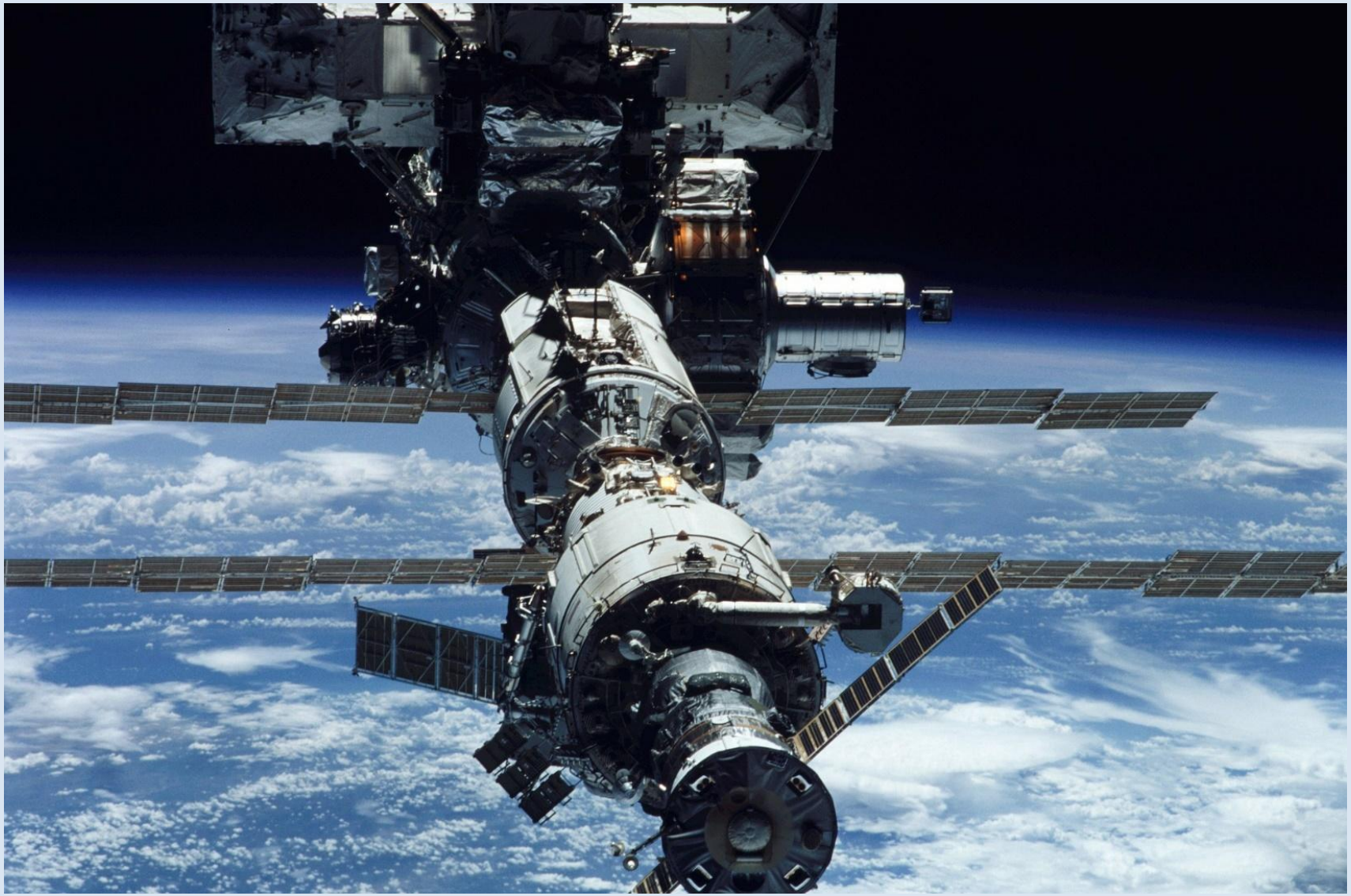
What is EarthKam?



Sally Ride EarthKam is a NASA educational program that makes it possible for students and teachers to learn about Earth from the perpective of space (the International Space Station).

During EarthKam missions students around the world request images of specific locations on Earth.

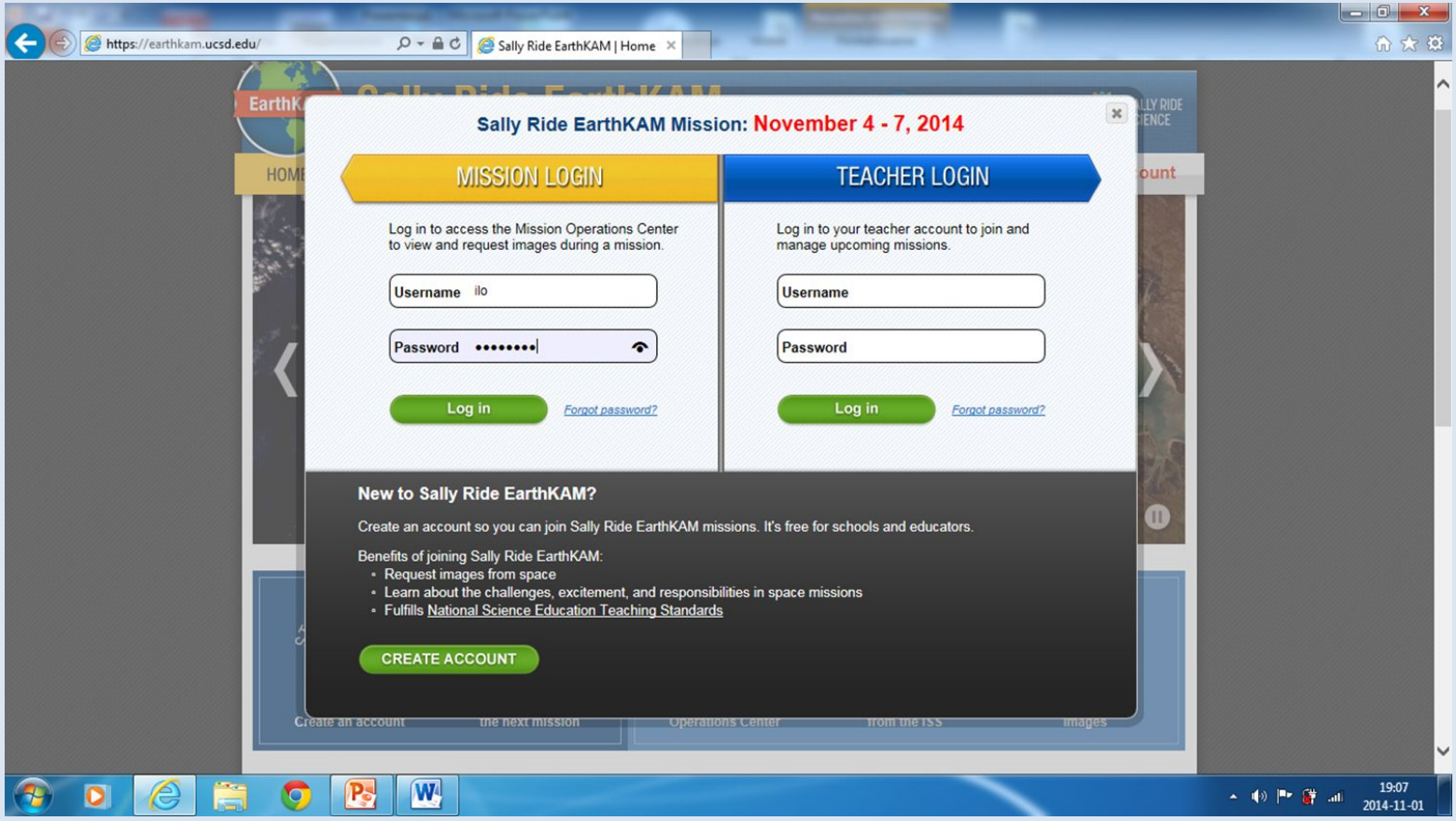
The program was started by Dr Sally Ride, America's first woman in space.

