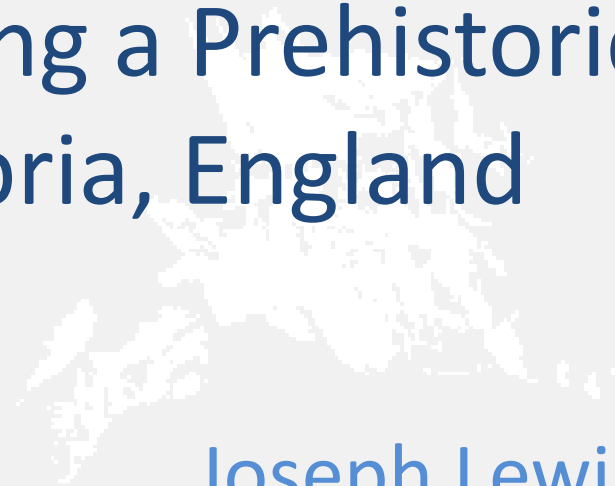


Seeing While Moving:

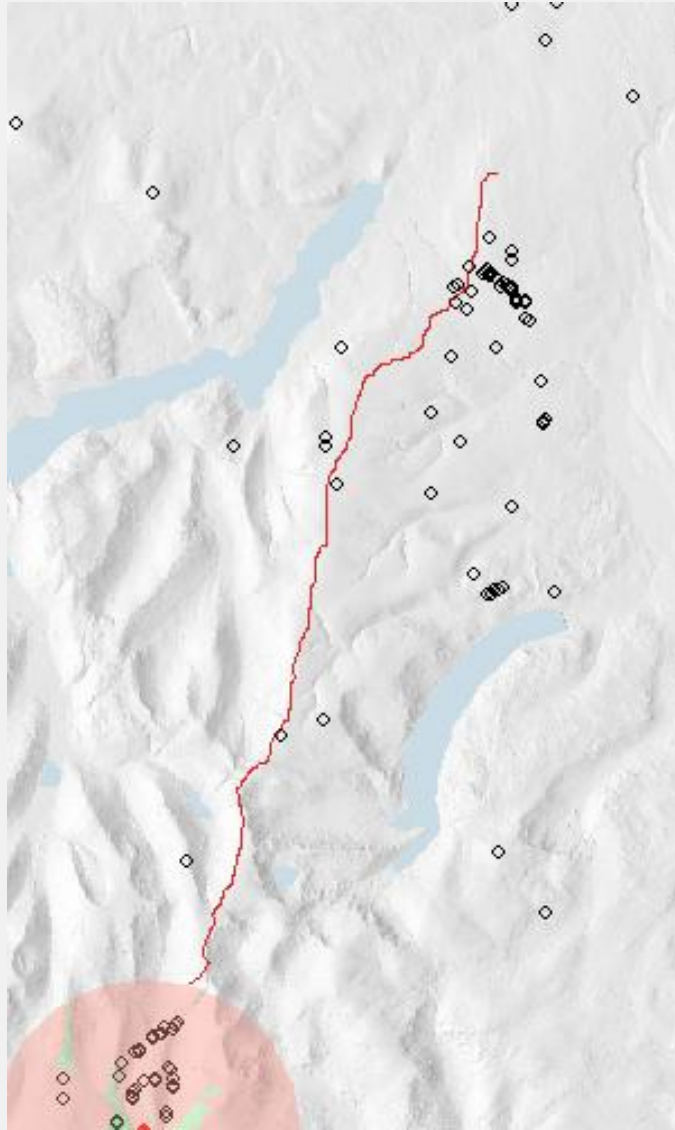
Direction-Dependent Visibility of Bronze
Age Monuments Along a Prehistoric
Ridgeway in Cumbria, England



Joseph Lewis MSc

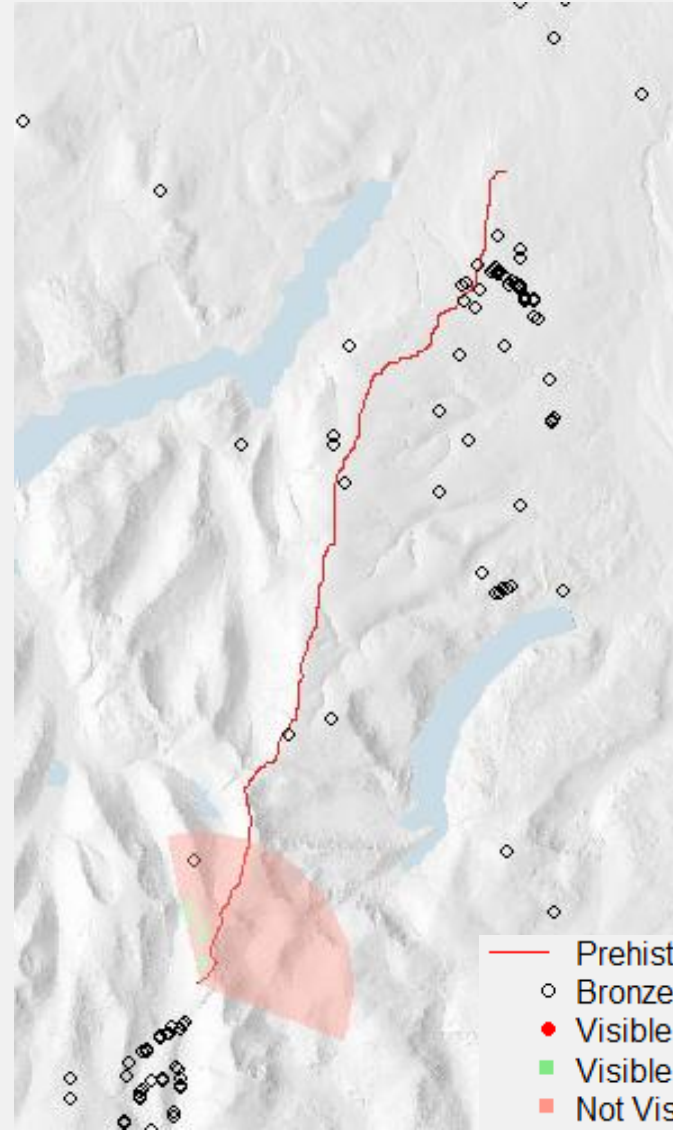
The Two Elements of a Humanised Landscape

