



20/02/2020

## **For your information, please find below a copy of your recently completed online ethics assessment**

### **Next steps**

Please refer to the email accompanying this attachment for details on the correct ethical approval route for this project. You should also review the content below for any ethical issues which have been flagged for your attention

Staff research - if you have completed this assessment for a grant application, you are not required to obtain approval until you have received confirmation that the grant has been awarded.

Please remember that collection must not commence until approval has been confirmed.

In case of any further queries, please visit [www.aber.ac.uk/ethics](http://www.aber.ac.uk/ethics) or contact [ethics@aber.ac.uk](mailto:ethics@aber.ac.uk) quoting reference number **15216**.

### **Assesment Details**

#### **AU Status**

Undergraduate or PG Taught

#### **Your aber.ac.uk email address**

naw21@aber.ac.uk

#### **Full Name**

NAthan Williams

#### **Please enter the name of the person responsible for reviewing your assessment.**

Reyer Zwiggelaar

#### **Please enter the aber.ac.uk email address of the person responsible for reviewing your assessment**

rrz@aber.ac.uk

#### **Supervisor or Institute Director of Research Department**

cs

**Module code (Only enter if you have been asked to do so)**

CS39440

**Proposed Study Title**

Where's My Sheep?

**Proposed Start Date**

27 January 2020

**Proposed Completion Date**

01 June 2020

**Are you conducting a quantitative or qualitative research project?**

Mixed Methods

**Does your research require external ethical approval under the Health Research Authority?**

No

**Does your research involve animals?**

Yes

**Does your research involve human participants?**

No

**Are you completing this form for your own research?**

Yes

**Does your research involve human participants?**

No

**Institute**

IMPACS

**Please provide a brief summary of your project (150 word max)**

The aim of this project is to investigate ways to locate and count the sheep in a set of aerial images of fields, some of which were taken on a red-edge camera to provide multi spectral images. At the start we will mainly look at white sheep, but sheep are not just white so we must investigate ways of identifying black and brown sheep also. I will also discuss how the techniques could be used to count and track other mammals such as deer. The purpose of identifying the animals from the aerial images is that it allows biologists to observe them without disturbing them such as attaching GPS trackers to them individually. The images were originally used by biologists to identify and track the flora but using the same data to track fauna would also advantageous.

**Where appropriate, do you have consent for the publication, reproduction or use of any unpublished material?**

Not applicable

**Will appropriate measures be put in place for the secure and confidential storage of data?**

Yes

**Does the research pose more than minimal and predictable risk to the researcher?**

No

**Will you be travelling, as a foreign national, in to any areas that the UK Foreign and**

**Commonwealth Office advise against travel to?**

No

**Please include any further relevant information for this section here:**

**If you are to be working alone with vulnerable people or children, you may need a DBS (CRB) check. Tick to confirm that you will ensure you comply with this requirement should you identify that you require one.**

Yes

**Declaration: Please tick to confirm that you have completed this form to the best of your knowledge and that you will inform your department should the proposal significantly change.**

Yes

**Please include any further relevant information for this section here:**