



# Gorffennol Digidol Digital Past - 2020

## BLUESKY DATA...

A window to the past

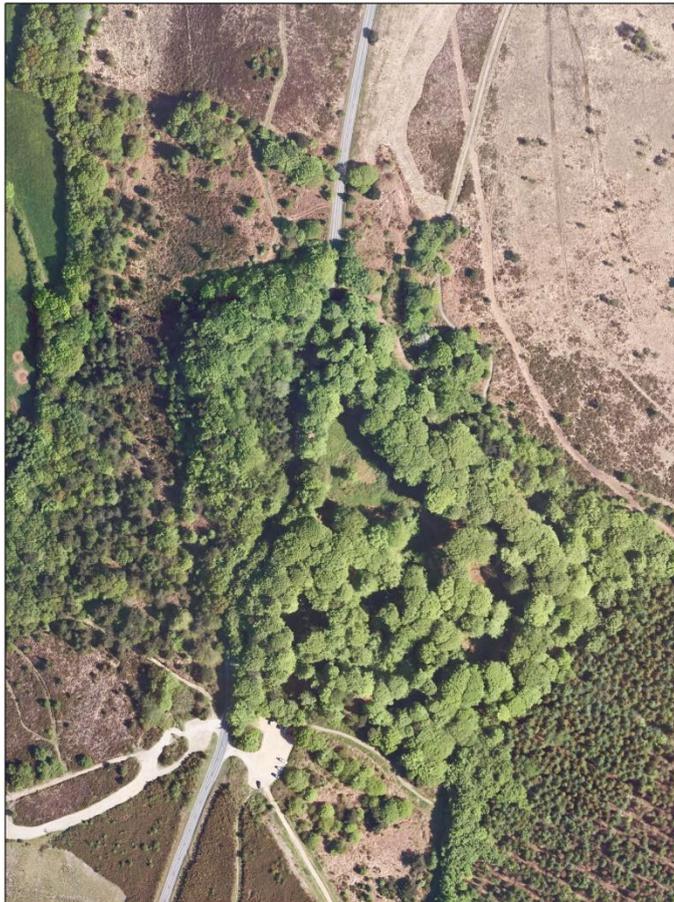
George Dey: Business Development Manager, [Bluesky International](#)



Bardsey Island.

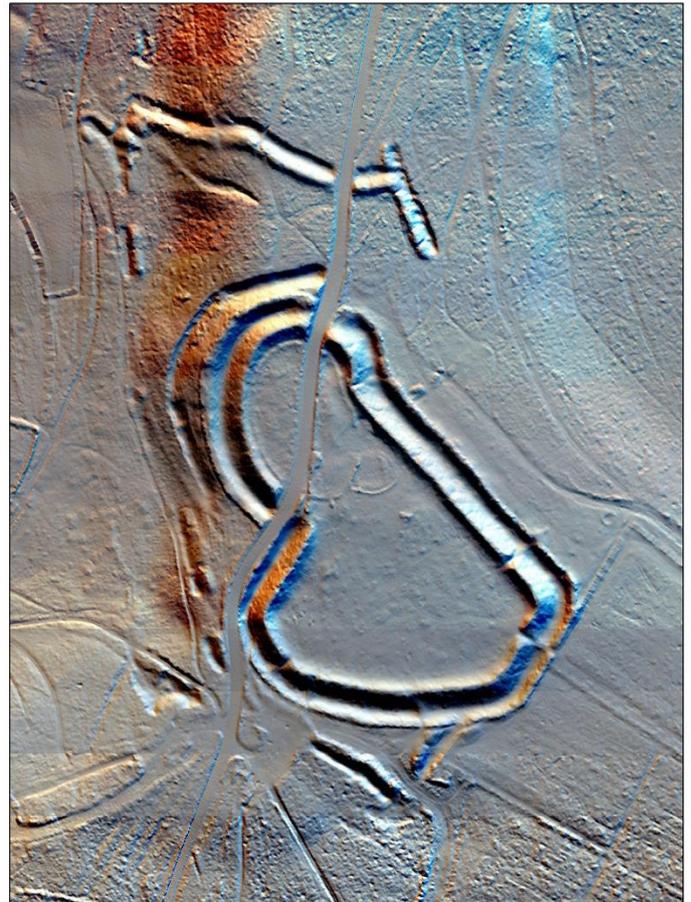
Aerial mapping company Bluesky have used LiDAR to create 3D maps of archaeological sites and urban landscapes throughout the UK. Bluesky own and operate a number of airborne sensors used to acquire the highest accuracy aerial imagery and LiDAR data, including the Leica City Mapper, the world's first hybrid airborne sensor combining vertical and oblique imagery together with 3D laser scanning.

LiDAR is now firmly established as a valuable tool in archaeological landscape studies, providing accurate models of the ground surface, allowing data to be re-visualised in a number of ways to give multiple views of the same site, and used in wooded areas can be used to reveal features that are often inaccessible to archaeological field surveys and opaque to traditional aerial surveys. Combining the LiDAR data with infra-red and thermal imaging adds a further level of intelligence and understanding, particularly in historic urban landscapes. The talk will outline the range of sensors Bluesky operate, and using case studies, will discuss how the technologies of aerial remote sensing are moving forward and the applications of these technologies for heritage.



Next Perspectives PGA Imagery SY0387 22-MAY-2010.  
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0 15 30 60 90 120  
Meters



LIDAR SY0387 Bluesky International DTM 24-apr-2016  
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0 15 30 60 90 120  
Meters

Woodbury Castle, Devon.

## Biography

George Dey is an integral part of the team at Bluesky International, since joining in 2017 he had focused on growing the business stream across a broad range of market sectors, encouraging movement of mapping from the 2D into the 3D environment. With Bluesky's recent investment into a Leica CityMapper, George is leading the way in educating users across a variety of markets to the benefits of Bluesky data and what can be achieved through aerial survey.