

# nQuire update

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# Acknowledgements



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# Personal Inquiry

Designing for evidence-based inquiry learning



# nQuire: Inquiry learning across contexts



"Listen to a news broadcast or open a newspaper and you cannot fail to be struck by the relevance of geography. This practical discipline enables us to understand change, conflict and key issues which impact on our lives today and which will affect our futures tomorrow." (Ofsted, 2006, p6)



Reflect on my progress

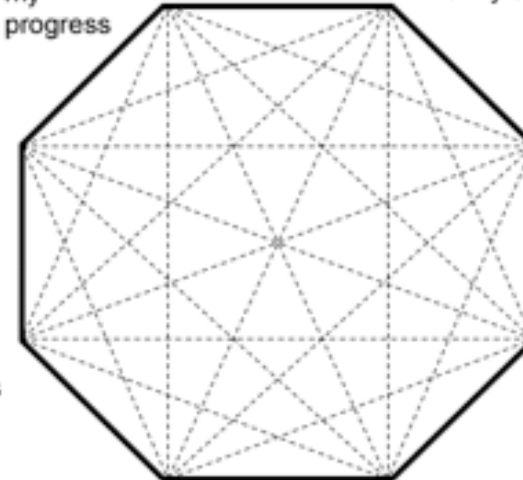
Find my topic

Decide my inquiry question or hypothesis

Plan my methods, equipment and actions

Share and discuss my inquiry

My conclusions



Analyse and represent my evidence

Collect my evidence

The **Personal Inquiry** project  
Inquiry-based learning across  
formal and informal settings  
Sharples, Scanlon et al.

<http://www.pi-project.ac.uk/>



## Is my diet healthy?

- [Inquiry front page](#)
  - [Inquiry structure](#)
- 
- [Go back to Collect my data](#)
- 
- [People and groups](#)
  - [Share content](#)
  - [Submit inquiry results](#)
  - [Rate inquiry](#)
- 
- [Promote this inquiry](#)
  - [Edit this inquiry](#)