1. Enter the page

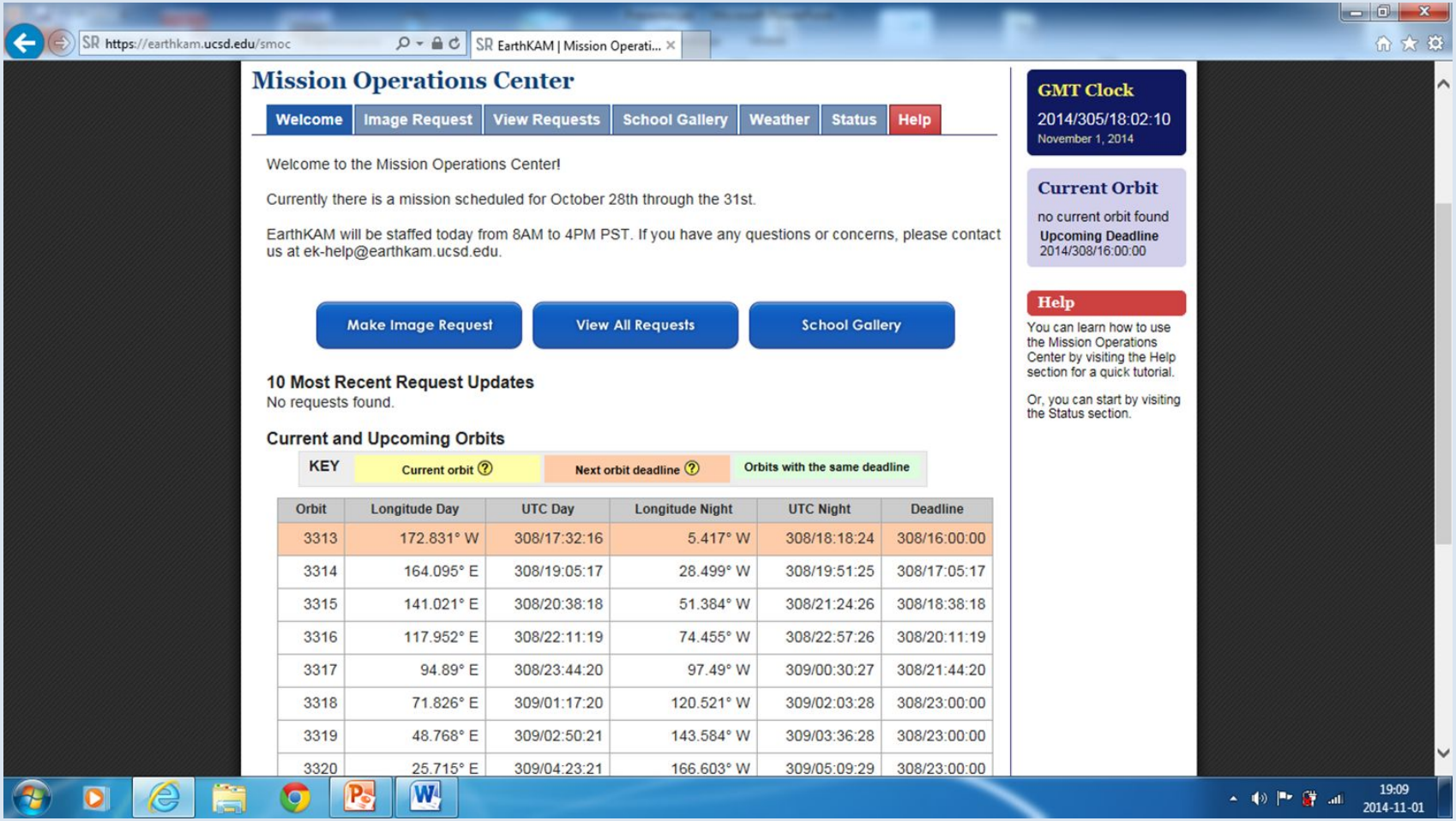
2. Click on the login and type in the box Login……

(given by the teacher)

