



1  
00:00:00,450 --> 00:00:01,450  
Hi, I'm Tom!

2  
00:00:01,450 --> 00:00:02,450  
And I'm Kasha!

3  
00:00:02,450 --> 00:00:03,700  
And we work at NASA!

4  
00:00:03,700 --> 00:00:06,859  
Today, we're going to talk about outer space!

5  
00:00:06,859 --> 00:00:09,611  
That's not what we're talking about.

6  
00:00:09,611 --> 00:00:10,611  
Cut!

7  
00:00:10,611 --> 00:00:11,611  
[clap]  
We're going to talk about rockets!

8  
00:00:11,611 --> 00:00:13,540  
No, not today.

9  
00:00:13,540 --> 00:00:14,540  
Cut!

10  
00:00:14,540 --> 00:00:15,540  
[clap]

11  
00:00:15,540 --> 00:00:17,250  
The International Space Station!!

12  
00:00:17,250 --> 00:00:19,010  
[clap]  
Teleportation.

13

00:00:19,010 --> 00:00:22,530

That's not a thing we do

Wait, what?

14

00:00:22,530 --> 00:00:23,530

[clap]

15

00:00:23,530 --> 00:00:25,350

So, What are we talking about?

16

00:00:25,350 --> 00:00:26,560

Earth

[Music]

17

00:00:26,560 --> 00:00:28,960

Yep, that was my next guess.

18

00:00:28,960 --> 00:00:30,550

Earth science, field campaigns.

19

00:00:30,550 --> 00:00:31,550

Like real people.

20

00:00:31,550 --> 00:00:32,720

Doing real science.

21

00:00:32,720 --> 00:00:35,870

By plane, ship, or maybe even by dog sled.

22

00:00:35,870 --> 00:00:43,190

Scientist head out into the field of study

how and why our ever-changing planet is...ever-changing?

23

00:00:43,190 --> 00:00:44,590

Precisely.

24

00:00:44,590 --> 00:00:49,340

Earth Expeditions is the newest Earth Science

campaign from NASA, studying our planet/ right

25

00:00:49,340 --> 00:00:51,320

now/ at close range.

26

00:00:51,320 --> 00:00:58,880

Welcome to NASA's Earth Expeditions.

27

00:00:58,880 --> 00:01:04,949

[music]

28

00:01:04,949 --> 00:01:14,829

We're highlighting amazing science from around our planet, all over the World Wide

29

00:01:14,829 --> 00:01:15,829

Web.

30

00:01:15,829 --> 00:01:19,619

You'll be able to keep up @NASAEarth, NASA Television and nasa.gov, on just about anything

31

00:01:19,619 --> 00:01:22,020

with the word NASA on it.

32

00:01:22,020 --> 00:01:26,460

So understand NASA explores the earth as well as outer space; and what a lot of people don't

33

00:01:26,460 --> 00:01:28,880

realize is there are a lot of thing to learn about our home planet.

34

00:01:28,880 --> 00:01:33,880

When I want to find out information about our changing climate, it's pretty easy to

35

00:01:33,880 --> 00:01:40,229

whip out my phone and go to nasa.gov/earth

for the latest information but how does that

36

00:01:40,229 --> 00:01:41,619

info get there?

37

00:01:41,619 --> 00:01:44,689

Is that guy out there with a laptop and a thermometer I requested?

38

00:01:44,689 --> 00:01:47,260

[wind howls]

What a silly assumption....

39

00:01:47,260 --> 00:01:49,599

doesn't have to be a guy, could be a girl.

40

00:01:49,599 --> 00:01:50,599

[wind howl]

41

00:01:50,599 --> 00:01:55,840

Good point but check this out:

To better understand the Earth, NASA uses

42

00:01:55,840 --> 00:01:58,819

satellites, historical data and fieldwork.

43

00:01:58,819 --> 00:02:01,469

Earth Expeditions covers that fieldwork.

44

00:02:01,469 --> 00:02:06,819

The view from space gives us a global picture, but we go closer to the ground to get a granular

45

00:02:06,819 --> 00:02:09,220

view of what's going on.

46

00:02:09,220 --> 00:02:12,430

We call these closer looks "Field Campaigns".

47  
00:02:12,430 --> 00:02:17,450  
To really get into the nitty-gritty of what's  
happening with our home planet, we have to

48  
00:02:17,450 --> 00:02:21,569  
get on the ground, in the air or on the water.

49  
00:02:21,569 --> 00:02:28,430  
These are often intense moments of study over  
dramatic landscapes and in inhospitable conditions.

50  
00:02:28,430 --> 00:02:31,930  
Often our teams in the field are using new,  
one of a kind instruments to find out how

51  
00:02:31,930 --> 00:02:34,180  
our planet is changing.

52  
00:02:34,180 --> 00:02:38,569  
NASA has a long history of field campaigns,  
from the arctic, to deserts, from the cities

53  
00:02:38,569 --> 00:02:42,230  
to under the sea we're getting the data  
that is revealing the secrets about our changing

54  
00:02:42,230 --> 00:02:43,230  
planet.

55  
00:02:43,230 --> 00:02:44,230  
Cool.

56  
00:02:44,230 --> 00:02:46,670  
Now my phone's new screen saver is my favorite  
planet.

57  
00:02:46,670 --> 00:02:49,269  
and that's the goal, screensavers and vine  
videos.

58

00:02:49,269 --> 00:02:54,769

I mean the science is huge, and THIS IS A  
BIG YEAR for field campaigns at NASA.

59

00:02:54,769 --> 00:02:59,090

We are going out all over the world, from  
coral reefs in the South Pacific to the melting

60

00:02:59,090 --> 00:03:02,870

edges of the Greenland ice sheet and we will  
be taking you with us!

61

00:03:02,870 --> 00:03:07,730

Keep up with us by searching for #EarthExpedition  
all over social media and we'll keep you