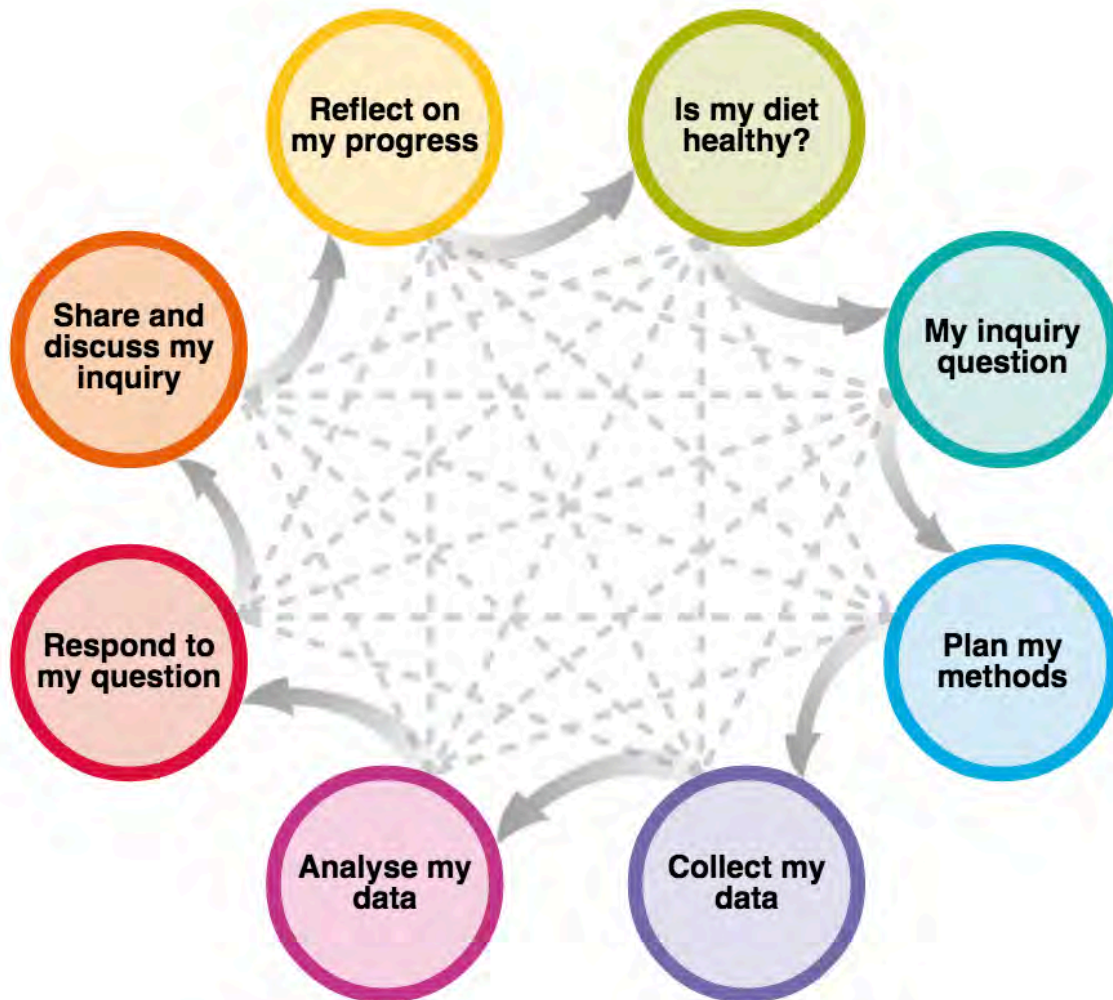
## Recent activity

### Shared content in this inquiry:

- [Select my measures](#) updated by **me**.  
On 11/09/2014
- [My data](#) updated by **me**.  
On 23/06/2014
- [My notes](#) shared by **me**.

[Home](#) > [My inquiries](#) > Is my diet healthy?

To view any phase of this inquiry, click on its circle. You can start at **Is my diet healthy?**.





# ORCHESTRATING INQUIRY LEARNING

Edited by Karen Littleton, Eileen Scanlon and Mike Sharples



.....

*“Orchestrating Inquiry Learning* addresses the key challenge of how to resource and support processes of inquiry learning within and beyond the classroom. It argues that technological support, when coupled with appropriate design of activities and management of the learning environment, can enable inquiry learning experiences that are engaging, authentic and personally relevant.”



## Public self-organisation



“To what extent the views of citizen scientists are taken into account, or how (and if) they are consulted when changes are made to a project may need to be considered [...]

These observations raise issues relating to governance, and to what extent the participants are, or can become involved in influencing decisions relating to the project.”

Curtis, 2015: 287-8

## Young people and citizen science

### nQuire

Young Citizen Inquiry



#### Home

Making change happen with  
**nominet trust**



Visit now the new nQuire-it platform at [www.nquire-it.org](http://www.nquire-it.org) and start creating your own science missions!

#### News

- The new nQuire-it platform
- Sense-it in Play store
- IET showcase 28/10/13
- nQuire at Moscow State University 29/10/13
- 1st Workshop 20/11/13

#### Admin

- Register
- Log in
- Entries RSS

- **Open access tools for scientific investigation in collaboration**
- **Support for creating personally meaningful investigations**
- **Reinforce positive attitudes about science.**



# nQuire-it platform

www.nquire-it.org



## nQuire-it Missions

Join missions to explore your world...



### Sense-it

- Is there something you are curious about? Do you seek answers to who, what, when, where and how?
- Download the [Sense-it](#) app and get answers from the sensors of your phone.
- Invite others and collect data together.

Create your own **Sense-it** mission



### Spot-it

- Have you ever spotted something interesting or unusual that you would like to share with others or comment on it?
- Take a photo with your phone and share it now!

