EOLAS

https://www.eolasinsight.com/

OVERGROUND, UNDERGROUND, PUFFINS... THERE'S THREE!

How can technology help improve the monitoring of UK puffin colonies?

Amy Tyndall

THE UNIVERSITY of EDINBURGH
School of GeoSciences

CivTech®

Challenge 10.3

How can technology help improve the monitoring and protection of seabirds in various environments, focussing initially on the challenge of monitoring puffins above and below ground?

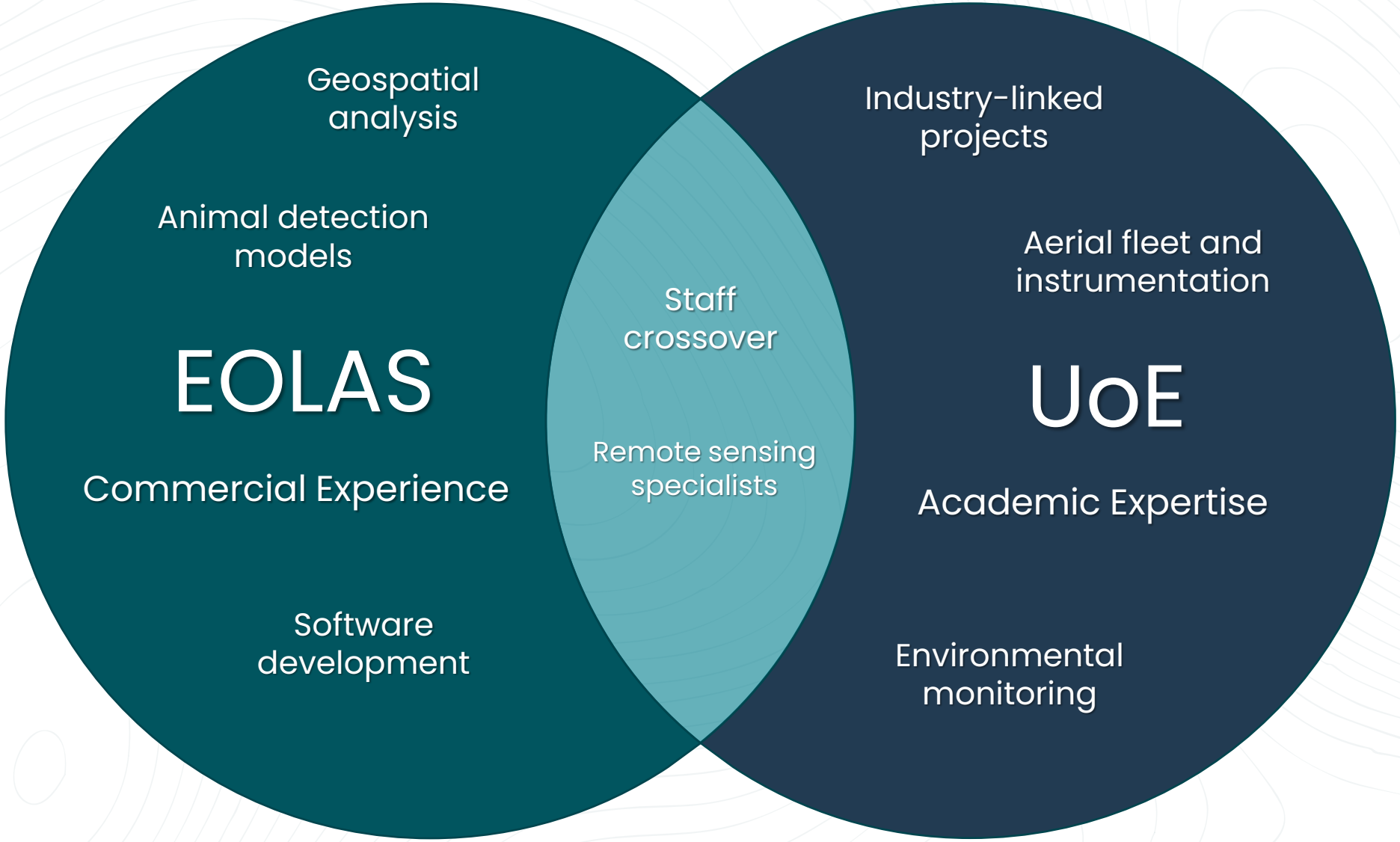
NATIONAL TRUST *for* SCOTLAND

NatureScot
Scotland's Nature Agency
Buidheann Nàdair na h-Alba

OXFORD BROOKES UNIVERSITY

Explore the full Challenge

EOLAS



LESS COST. MORE INSIGHT.

