Using Aerial Photographs and Lidar to Analyse Late Iron Age Oppida Landscapes

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Introduction

I am in the second year of my doctoral research into the landscapes of Iron Age territorial oppida, large settlements created just prior to the Roman conquest of Britain associated with extensive systems of linear earthworks. My data collection is facilitated by a placement with the Historic England Aerial Investigation and Mapping team, enabling access to loans of photographs from the HE Archive and to specialist advice from the AIM team. Working with AIM and having training from the Historic Places Investigation team has benefitted my PhD research and enhanced my knowledge and skills.

Methodology

All available aerial photographs and satellite imagery were examined. Historic vertical photographs taken as stereo pairs were viewed using a stereoscope. Photographs were georectified and added to my project GIS.

Further analysis

I have also had training in analytical earthwork survey from the Historic Places Investigation team. I will carry out my own surveys of sites identified through my data collection.

Outputs

As well as forming the basis of my PhD thesis, I am creating records for all new and updated archaeological sites identified during my data collection for the National Record for the Historic Environment and the relevant Historic Environment Records.

References


Acknowledgements

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