Create your own **Spot-it** mission



### Win-it

- Are you searching for creative ideas on how to solve certain problems or address specific challenges?
- Invite others to submit their ideas and reward the best proposed idea with a prize!
- Win-it missions have three stages: Proposal, Voting and Winner announcement stage.

Create your own **Win-it** mission

**Sense-it missions** make use of the **Sense-it** mobile app to collect and share data using smartphone sensors.

**Spot-it missions** allow users to capture images and spot things around them.

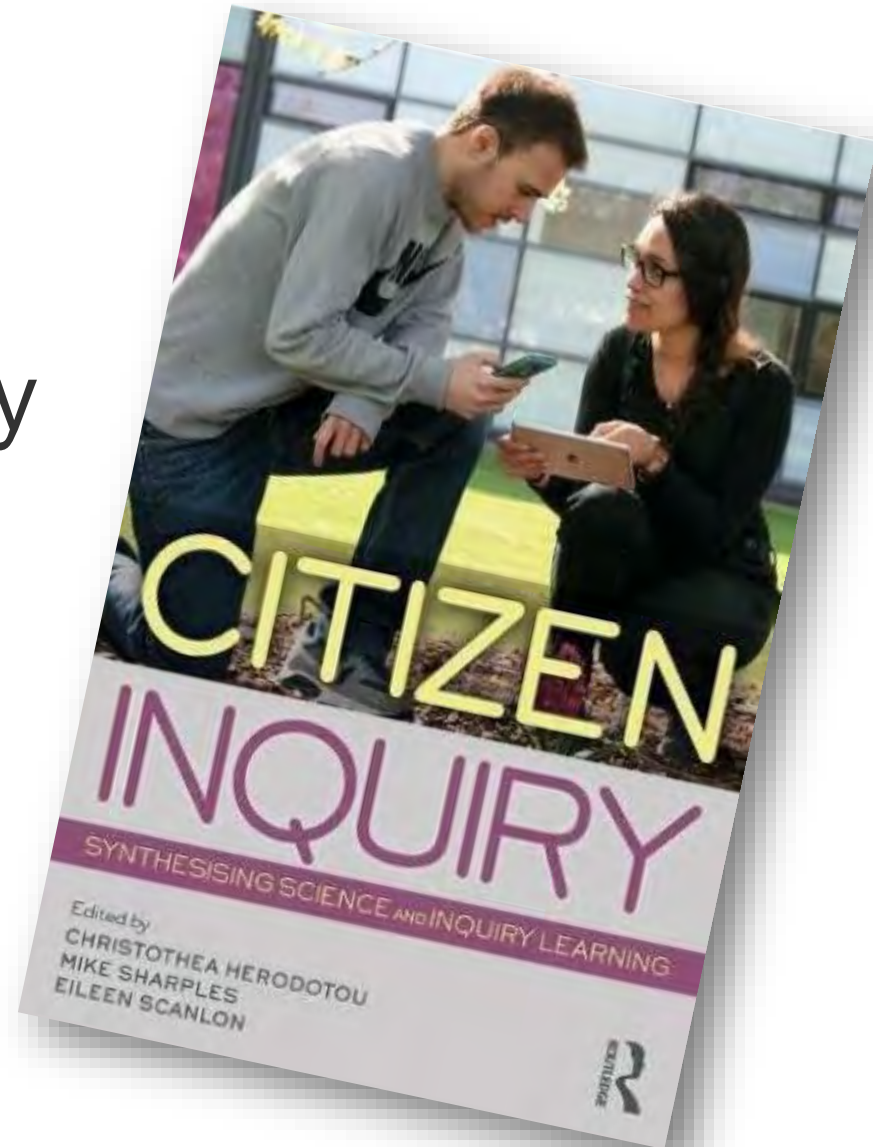
**Win-it missions** text-based missions, set challenges with prizes for the winners.