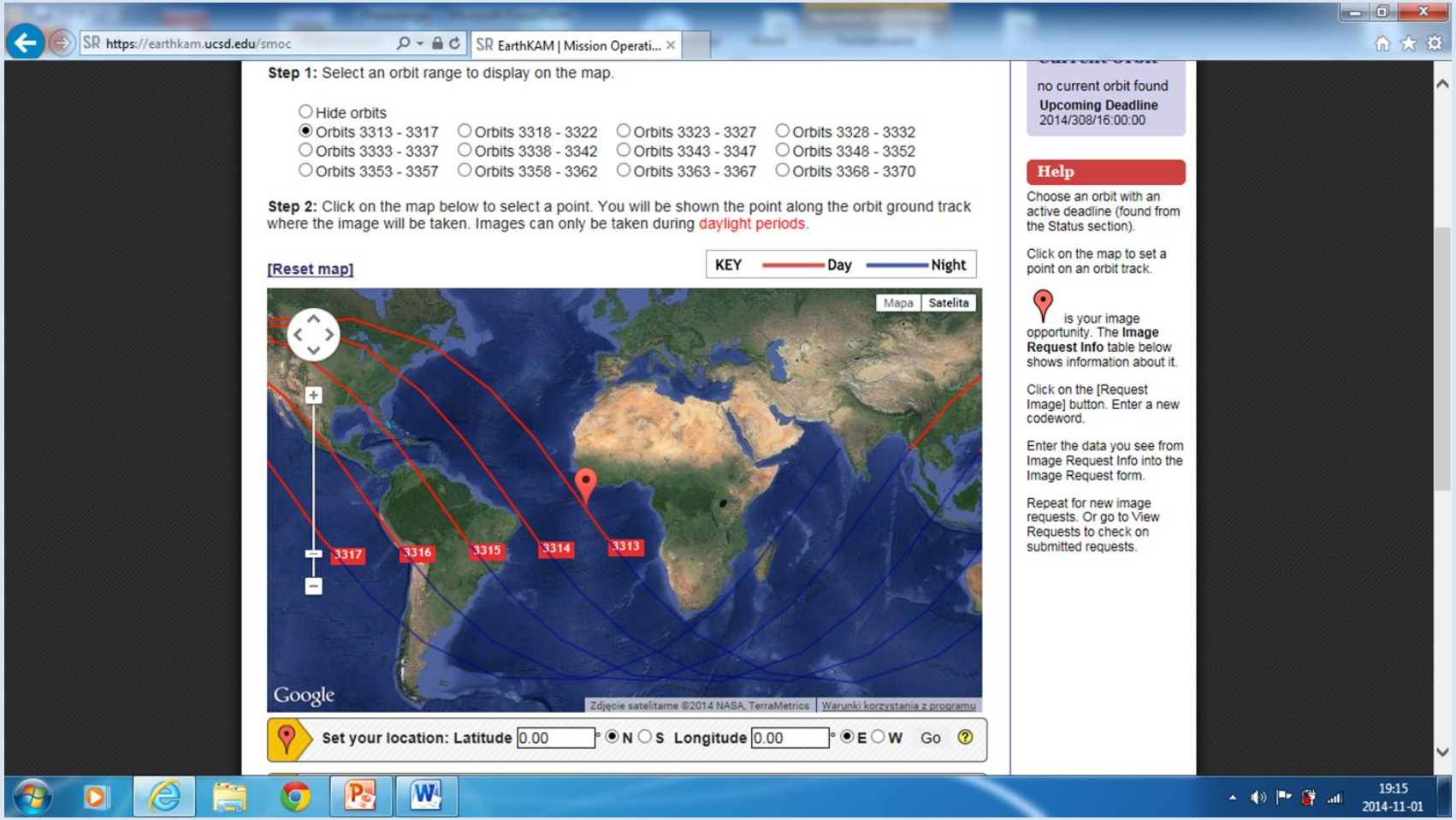
Password……



3. After you log in, you get such a screen and the numbers of the available orbits.

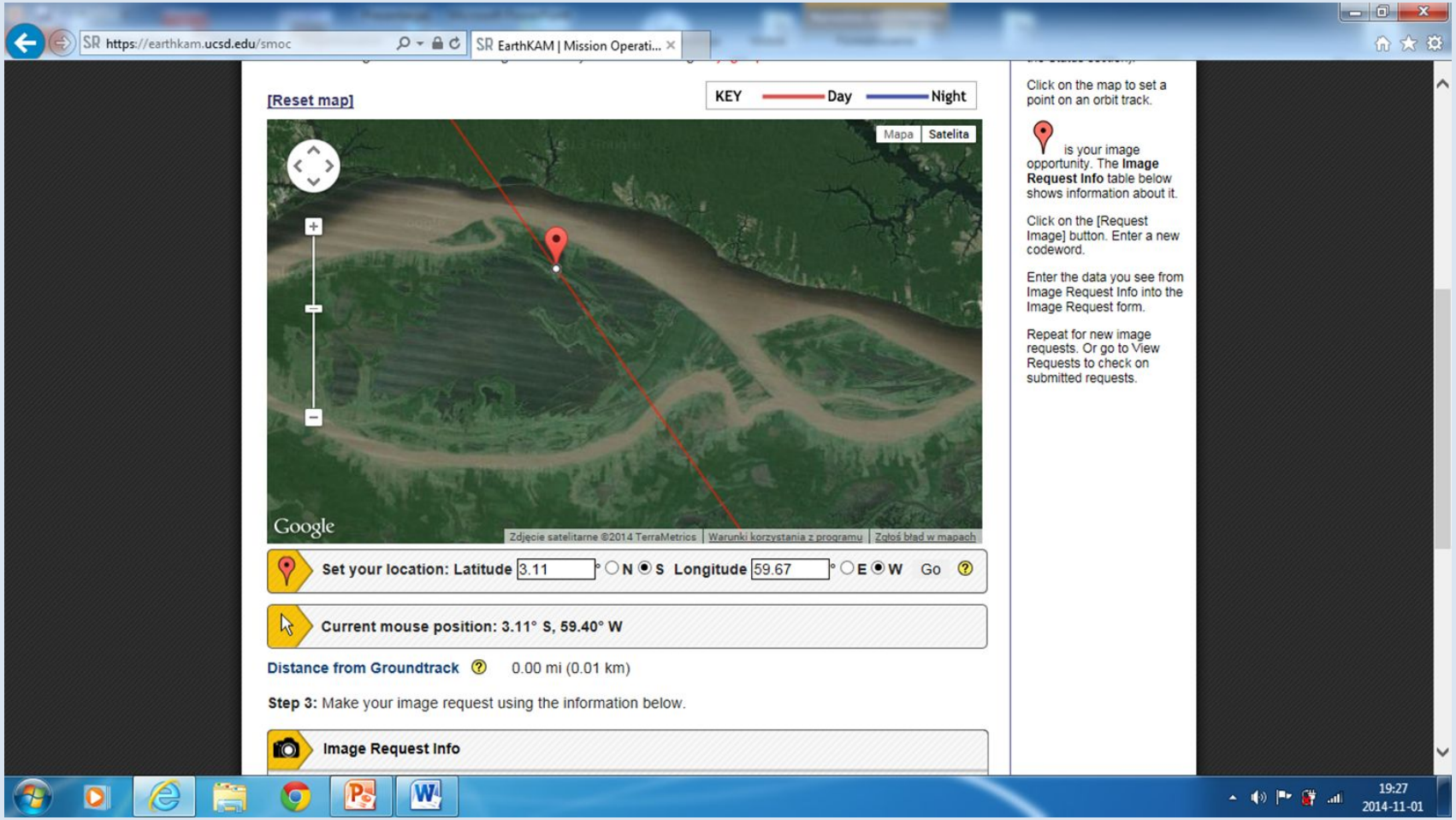


4. Click on the ***make image request*** and you'll get this:

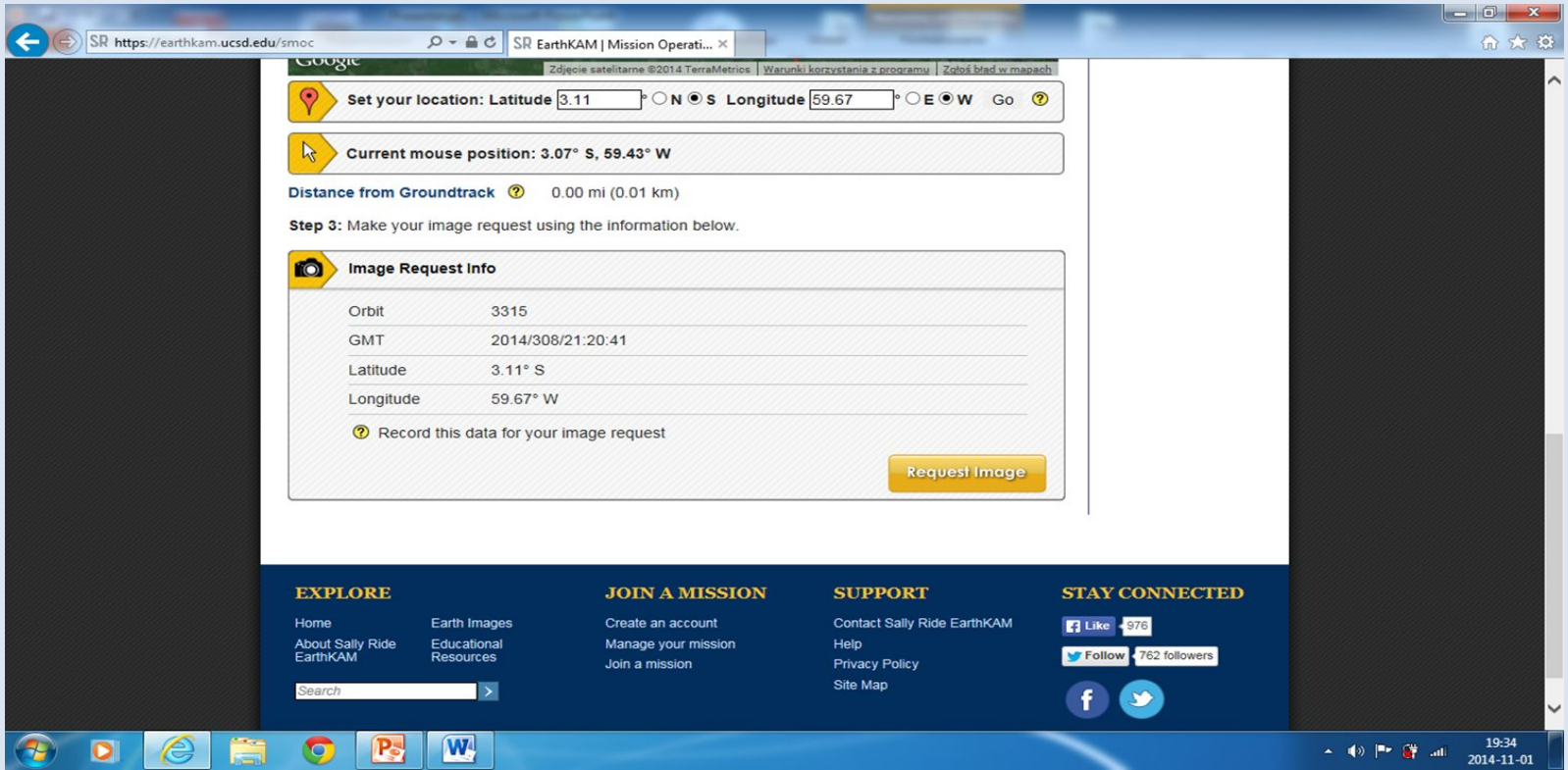


5. CD Procedure

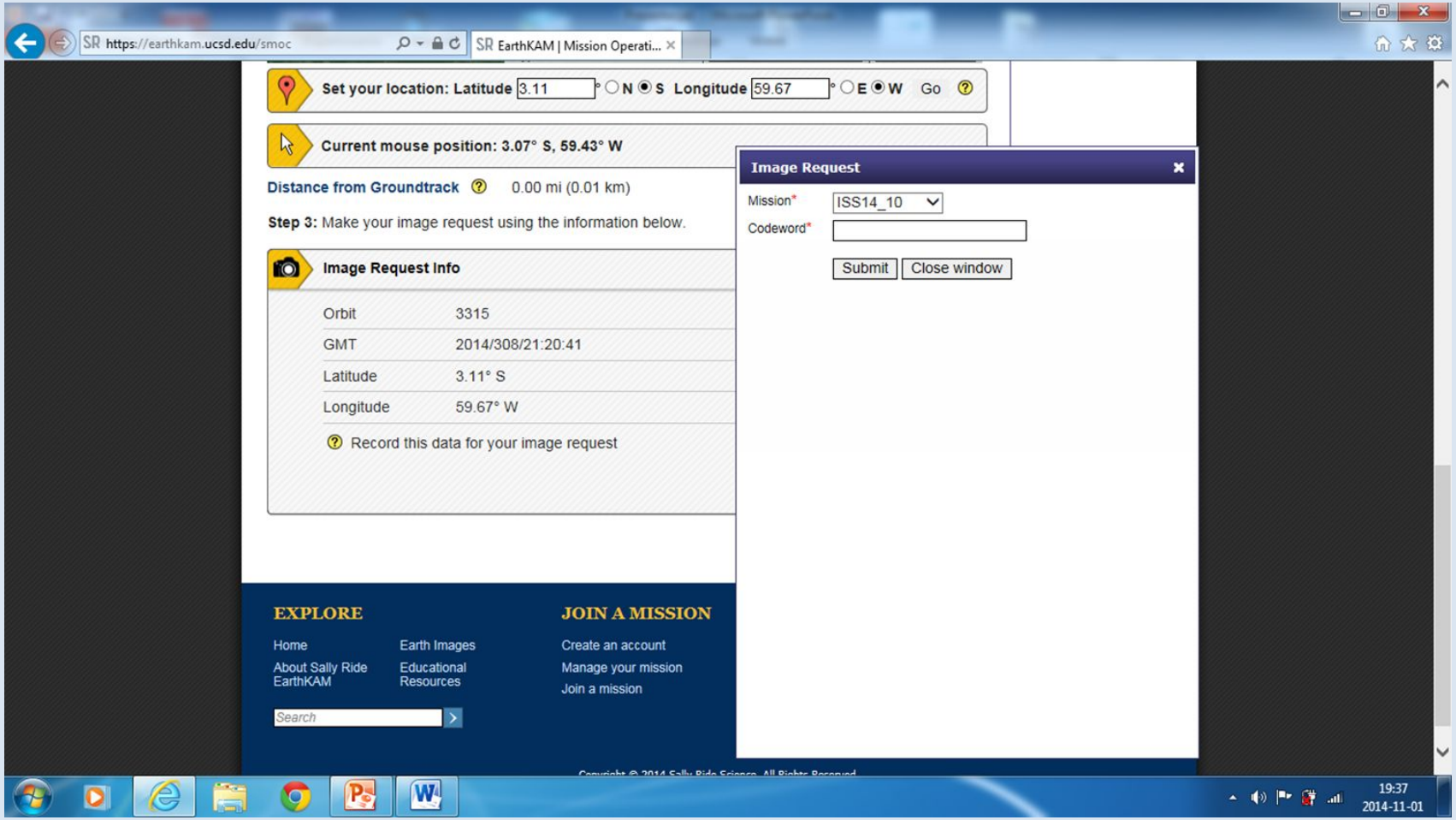
Tick the chosen orbit; there are 12 to choose from. You can only take pictures on the day orbits are red. Tick a place you want to photograph on a red line; a small circle appears. You can make it bigger to have a better quality of the picture.
Follow the next slide as an example.


https://earthkam.ucsd.edu/smoc
EarthKAM | Mission Operati...
[Reset map]
KEY
Day
Night
Mapa
Satelita
Google
Zdjęcie satelitarne ©2014 TerraMetrics
Warunki korzystania z programu
Zgłoś błąd w mapach
Set your location: Latitude 3.11 ° N S Longitude 59.67 ° E W Go
