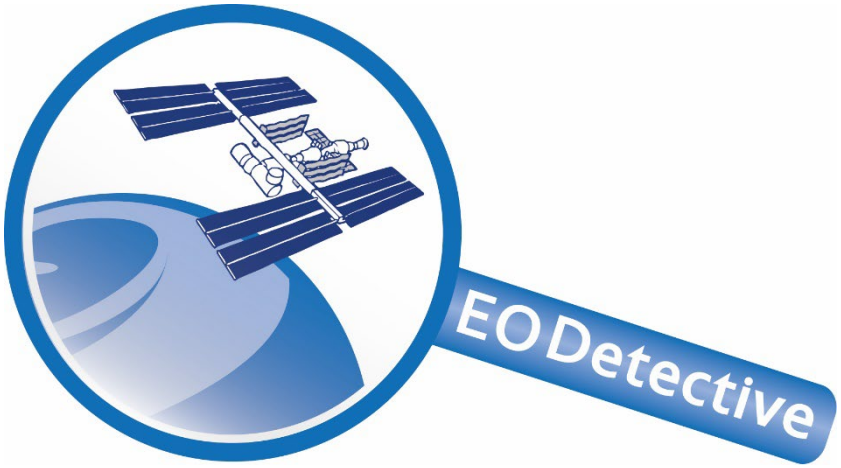




EO Detective

Observing the Earth from Space

National Centre for Earth Observation
NATURAL ENVIRONMENT RESEARCH COUNCIL

NERC 50 SCIENCE OF THE ENVIRONMENT

UK SPACE AGENCY

esa

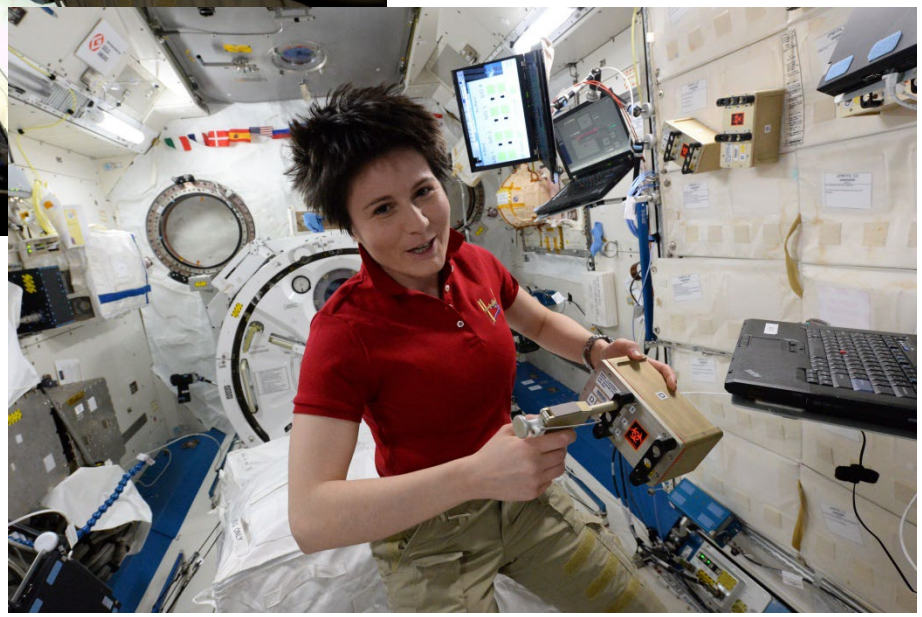
UK esero

Where would you photograph?