**Social features:** comments, forums, SNS

# Citizen inquiry

Inquiry-led science investigations with members of the public

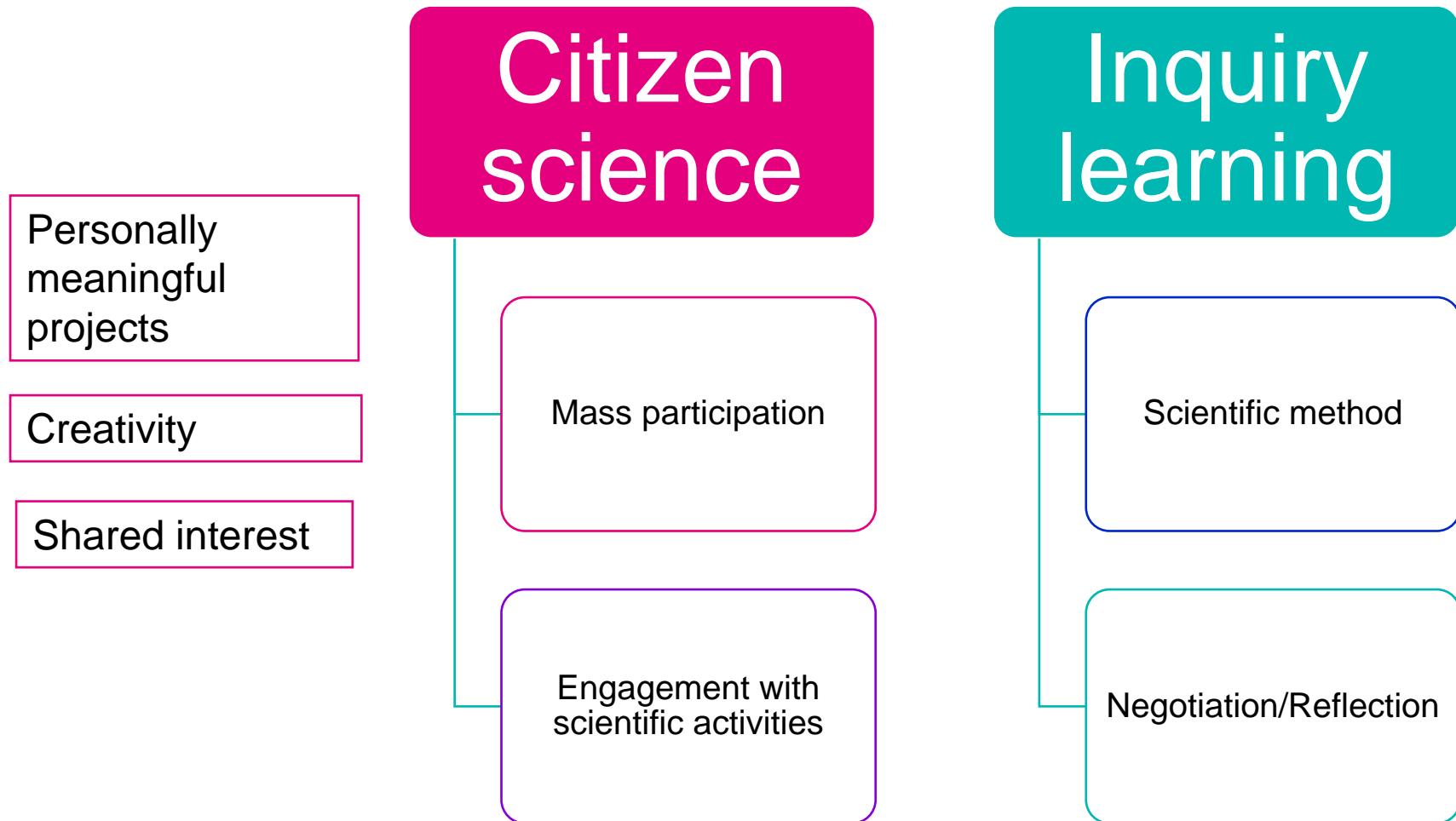
- citizen science
- + collaborative inquiry learning
- + crowdsourcing





# Citizen Inquiry

Educate the public through participation in citizen inquiry



JessCarr Ph D project



[mylifemychoice.org.uk](http://mylifemychoice.org.uk)

“This is research in which those who tend to be objects of other people’s research become agents in the conduct of research, ensuring that such research addresses issues that are important to them and includes their views and experiences.”