Current mouse position: 3.11° S, 59.40° W
Distance from Groundtrack 0.00 mi (0.01 km)
Step 3: Make your image request using the information below.
Image Request Info
Click on the map to set a point on an orbit track.
is your image opportunity. The Image Request Info table below shows information about it.
Click on the [Request Image] button. Enter a new codeword.
Enter the data you see from Image Request Info into the Image Request form.
Repeat for new image requests. Or go to View Requests to check on submitted requests.
19:27
2014-11-01

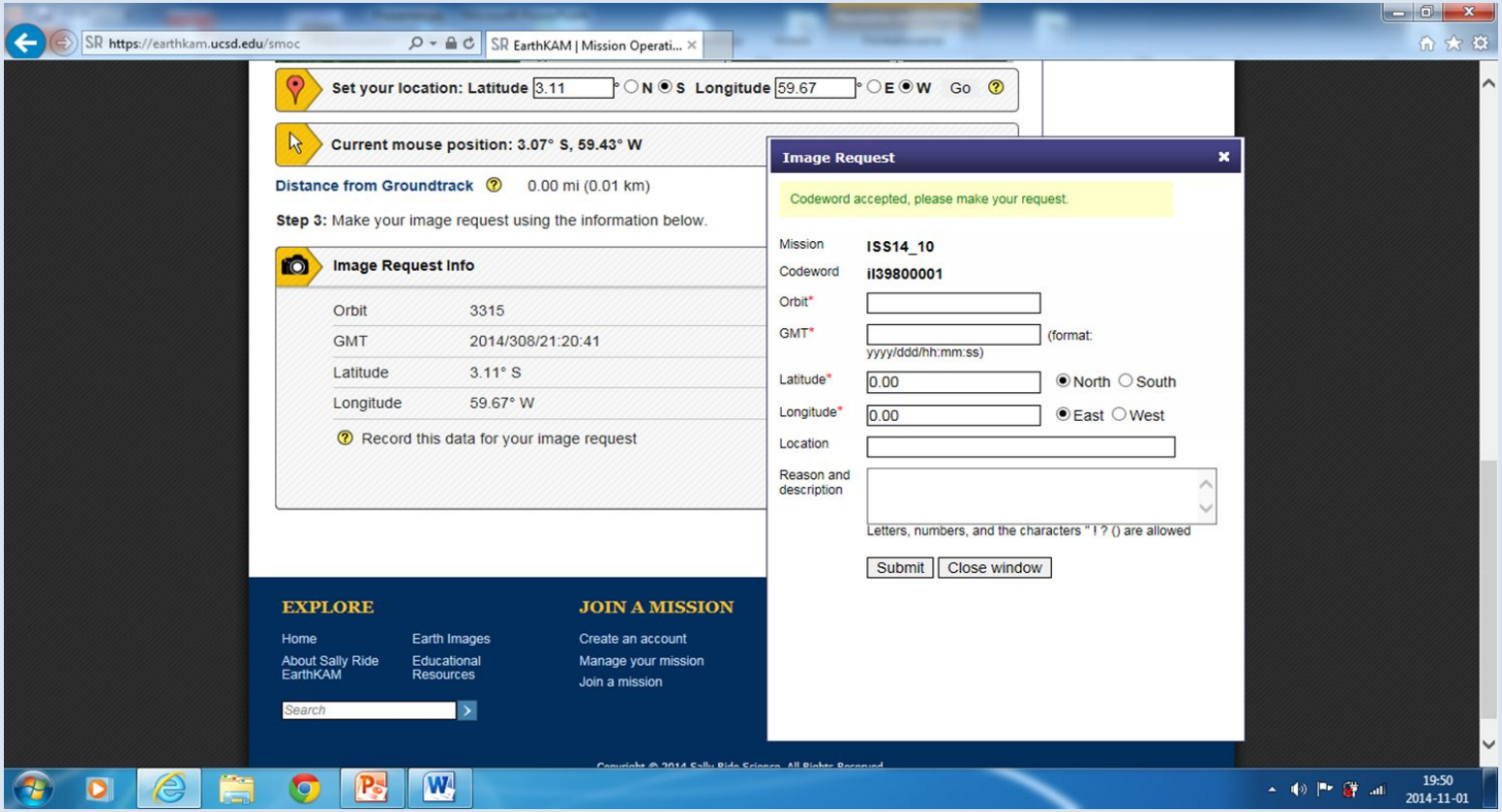
6. If you have chosen the best place on the orbit,there appears ***0,01 km in the Distance from Groundtrack .*** If you switch the picture from satellite to a map, you get either a satelite view or a map with the names of all the objects. When you are sure about the place to be photographed, click on the ***request image.***