EOLAS

THE UNIVERSITY of EDINBURGH

Doug McNeil
Managing Director

Iain Cameron
Head of Operations

Amy Tyndall
GIS & EO Data Analyst

Tom Wade
Chief Pilot &
ARI Facility Manager

Caroline Nichol
Professor of
Applied Remote Sensing

Sam Alsumidaie
Backend Developer

Scott McGee
Data Scientist

Bobby Jackson
Backend Developer

Meera Shanawas
Software Developer

esa

GEOVATION SCOTLAND

Scottish Enterprise

sepa

UKRI Innovate UK

The Problem with Puffins

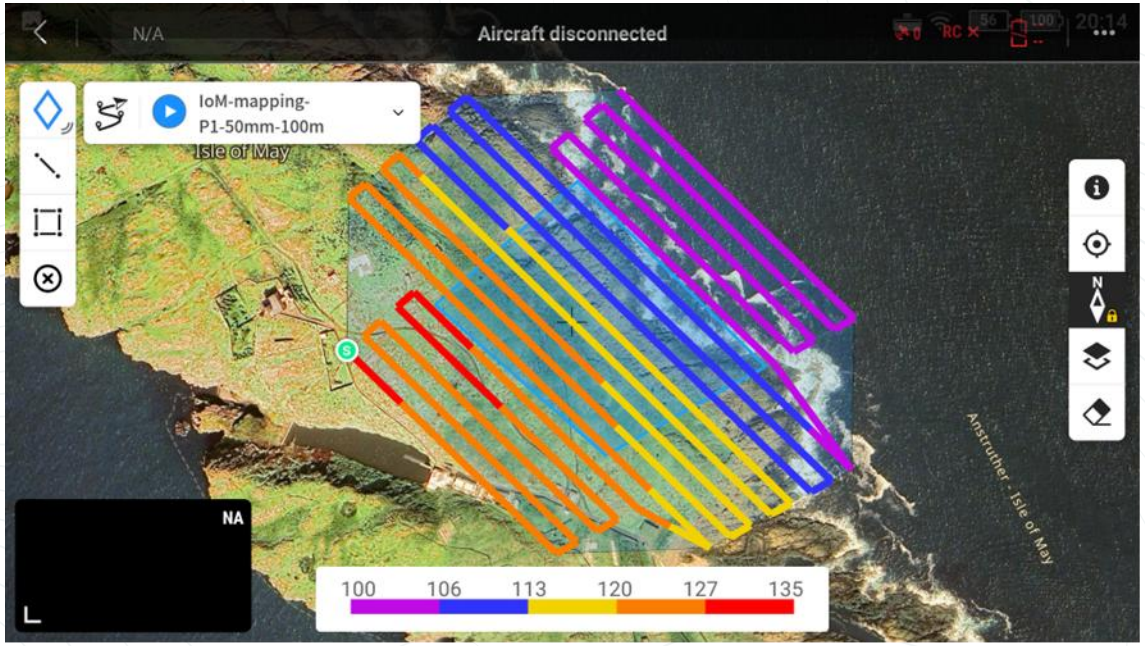

© pa

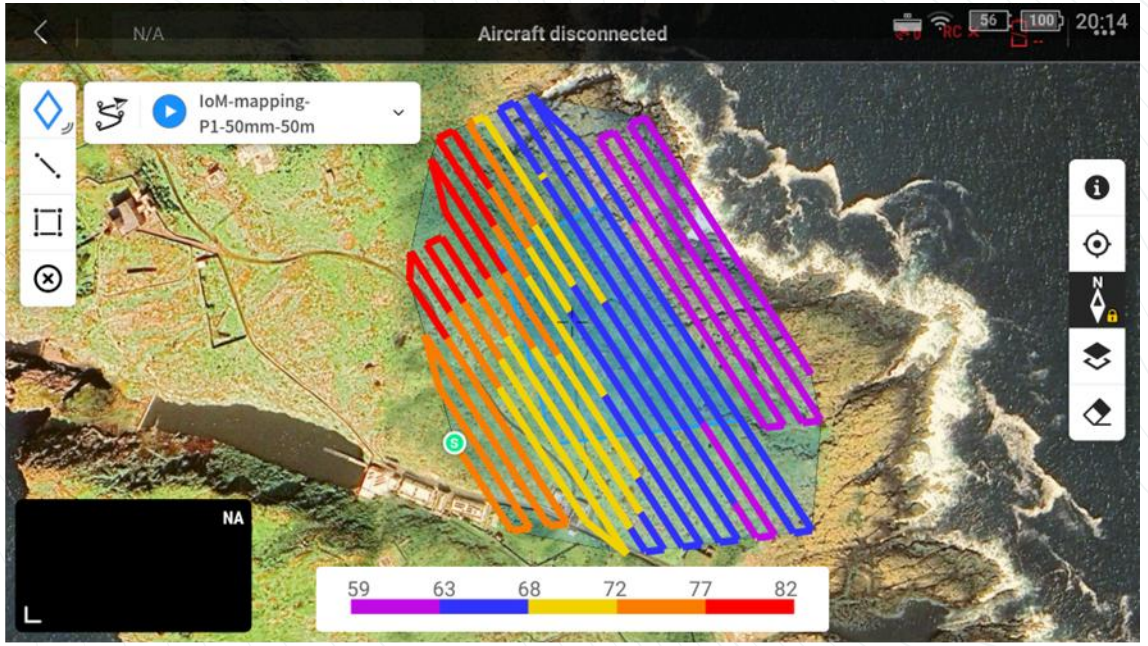
GARDENING

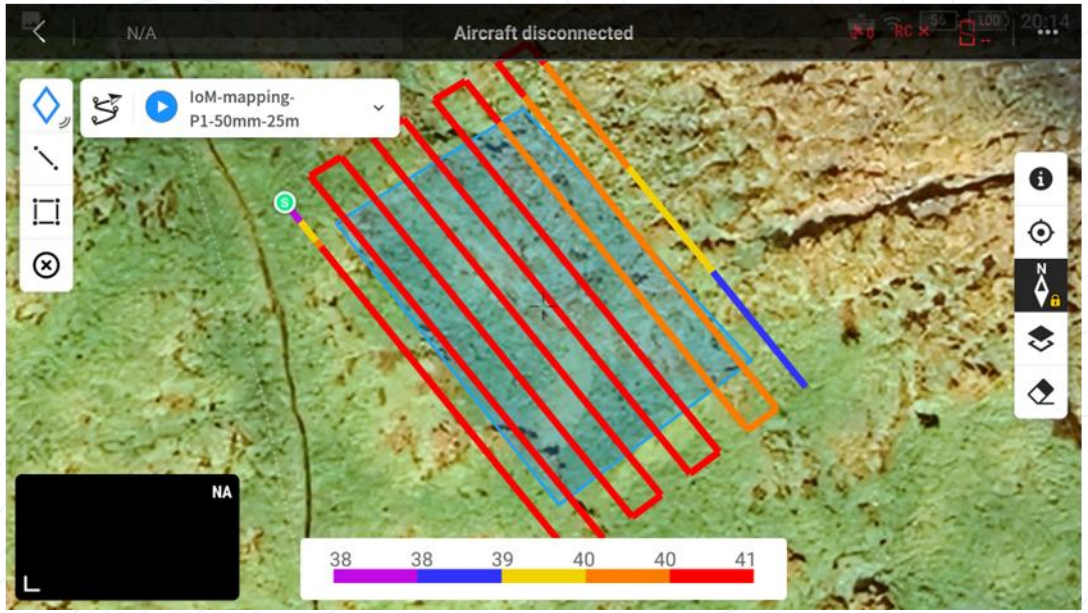
TOO MANY PUFFINS, NOT ENOUGH TIME

(TOMP-NET)

