

Projektforslag til Mission spacelab

Idéudvikling:

We will in our space lab project focus on life on earth. By the help of the assigned astro-pi computer, we will record areas that are especially affected by drought. The ISS will, over a period of three hours, orbit the earth twice 51,6 ° north and south of the equator.

As the area overflowed by ISS, covers some parts of the world that suffers a lot from the drought at the moment, it's highly relevant to take a closer look at these settings.

If possible, one could also look into wildfires that very likely could occur in these dry climates.

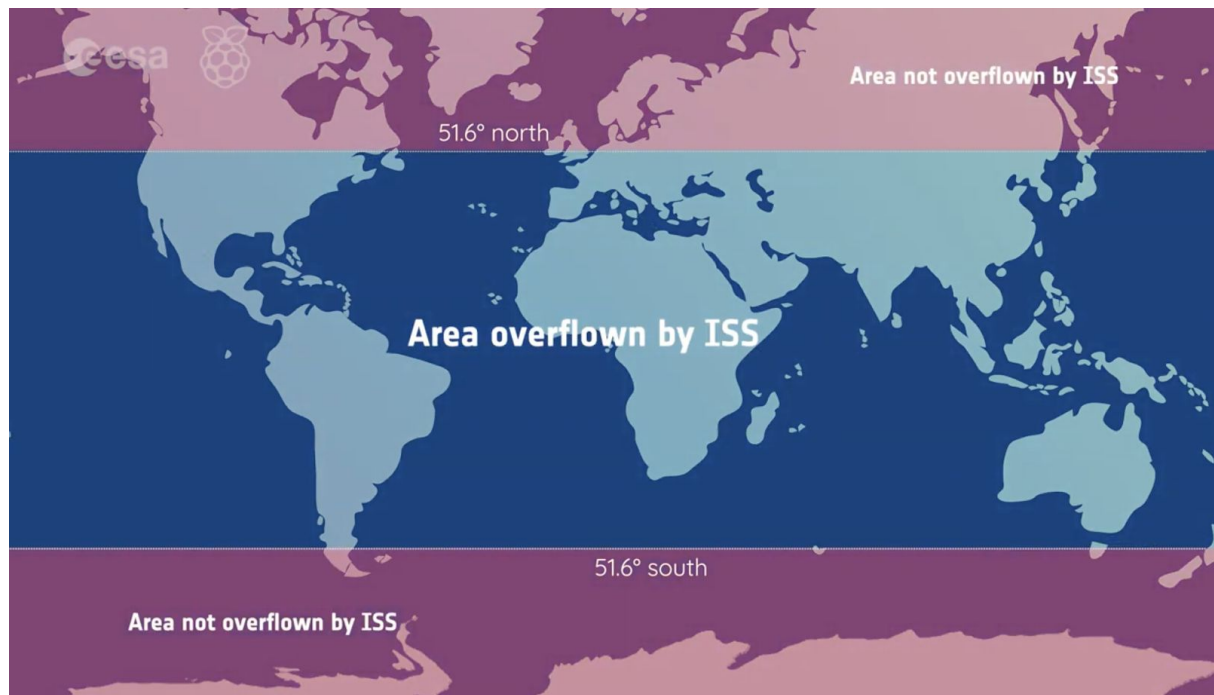
We will by comparing the pictures taken by IZZY, record how the drought has evolved during the last 30 years, in order to investigate climate change and perchance look more into wildfires occurring at places affected by drought.

IZZY's midler

- Kamera
- Sensorer
 - Temperature
 - Acceleration
 - Gyroscope
 - Magnetic Sensor
 - Humidity
 - Pressure

ISIS

51.6° N og S for ækvator



Key Words

Columbus Module

Edd and Izzy

Life on Earth

-Space

ikke noget Radio Communication Module

Izzi Camera

Infrared

Scientific Investigation

Electromagnetic Spectrum

Long Infrared Band

Visible Light

Nearby infrared light

Block red and green light

Normalized Differential Vegetation Index or NDVI

RECOMMENDATIONS

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