Collecting evidence for an investigation





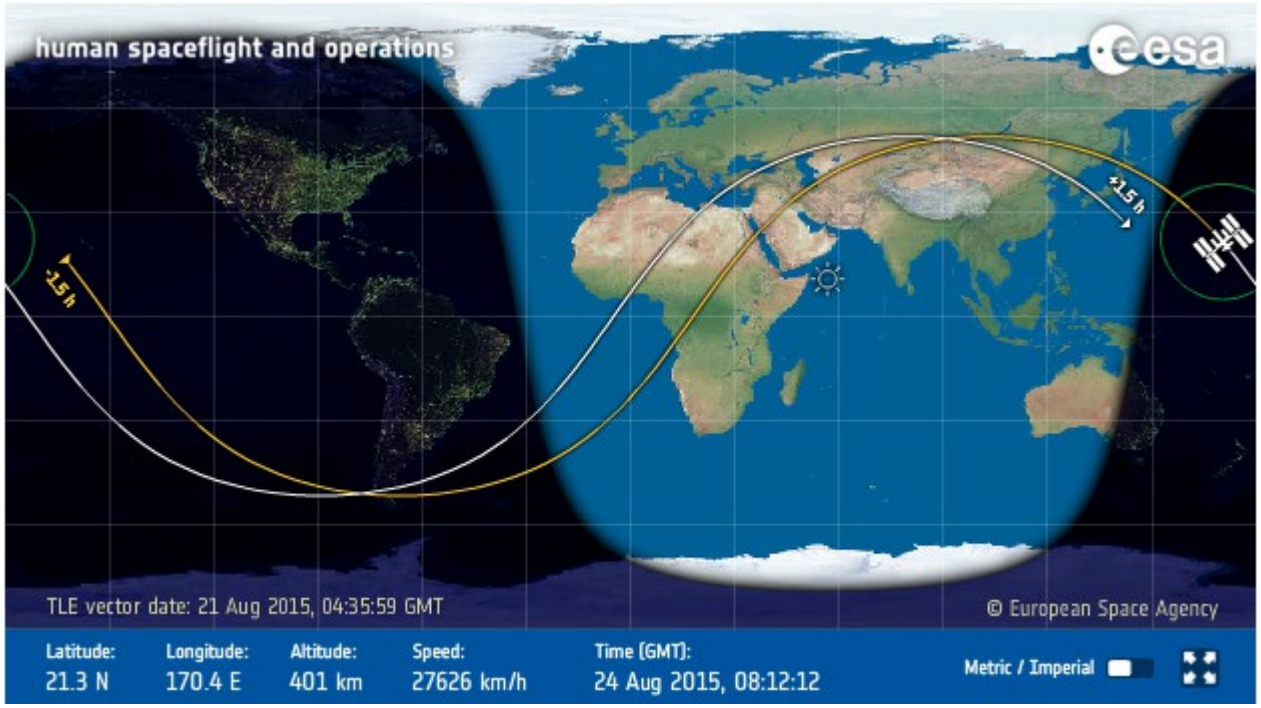


Samantha Cristoforetti on the ISS

Astronauts on the International Space Station are very busy so EO Detectives who want them to take a picture have to fill in a form.

Where can we photograph?

The International Space Station does not go over all of the Earth.



Each orbit covers a different East to West path.

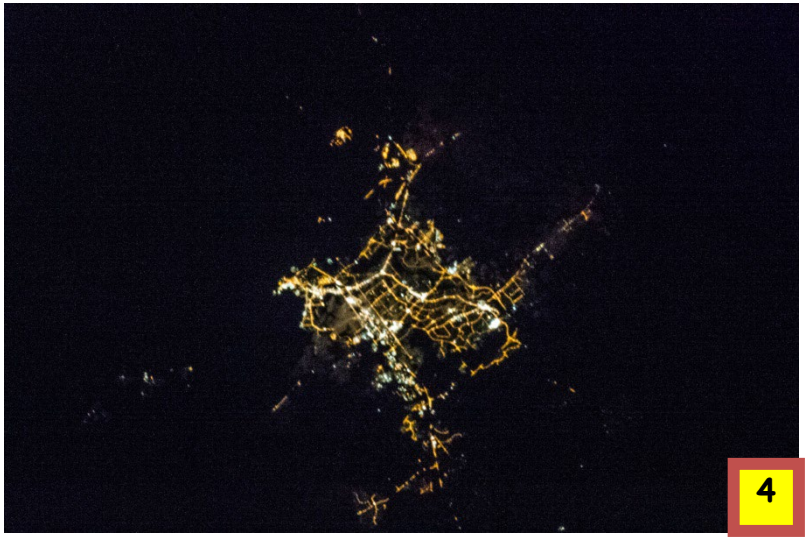
But it never goes all the way North or South.

Townsville









What can we photograph?

Photographs from space show less detail than photographs from Earth.

Which of these things could you use photographs from space to investigate?

- Mountains
- People
- Rivers
- Fields
- Cars
- Houses
- Cities
- Boats
- Forests
- Clouds

Image requests

Basic Information

1. Description
2. Latitude
3. Longitude
4. How big an area?
5. What time of day?
6. What season?
7. What angle?
8. How much cloud?



Details

- Why do you think it would be interesting?
- What do you want to use it to find out?

Things to check



- Have you included all the details the astronaut needs to take your picture?
- Have you explained why you think the picture will be interesting and what you want to find out from it?
- Are your explanations clear? In a logical order? Persuasive?
- Have you checked the presentation of your work and your spelling, punctuation and grammar to make sure they are your very best?

GOOD LUCK!