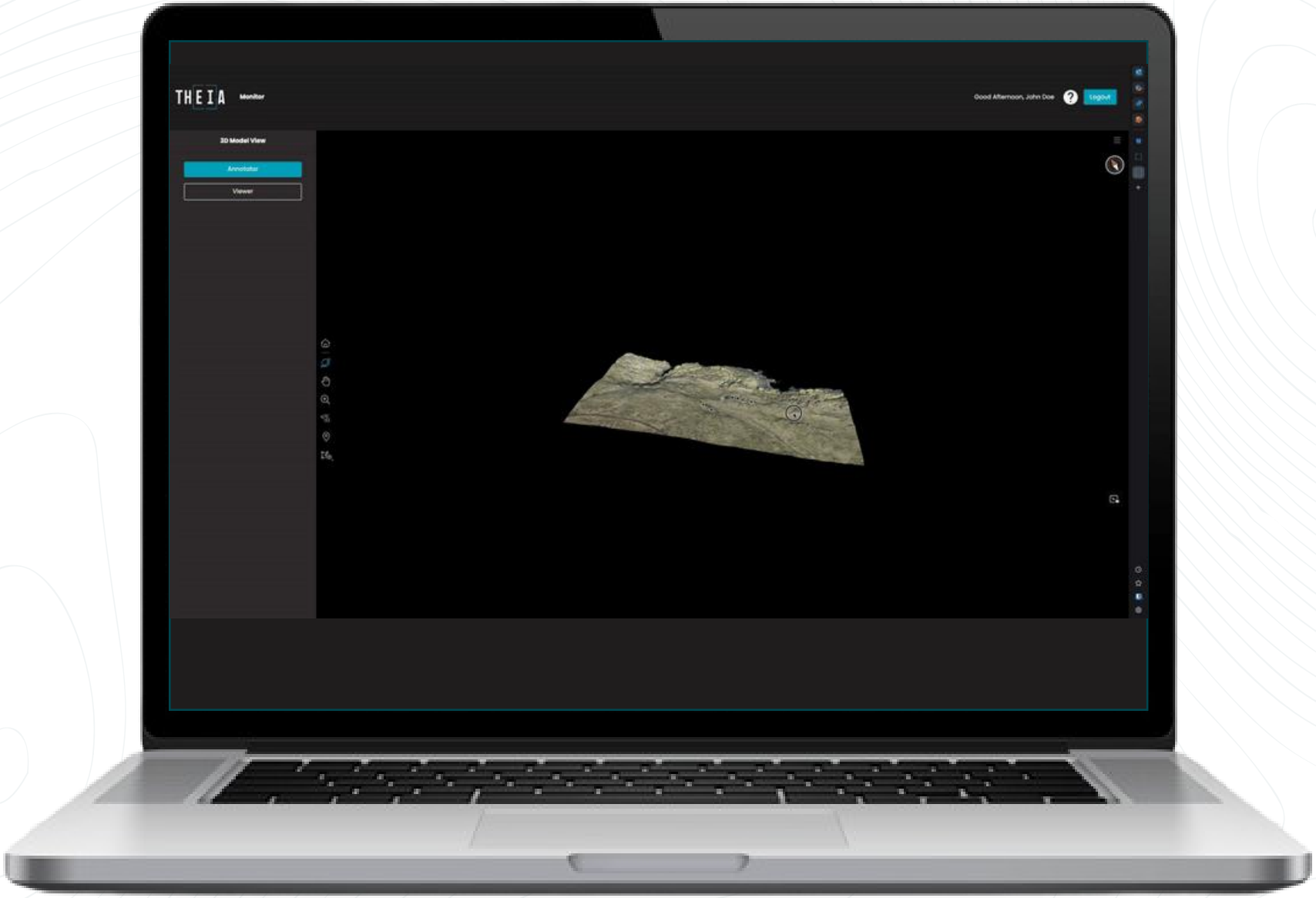
EOLAS


N/A
Aircraft disconnected
IoM-mapping-
P1-50mm-100m
Isle of May
Anstruther - Isle of May
NA
100 106 113 120 127 135


N/A
Aircraft disconnected
IoM-mapping-
P1-50mm-50m
NA
59 63 68 72 77 82


N/A
Aircraft disconnected
IoM-mapping-
P1-50mm-25m
NA
38 38 39 40 40 41

THEIA


THEIA
Monitor
Good Afternoon, John Doe
Logout
3D Model View
Annotator
Viewer


THEIA
Monitor

COMMERCIAL POTENTIAL

UK
Puffins

UK
Other seabirds,
Offshore wind strategy

GLOBAL
Best practice,
Improve monitoring of burrowing seabirds

EOLAS

THANK YOU

https://eolasinsight.com

info@eolasinsight.com

https://www.linkedin.com/company/eolas-insight-ltd