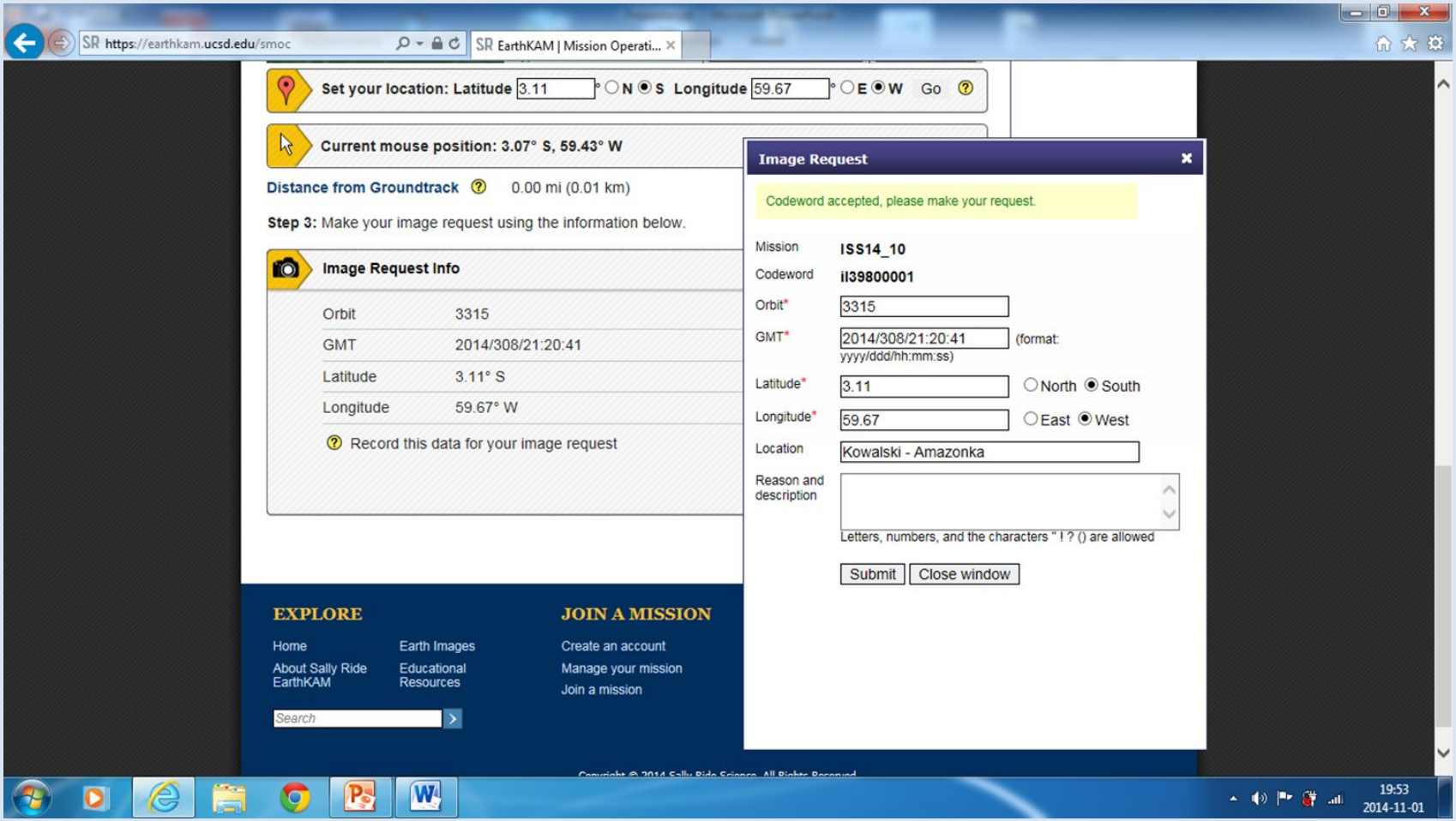


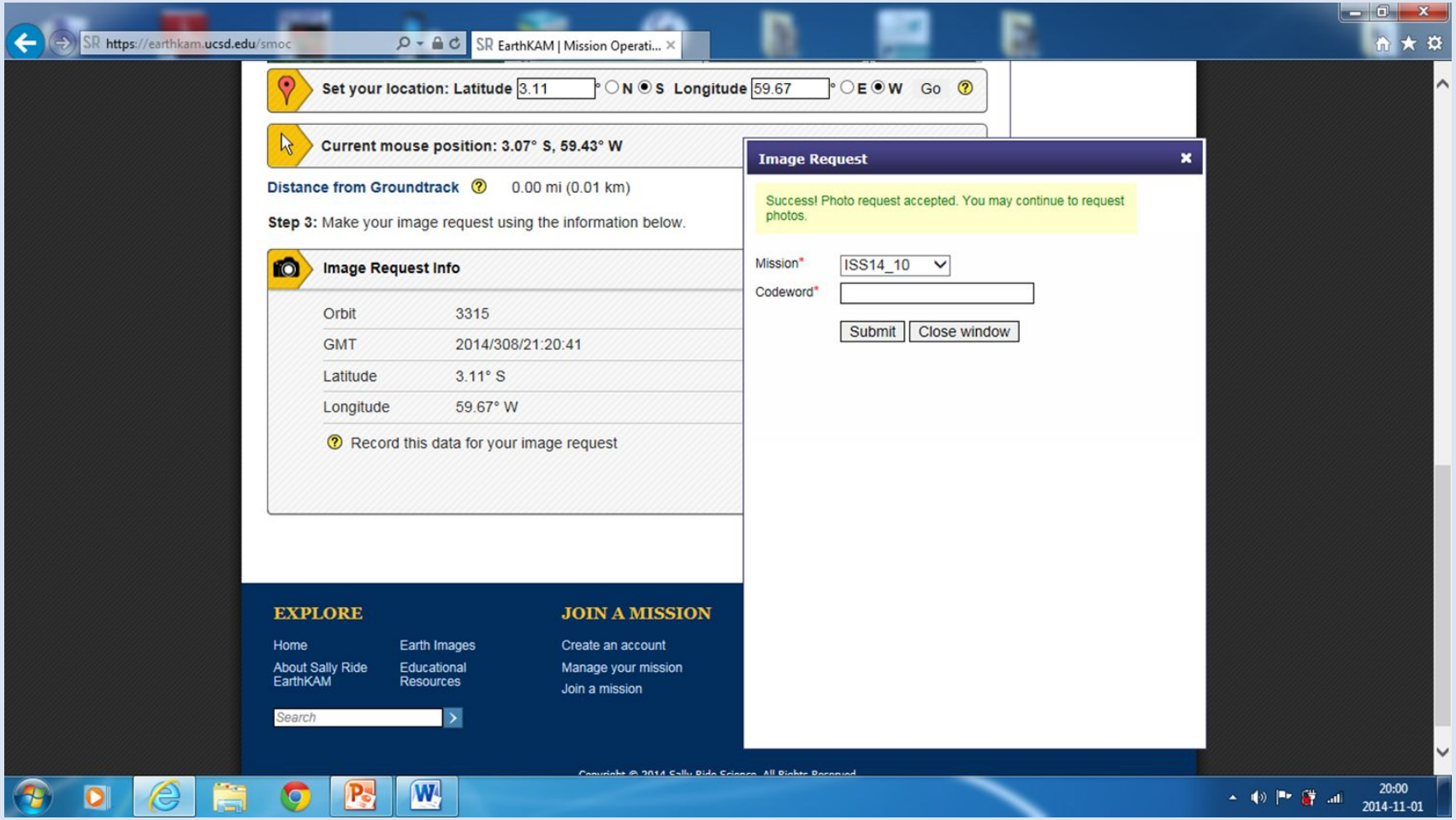
7. Write your codeword in the window - each person gets seven codes (one for a picture)