[Seale et al. 2014: 347](#)

# nQuire platform

www.nquire.org.uk

Collaboration with  
BBC

Extends citizen  
inquiry to include  
mass surveys

Confidential 'survey'  
missions, and open  
'social' missions

'Explore myself and  
my world'





# Tomorrow's world nQuire

www.nquire.org



The screenshot shows the nQuire website interface. At the top left is the nQuire logo with the tagline 'EXPLORE YOUR WORLD'. Navigation links for 'Home', 'About', and 'Sign in' are visible. The main content area features two mission cards. The first card, 'My Life, My Data, #MyTomorrow', includes a social media sharing toolbar and a question about personal data usage. The second card, 'Chronotype Survey', asks about the user's best time of day. Both cards include engagement icons (likes, comments, shares) and a Twitter icon. The Open University logo is present in the top right and bottom right of the interface.



Open and closed missions  
Personalised feedback

## Join missions to explore your world

Survey of students to discover their sleep patterns



**What's your Chronotype?**  
Tell us what times of the day you think you're at your best.

5237



**My Life, My Data, #MyTomorrow**  
How do you feel about the ways companies use your personal data?

686



Public survey of attitudes to personal data

### Join missions to explore your world

Students on OU FutureLearn course run investigations into online and offline learning



**Online or offline learning (OU H880)**  
Do people prefer to learn online or offline?

0



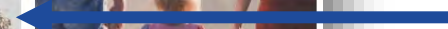
**Breakfast investigation**  
Are our eating habits changing?

6 2 2



**Parents and Children**  
What type of activities do you do with your children?

26



Open 'social' investigation of changing eating habits



**Mobile Devices and Young Children**  
Are you concerned about your child's use of mobile devices?

25



**Police information sharing**  
How do you feel about the police sharing your information with others?

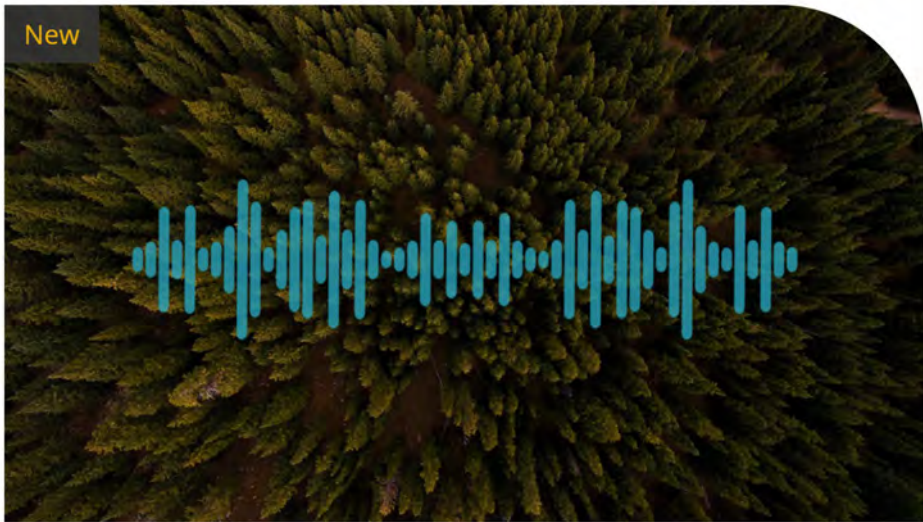
35



Authoring tool, to create new nQuire 'missions'

Discover more missions

# 'Confidential' survey-type mission from BBC, with multimedia



New

## The Forest 404 Experiment

We want to explore how people respond to the sounds of nature.