Places and their Properties



Non-Direction-Dependent Visibility
from Bronze Age Monuments

Routes of Movement Between Places



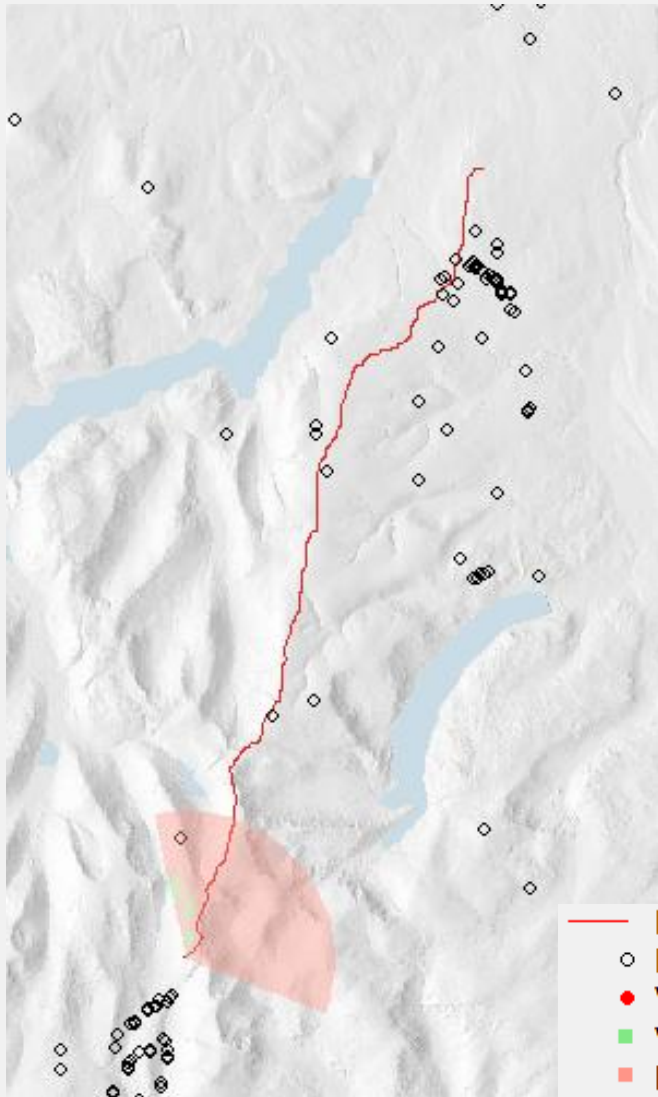
- Prehistoric Ridgeway
- ◊ Bronze Age Monuments
- Visible Bronze Age Monuments
- Visible
- Not Visible

Direction-Dependent Visibility
along the Ridgeway

Methodology:

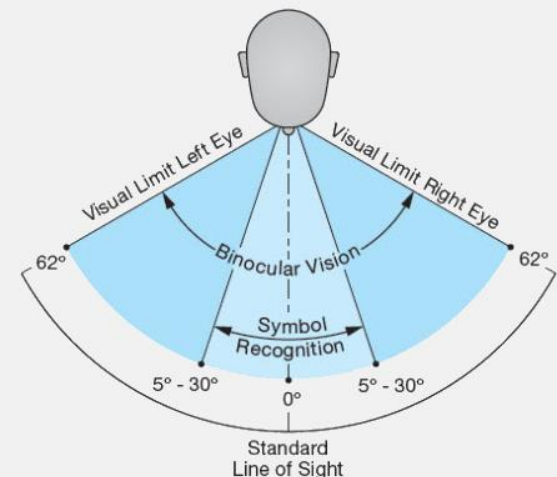
Modelling the Human Experience of Visual Perception

