



Lidar Aerial Surveying

Lidar aerial surveying provides an unprecedented insight into our historic landscape. Short laser pulses from an aircraft can penetrate the woodland canopy and provide measurements to create accurate maps of the underlying terrain.

It can reveal archaeological remains in exceptional detail but a clear understanding of the technique, its strengths and limitations, is required for it to be used effectively.

This one day conference will explore the technical uses of Lidar in woodlands and its utilisation alongside other more traditional research methods. Case studies in the historic forests of Wyre, Dean and Savernake will be used to demonstrate how this methodology is being employed to disclose the development of past landscapes.

The conference will consider its application in mapping and, in turn, its direct relevance to heritage and forest management.

The confirmed conference speakers are at the forefront of the application of Lidar techniques, identifying imagery and using evidence to guide and steer further post survey investigation.

The conference will be of relevance to professional archaeological practitioners, woodland managers, advisors, academics and students.

Chaired by:

Jan Wills, County Archaeologist, Gloucestershire County Council

Confirmed speakers

PETER CROW

Historic Environment Project Manager, Forest Research

On Technical Specifications and limitations of the technology

ADAM MINDYKOWSKI

Historic Environment Countryside Advisor, Worcestershire County Council

On Transcription and Validation using volunteers Wyre Forest Project

SIMON CRUTCHLEY

Senior Investigator, Aerial Survey, English Heritage

On Savernake Forest – Using lidar in conjunction with other investigation techniques

TIM YARNELL

Historic Environment Adviser, Forestry Commission

On Overview of Issues facing the Historic Environment and Forestry

JON HOYLE

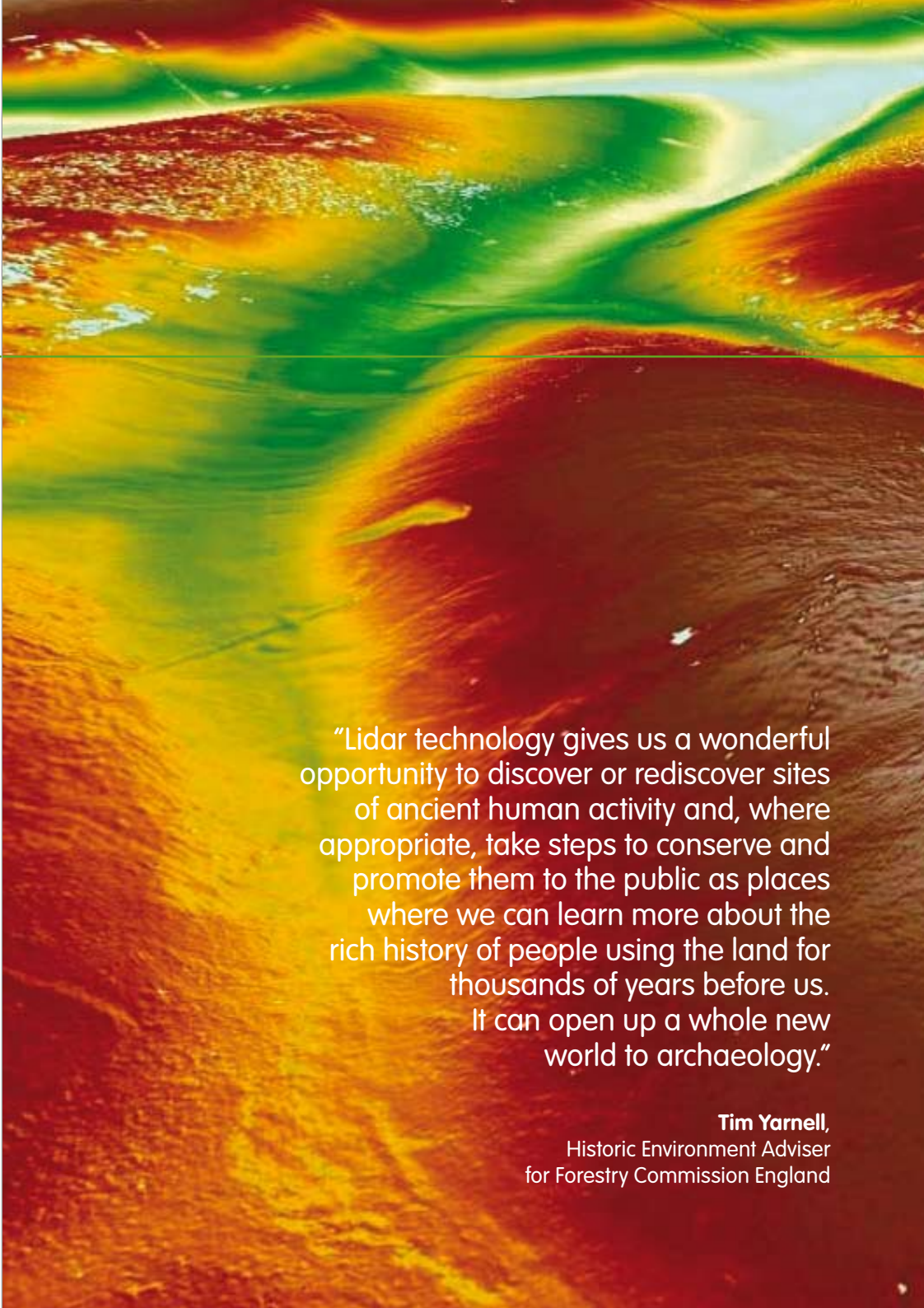
Senior Project Officer, Gloucestershire County Council, Archaeology Service

On Using lidar to focus research in extensive areas of woodland – Forest of Dean Project

BEN LENNON

Planning and Environment Manager, Forest of Dean, Forestry Commission

On Practical applications for woodland management



“Lidar technology gives us a wonderful opportunity to discover or rediscover sites of ancient human activity and, where appropriate, take steps to conserve and promote them to the public as places where we can learn more about the rich history of people using the land for thousands of years before us. It can open up a whole new world to archaeology.”

Tim Yarnell,
Historic Environment Adviser
for Forestry Commission England