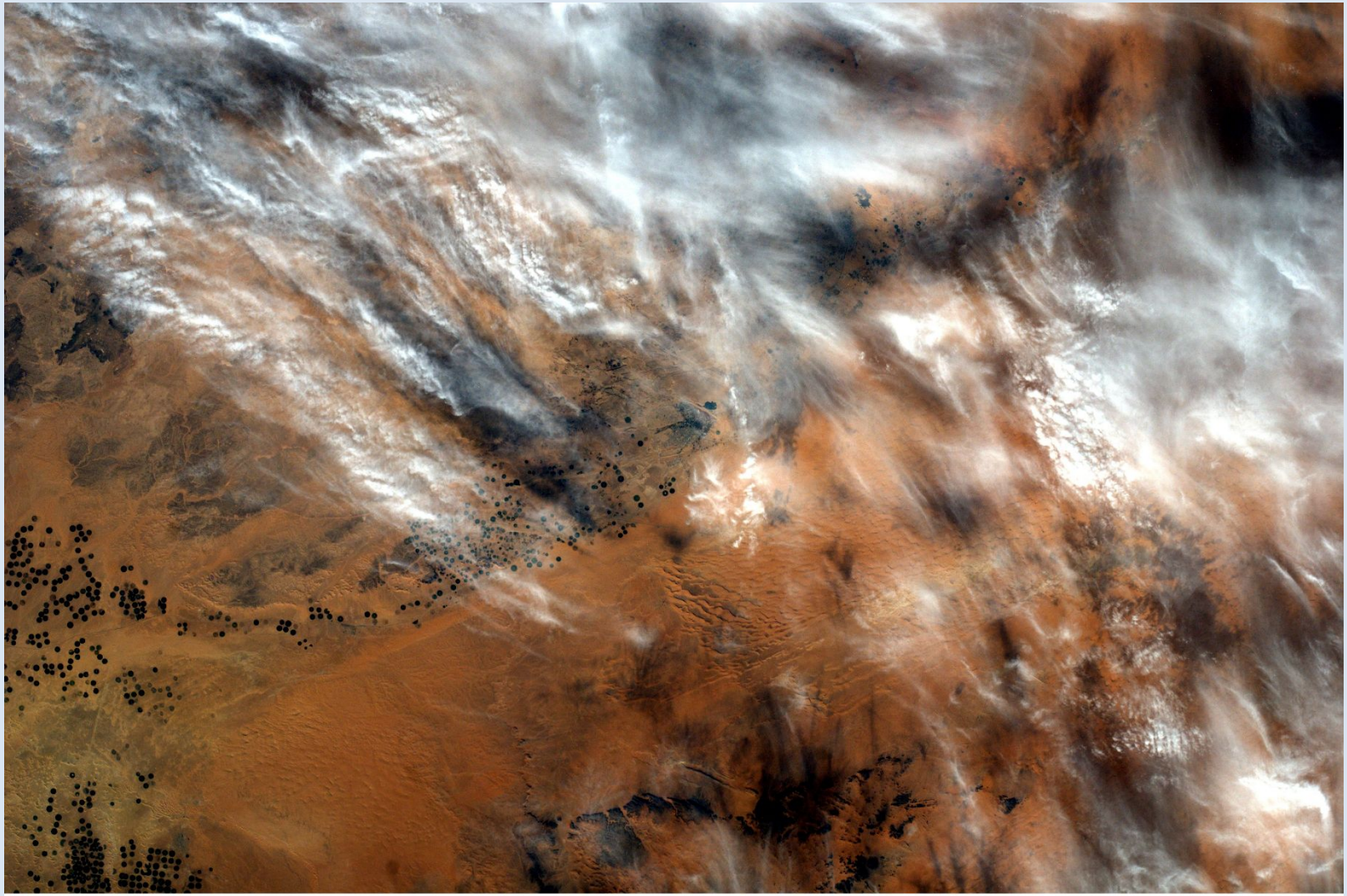
8. If you haven't made any mistakes, there appears the window like the one here. In case of an error, there appears a notice giving directions how to correct it. Then you click ***submit***, choose the small window and start the procedure from the beginning.



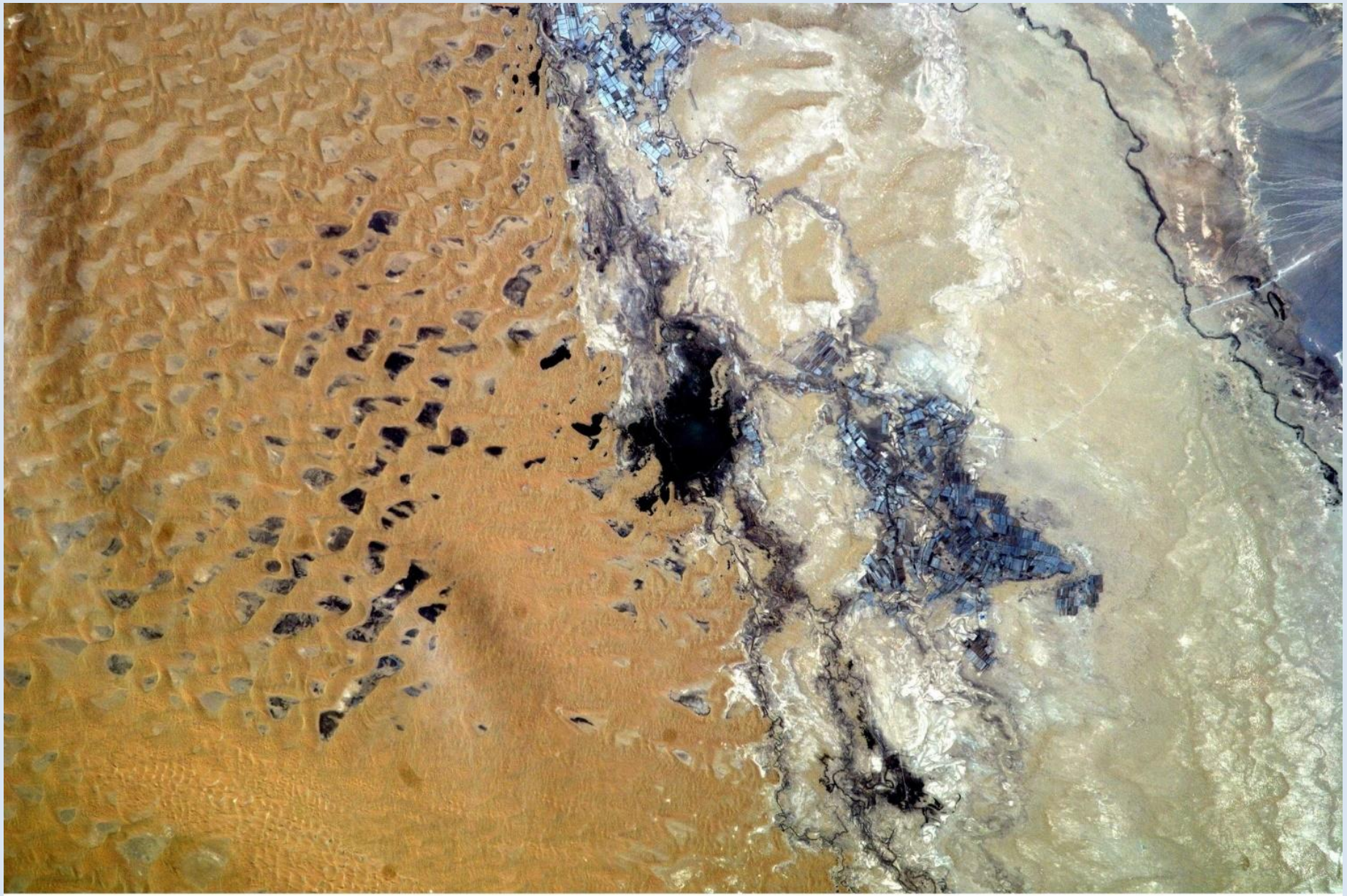

https://earthkam.ucsd.edu/smoc
EarthKAM | Mission Operati...
Set your location: Latitude 3.11 ° N S Longitude 59.67 ° E W Go
Current mouse position: 3.07° S, 59.43° W
Distance from Groundtrack 0.00 mi (0.01 km)
Step 3: Make your image request using the information below.
Image Request Info
Orbit 3315
GMT 2014/308/21:20:41
Latitude 3.11° S
Longitude 59.67° W
Record this data for your image request
Image Request
Codeword accepted, please make your request.
Mission ISS14_10
Codeword il39800001
Orbit* 3315
GMT* 2014/308/21:20:41 (format: yyyy/ddd/hh:mm:ss)
Latitude* 3.11 North South
Longitude* 59.67 East West
Location Kowalski - Amazonka
Reason and description
Letters, numbers, and the characters " ! ? () are allowed
Submit Close window
EXPLORE
Home
About Sally Ride EarthKAM
Earth Images
Educational Resources
Search
JOIN A MISSION
Create an account
Manage your mission
Join a mission
19:53
2014-11-01


https://earthkam.ucsd.edu/smoc
EarthKAM | Mission Operati...
Set your location: Latitude 3.11 ° N S Longitude 59.67 ° E W Go
Current mouse position: 3.07° S, 59.43° W
Distance from Groundtrack 0.00 mi (0.01 km)
Step 3: Make your image request using the information below.
Image Request Info
Orbit 3315
GMT 2014/308/21:20:41
Latitude 3.11° S
Longitude 59.67° W
Record this data for your image request
Image Request
Success! Photo request accepted. You may continue to request photos.
Mission* ISS14_10
Codeword*
Submit
Close window
EXPLORE
Home
About Sally Ride EarthKAM
Earth Images
Educational Resources
Search
JOIN A MISSION
Create an account
Manage your mission
Join a mission
20:00
2014-11-01

Here are our pictures from the previous EarthKam missions.