6



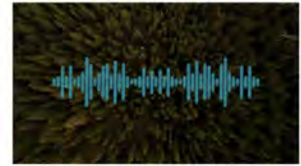
nQuire  
EXPLORE YOUR WORLD

Home Discover About Sign in



## The Forest 404 Experiment

We want to explore how people respond to the sounds of nature.



Created by Alex Smalley

### Mission Brief

Welcome to the Forest 404 Experiment.

This experiment is linked to the BBC's 'Forest 404' podcast series, set in a distant future where a world without nature is imagined.

### Nature sound

Please play the sound below and listen to it while you answer the following questions. You can replay the sound if needed.



1. Thinking about your stressful scenario, to what extent do you think listening to this soundscape would help you recover and feel better in that moment?

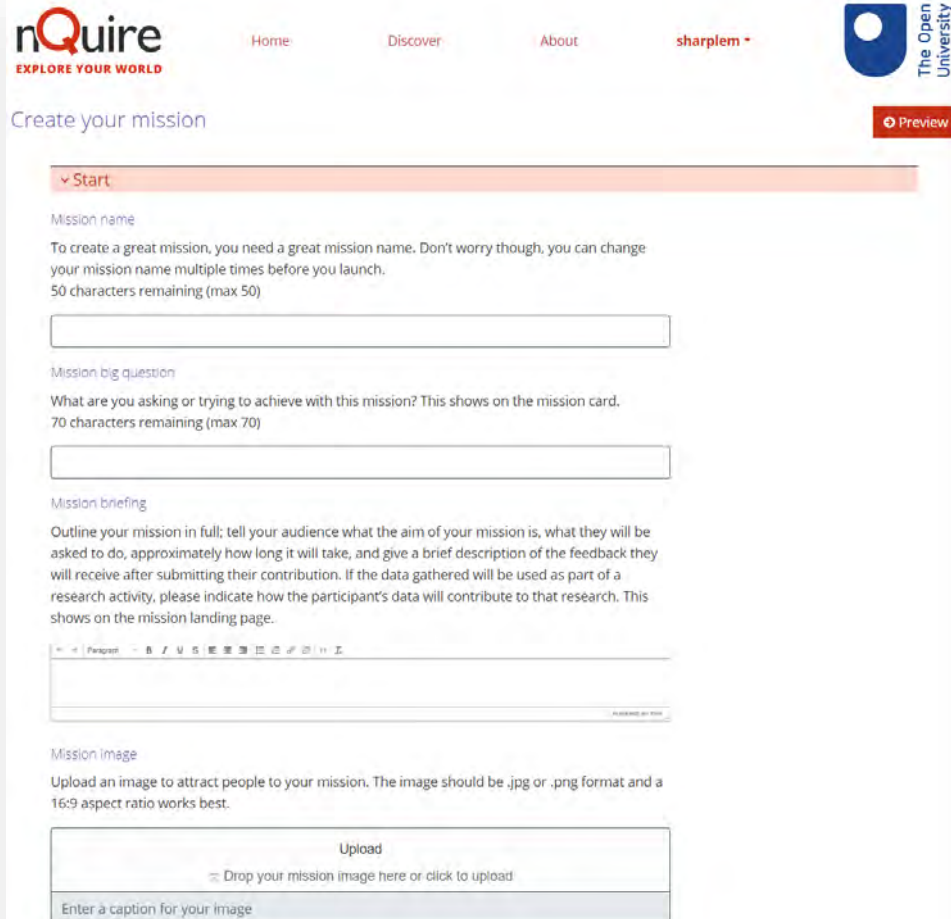


2. How pleasant do you find the experience of listening to this soundscape?





# Authoring tool



**nQuire**  
EXPLORE YOUR WORLD

Home Discover About sharplem

Create your mission [Preview](#)