Routes of Movement Between Places



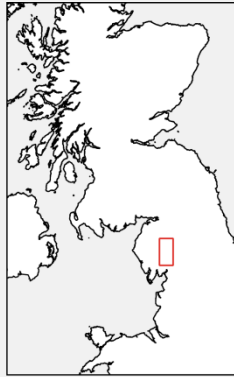
Direction-Dependent Visibility along the Ridgeway

- Lack of understanding the human experience of visual perception while walking along routes
- By determining the direction of movement along the route, the available field of view can be calculated



Case Study:

Bronze Age Monuments Along a Prehistoric Ridgeway



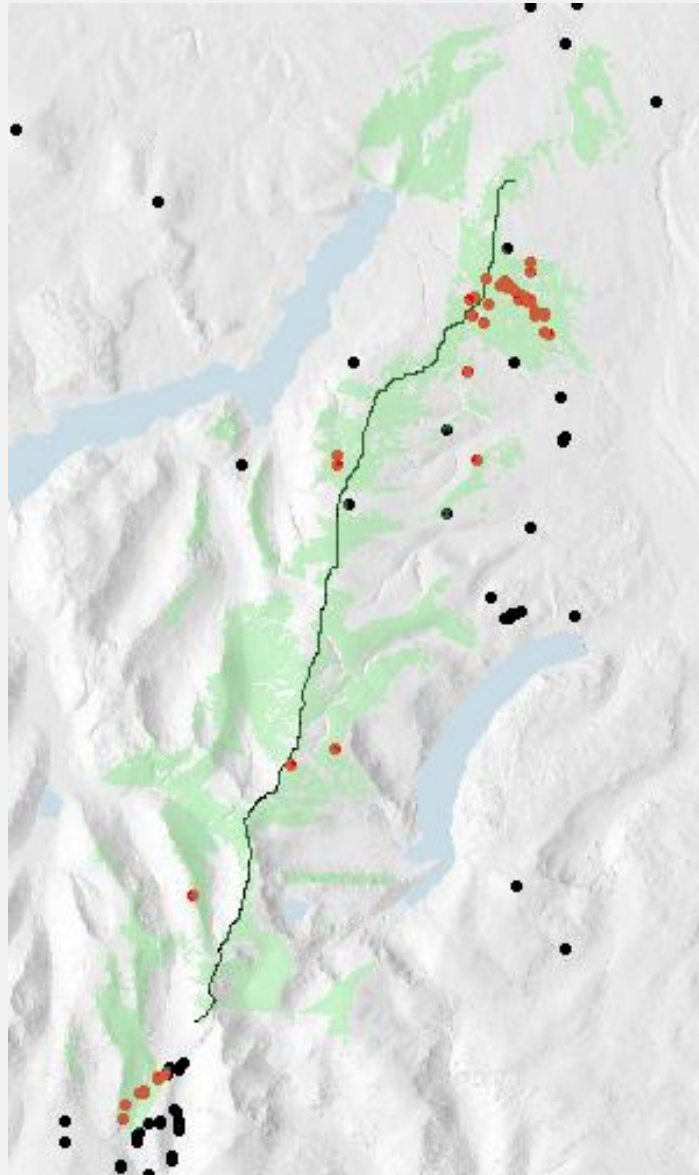
- Previously known as the 'Street of the Britons' – early origins suspected
- Close proximity to Bronze Age monuments suggests it was used during this era
- Increase in monuments linked to environmental factors stimulating population growth

'High Street' Ridgeway in Cumbria, England

cc-by-sa/2.0 - © K A - geograph.org.uk/p/1535679

Results:

Bronze Age Monuments Along a Prehistoric Ridgeway

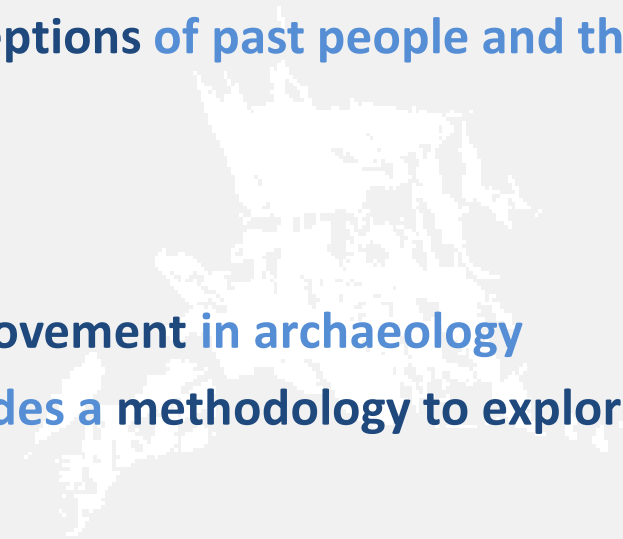


Direction-dependent visibility along the Ridgeway

- Bronze Age monuments visible when walking along the ridgeway – common features in the landscape
- High proportion of monuments visible in the northern and southern section may have acted as important markers

Discussion

- Direction-dependent visibility **more** accurately models the human experiences of visual perception
- Provide new insight **into the social perceptions of past people and their relationship with the landscape**
- Lack of attention **to the study of daily movement in archaeology**
 - Direction-dependent visibility **provides a methodology to explore further**



Thank you

Any questions?