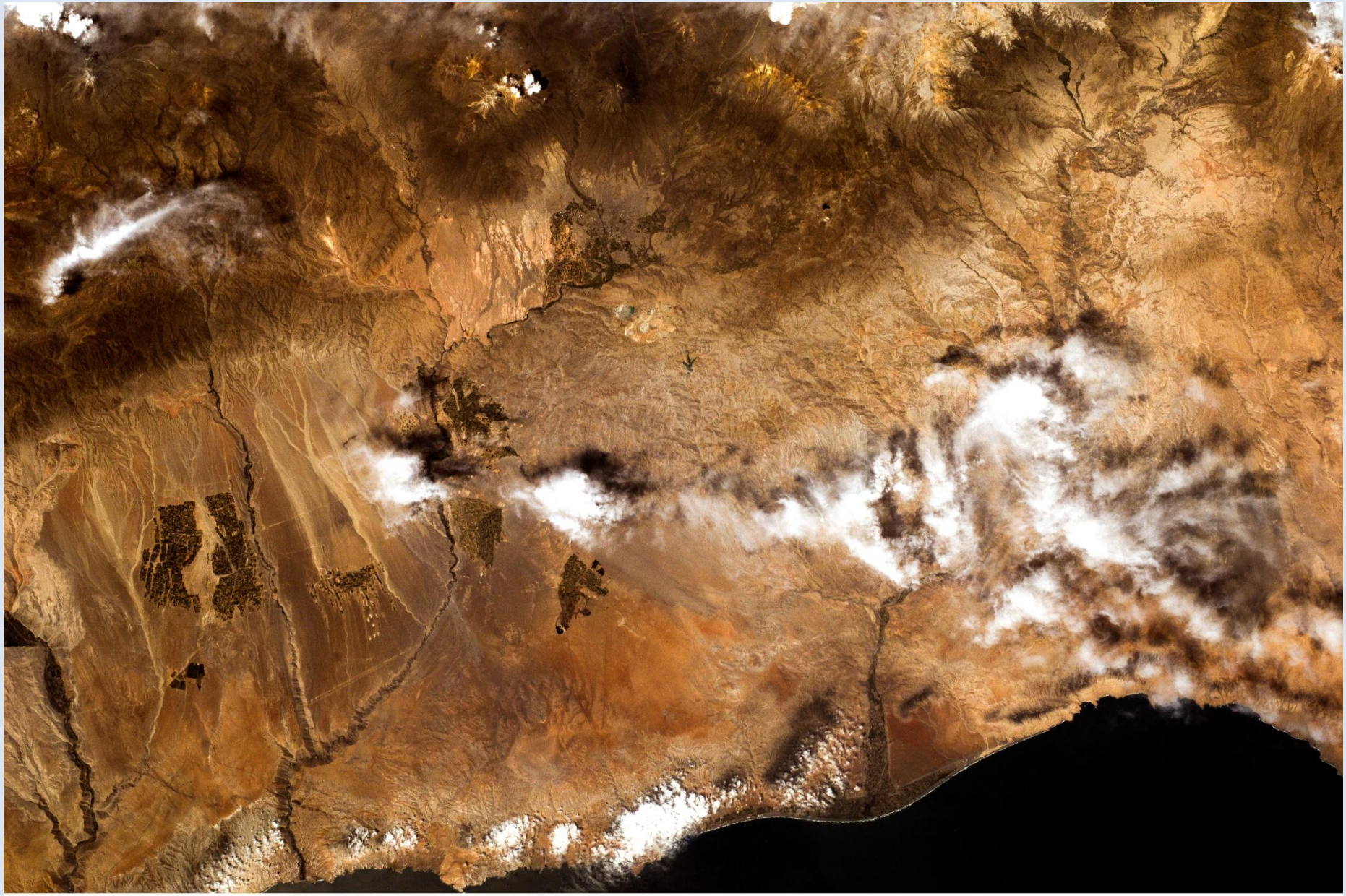
Damian Sowa IC **Arabia Saudyjska** 29.83° N, 39.73° E



