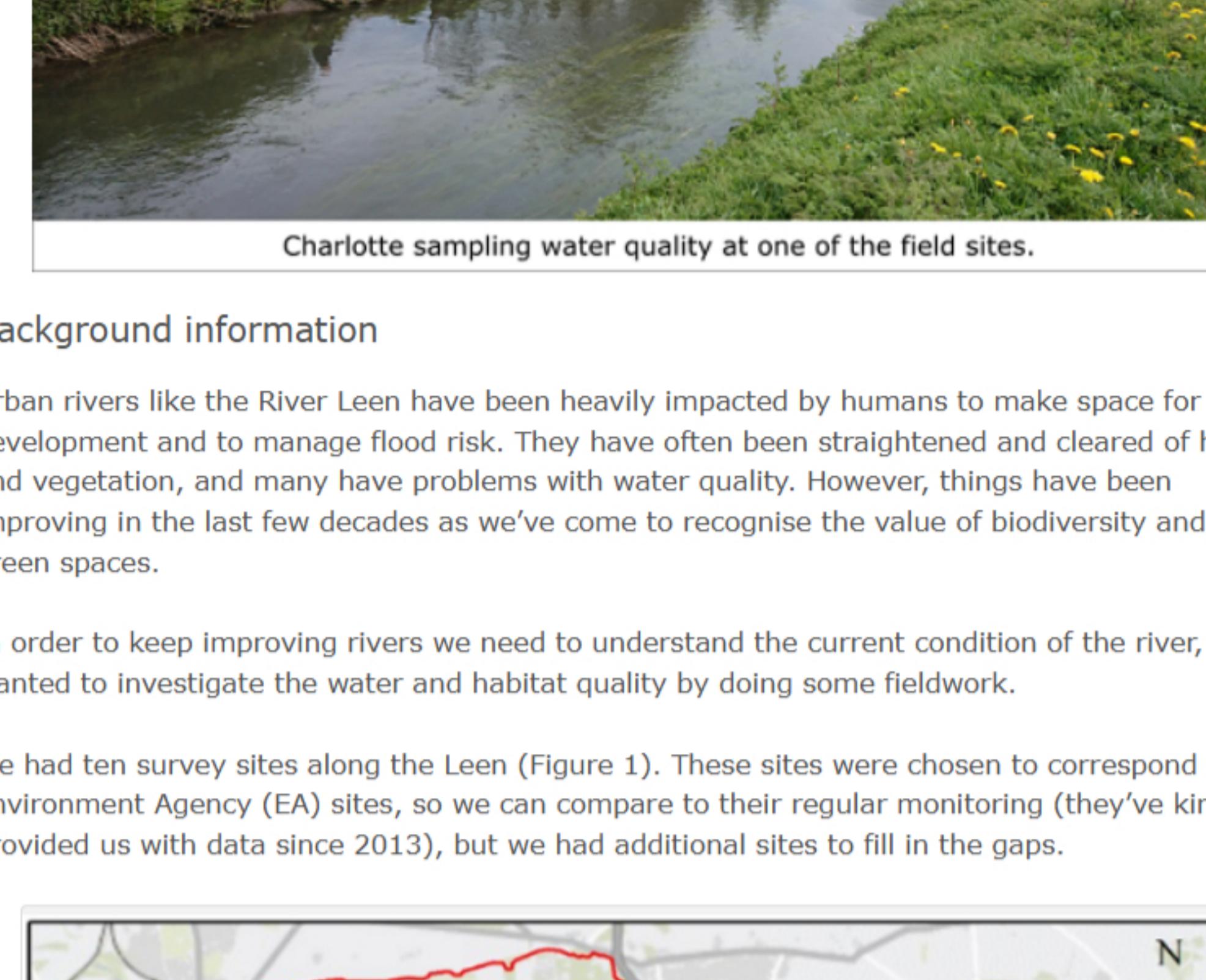


June 24, 2021, by Blue-Green team



Investigating the water quality of the River Leen

Hazel Wilson and Charlotte Viner (University of Nottingham) have recently been out and about doing fieldwork in the River Leen. They've been investigating the water quality, invertebrates, and habitat quality of the river as it flows through the city of Nottingham.



Charlotte sampling water quality at one of the field sites.

Background information

Urban rivers like the River Leen have been heavily impacted by humans to make space for development and to manage flood risk. They have often been straightened and cleared of habitat and vegetation, and many have problems with water quality. However, things have been improving in the last few decades as we've come to recognise the value of biodiversity and blue-green spaces.

In order to keep improving rivers we need to understand the current condition of the river, so we wanted to investigate the water and habitat quality by doing some fieldwork.

We had ten survey sites along the Leen (Figure 1). These sites were chosen to correspond to Environment Agency (EA) sites, so we can compare to their regular monitoring (they've kindly provided us with data since 2013), but we had additional sites to fill in the gaps.

