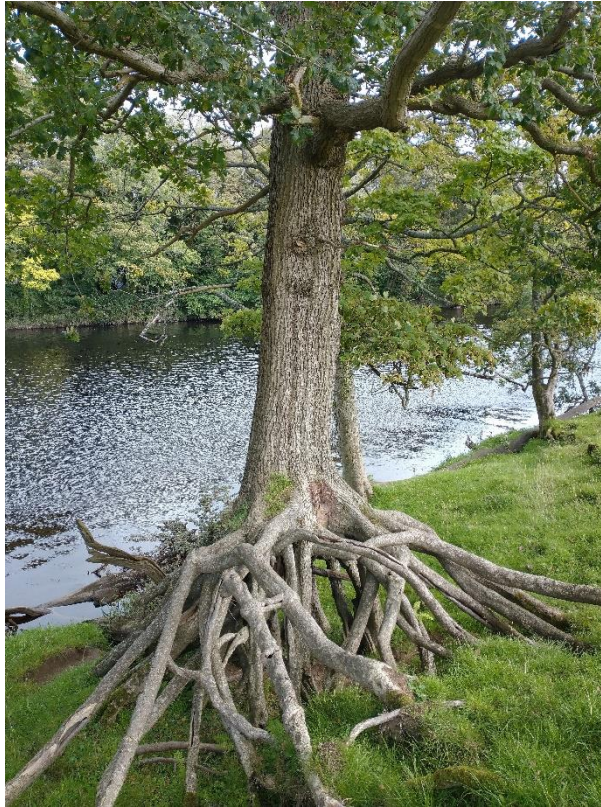


## Mobile Earth

### Example entry: I'm still standing



Title of your photo	I'm still standing...
Photo location (e.g. use post code, grid reference, What3Words, latitude/longitude coordinates or a short url link to a placemark on Google Maps).	Crook O' Lune, Lancaster Lat: <a href="#">54.078093</a> Long: <a href="#">-2.736791</a> W3W: <a href="#">///liberated.piper.targeted</a>
A few sentences (250 words maximum) highlighting and explaining the physical geography in your photo that shows an example of the mobile earth.	<p>On the inside bank of a large meander, in the lower reaches of the River Lune, sits a tree that appears to be 'floating' up in the air. Its exposed roots make a natural climbing frame and are perfect for sheltering inside (if you're a sheep!). Trees normally root in soil, so what is the story behind this missing soil 'mystery'? This strange and unexpected shape is a product of the mobile Earth.</p> <p>Over many years, and long before the tree began to grow, flowing water in the river transported sediment in its channel. When in flood, the river spilled overbank, carrying the sediment and depositing it as the flood level dropped. This created a slip-off slope and provided soil into which the tree could grow. Eventually this stabilised the bank of the river and the tree developed a strong root network.</p> <p>More recently the bank has eroded, likely caused by farm cattle hooves breaking it up and leading to its collapse when higher and more intense flooding shifts the broken chunks. With the protection gone, the soil sediment is scoured from between the roots and moved downstream. But the tree's roots are deep and widespread and so it might survive, as now the floodwater can pass through the roots to leave it standing rather than being uprooted and swept away. For the moment the bank is fixed, but in the future this tree and the bank will no doubt become another part of the mobile Earth.</p> <p>(247 words)</p>