Damian Sowa IIc

Sinciang, Chiny 40.41°N 87.35°E

Paulina Barnowska IB **41.60° N, 80.73° E** **Azja, Chiny**

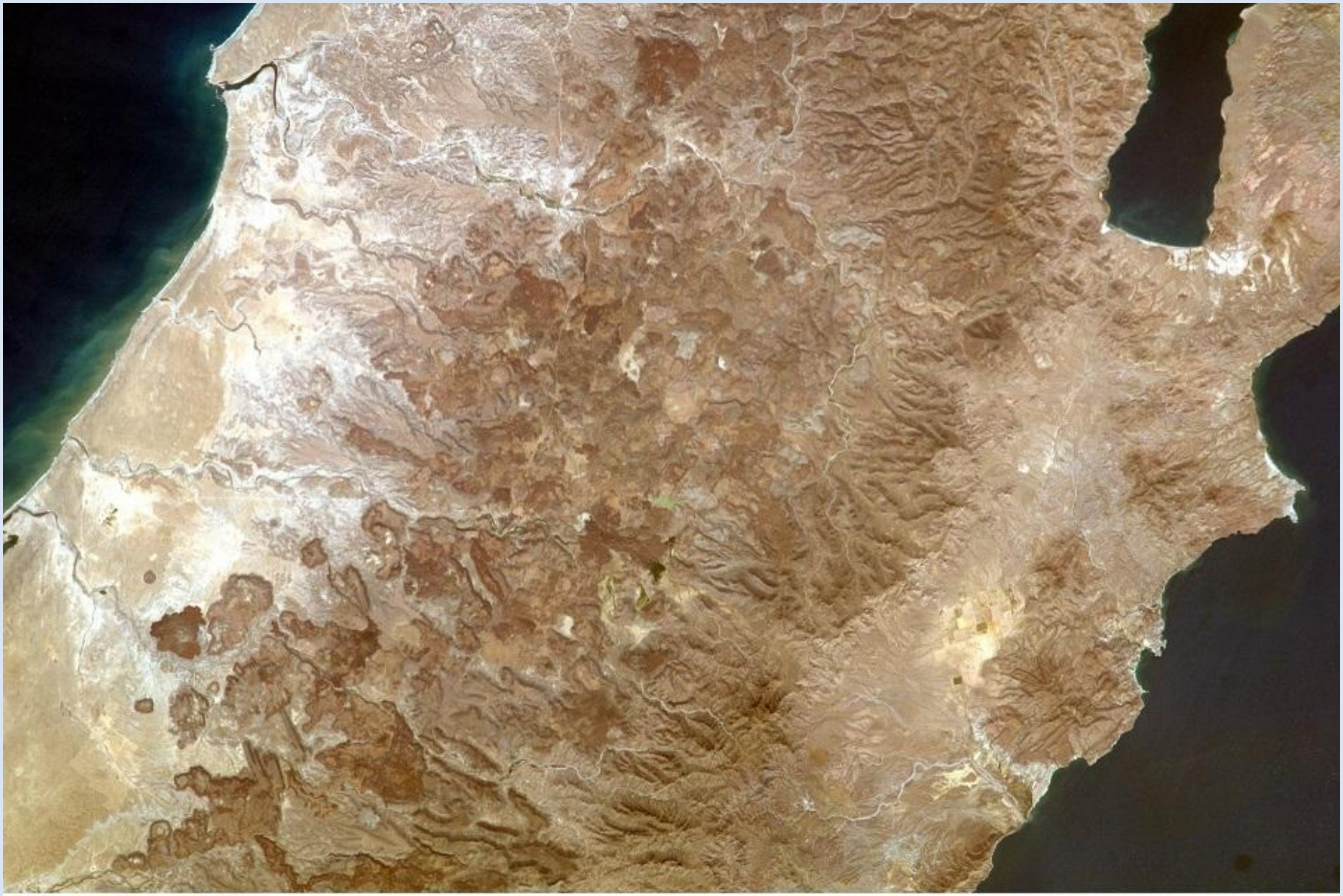


Peru - Kordyliera Zachodnia 18° S, 70.6° W

Kacper Malisz kl.IIC

KAROL TUREK IB MEKSYK 30.67° N, 111.91° W

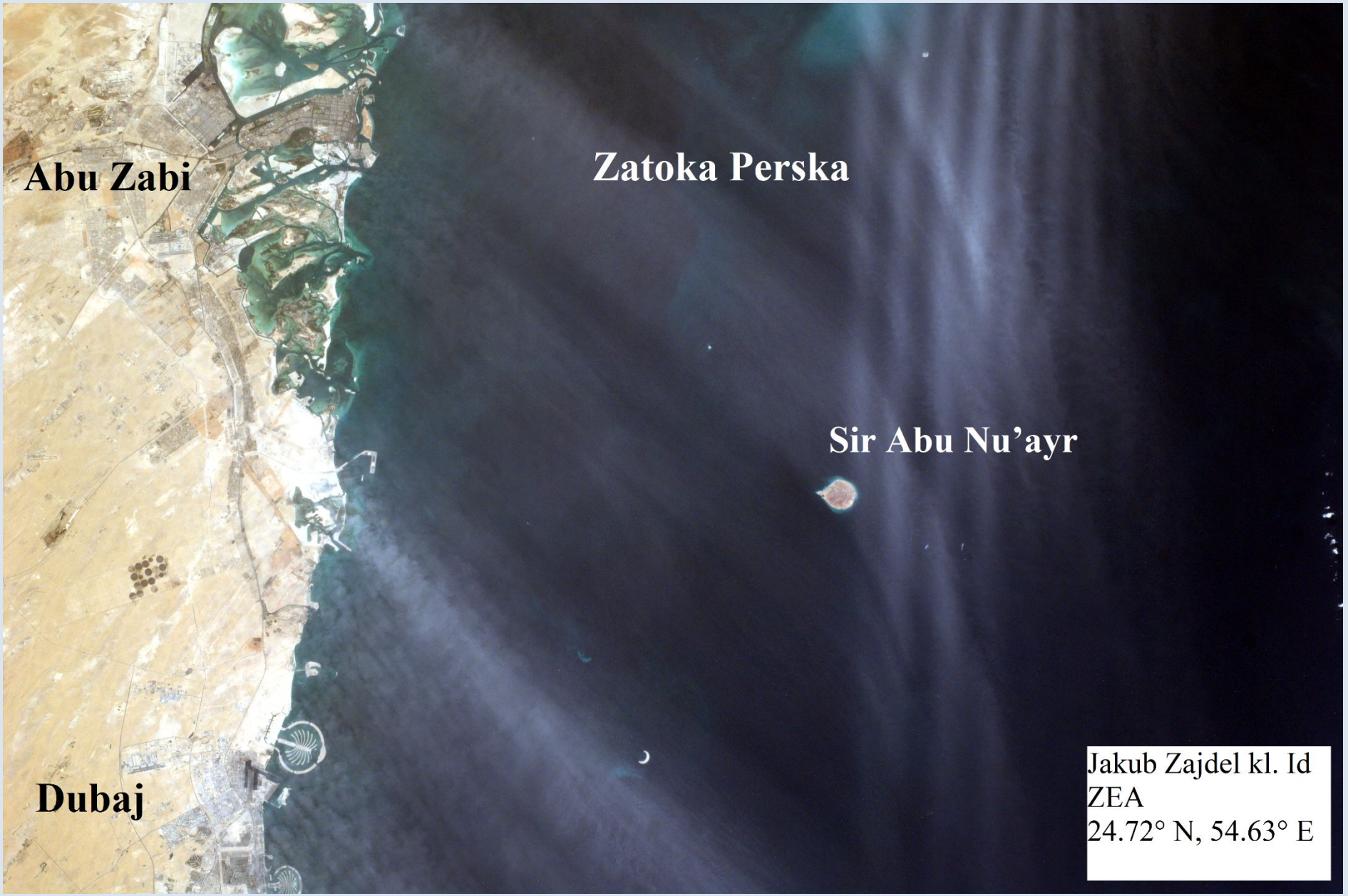
Hanna Zając kl Ic | Meksyk | 30.91° N 106.86° W

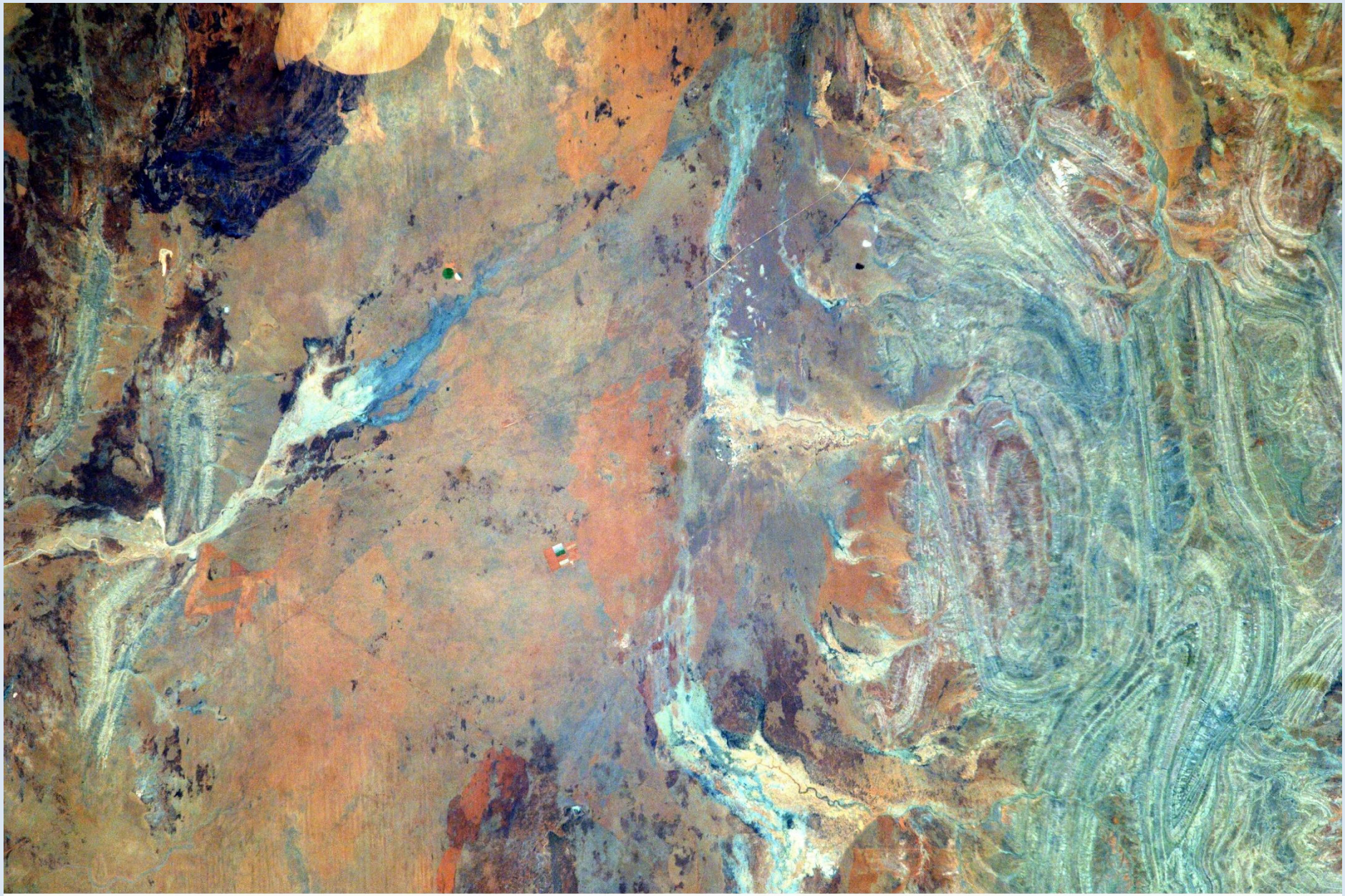


Hanna Zając kl Ic

Kalifornia Dolna Południowa

25.93° N 112.02° W


Abu Zabi
Zatoka Perska
Sir Abu Nu’ayr
Dubaj
Jakub Zajdel kl. Id
ZEA
24.72° N, 54.63° E



Damian Sowa llc **Australia** **20.82°S** **134.83°E**

The End

This presentation has been made by Wiktor Kretowicz within the framework of Erasmus+ project *Let's talk about soil*