**Start**

**Mission name**  
To create a great mission, you need a great mission name. Don't worry though, you can change your mission name multiple times before you launch.  
50 characters remaining (max 50)

**Mission big question**  
What are you asking or trying to achieve with this mission? This shows on the mission card.  
70 characters remaining (max 70)

**Mission briefing**  
Outline your mission in full; tell your audience what the aim of your mission is, what they will be asked to do, approximately how long it will take, and give a brief description of the feedback they will receive after submitting their contribution. If the data gathered will be used as part of a research activity, please indicate how the participant's data will contribute to that research. This shows on the mission landing page.

**Mission image**  
Upload an image to attract people to your mission. The image should be .jpg or .png format and a 16:9 aspect ratio works best.

Upload  
Drop your mission image here or click to upload

Enter a caption for your image

## Response type

Choose the type of user response

Sentence

Paragraph

Yes / No

Images (single select)

Radio Buttons (single select)

Dropdown List (single select)

Checkboxes (multi select)

Range Slider

Device Sensors

5 Point Likert Scale

Image Upload

+ Add question

> Section 1 - Score (disabled)

+ Add section

# iSpot Project: Ecosystems MOOC

Summary | Observation List | Observation Gallery | Observations Map | Edit | Delete

**Introduction to Ecosystems with FutureLearn**

9 February 2015 - 12:58pm | Martin Harvey | FSC

This project shows observations that have been added by students taking the **Introduction to Ecosystems** course, a free online course from The Open University via FutureLearn. This course starts on 16 February 2015.

Observations appearing here are those with the course tag:

Project filter  
Tags: #FLeco15

Remove Favourite

Project area

Summary | Observation List | Observation Gallery | Observations Map | Edit | Delete



## Introduction to Ecosystems: using iSpot

### Steps to using iSpot

Visit [www.ispotnature.org](http://www.ispotnature.org) to get started

- Browse observations:** Look at some of the latest observations. Anyone can see what's on the site without registering, just go to the home page, and click on the photos for the latest observations.
- Register:** To join in the activity you will need to register (it's free!). Click on the 'Sign up to iSpot' button and provide a user name, email address, and password.
- Add an observation:** Get outdoors and take a digital camera with you, if you can! Adding your own observations to iSpot allows you to get more out of the website and participate fully. It's easy to upload a photo or a description of the wildlife you have seen. Click 'Add observation', select and attach the photo then fill in the details.
- Provide a location:** Click on 'Use map' to select your location from the map (your camera may fill in this information for you). If you do not want to reveal the precise location of the observation, there is an option to hide it.
- Add a tag:** Tag your observations on iSpot with the descriptive tag '#FLeco15' to signify 'FutureLearn Ecosystems 2015'. This will connect your observations to the others made as part of the 'Introduction to ecosystems' course on FutureLearn.
- Add an identification:** If you think you know the name of what you have seen, you can say so! Add an English or scientific name, click on the 'Get recommended' button, and match the name. If you don't know the name, that's fine, leave it blank and others will help you identify it.

Connect your camera, select and attach your photo.

Add the location of your observation - click on 'Use map' to find the location.

Insert a title and date for your observation, and give a description.

Don't forget to tag your observation with '#FLeco15'!

Add the plant or animal name if you know it, but if not leave this blank and other Spotters will help.

Once you have added all your information, click on 'Confirm details' to check and save your observations; once saved it will appear on iSpot for others to see.

Remember to tag your observations: **#FLeco15**

By tagging observations #FLeco15 you can browse observations by others on the online 'Introduction to Ecosystems' course. You can also keep track of any observations you make on iSpot as part of the course.

@iSpotnature

FutureLearn

our project area

Report content as inappropriate 134 reads

1 ... next

Leopards

# Acknowledgements



Jess Carr (Inclusive citizen science inquiry)

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