



# DOWN TO EARTH

EPISODE 14

## Unity of Space

С. КРИКАЛЕВ  
S. KRIKALEV

1  
00:00:04,630 --> 00:00:03,030  
i read a lot of

2  
00:00:09,589 --> 00:00:04,640  
science fiction

3  
00:00:11,509 --> 00:00:09,599  
of that i thought well it that's

4  
00:00:15,860 --> 00:00:11,519  
probably interesting thing to spend my

5  
00:00:15,870 --> 00:00:24,390  
[Music]

6  
00:00:28,790 --> 00:00:26,470  
first on orbit you start to feel

7  
00:00:32,150 --> 00:00:28,800  
weightlessness and i remember first time

8  
00:00:35,110 --> 00:00:32,160  
looking outside i was amazed to see

9  
00:00:37,990 --> 00:00:35,120  
curved horizon because before that

10  
00:00:40,150 --> 00:00:38,000  
although we theoretically knew that we

11  
00:00:42,310 --> 00:00:40,160  
are on the globe but from orbit you

12  
00:00:45,029 --> 00:00:42,320  
already see curvature of the earth and

13  
00:00:47,670 --> 00:00:45,039

that was first surprise again i i knew

14

00:00:48,950 --> 00:00:47,680

it but to see with your own eyes that

15

00:00:51,270 --> 00:00:48,960

you have pretty

16

00:00:51,990 --> 00:00:51,280

thin layer of atmosphere that protecting

17

00:00:58,069 --> 00:00:52,000

us

18

00:01:02,150 --> 00:01:00,790

when you look down you have some kind of

19

00:01:05,590 --> 00:01:02,160

blue filter

20

00:01:08,550 --> 00:01:05,600

actually

21

00:01:10,550 --> 00:01:08,560

not so distinct so really

22

00:01:12,789 --> 00:01:10,560

green is not so green it's more like

23

00:01:15,830 --> 00:01:12,799

bluish green blue is more blue because

24

00:01:18,710 --> 00:01:15,840

again we have more blue from atmosphere

25

00:01:21,190 --> 00:01:18,720

and where we have really bright colors

26

00:01:23,830 --> 00:01:21,200

is on horizon especially during sunrise

27

00:01:29,960 --> 00:01:23,840

and sunset that's where we have a lot of

28

00:01:29,970 --> 00:01:40,069

[Music]

29

00:01:45,190 --> 00:01:42,710

when you look down i realize that little

30

00:01:46,870 --> 00:01:45,200

more difficult to find things on the

31

00:01:48,550 --> 00:01:46,880

surface than

32

00:01:50,950 --> 00:01:48,560

when you do it on the maps because on

33

00:01:53,510 --> 00:01:50,960

the maps you have borders but in space

34

00:01:54,870 --> 00:01:53,520

you have no borders and you have only

35

00:01:57,749 --> 00:01:54,880

natural

36

00:02:00,230 --> 00:01:57,759

rivers mountains beaches

37

00:02:02,709 --> 00:02:00,240

water and forest so you start to

38

00:02:03,990 --> 00:02:02,719

understand that in many cases our

39

00:02:06,230 --> 00:02:04,000

separation

40

00:02:07,590 --> 00:02:06,240

on the earth is more

41

00:02:09,109 --> 00:02:07,600

artificial

42

00:02:11,589 --> 00:02:09,119

naturally we are living in the same

43

00:02:20,390 --> 00:02:11,599

surface so you start to feel that we are

44

00:02:25,350 --> 00:02:22,390

underground we live in a different

45

00:02:27,990 --> 00:02:25,360

country with a different view on some

46

00:02:31,270 --> 00:02:28,000

things but being in space we

47

00:02:33,910 --> 00:02:31,280

we all exposed in harsh environment we

48

00:02:35,509 --> 00:02:33,920

all have about the same motivation to go

49

00:02:37,270 --> 00:02:35,519

up and

50

00:02:39,589 --> 00:02:37,280

majority of us and actually i would say

51  
00:02:41,990 --> 00:02:39,599  
all of us who was in space

52  
00:02:44,390 --> 00:02:42,000  
start to care about

53  
00:02:46,150 --> 00:02:44,400  
environment about earth about

54  
00:02:47,270 --> 00:02:46,160  
people on earth and you start to feel

55  
00:02:53,830 --> 00:02:47,280  
kind of

56  
00:02:57,910 --> 00:02:56,630  
we live on the same earth with the same

57  
00:03:00,869 --> 00:02:57,920  
bigger than

58  
00:03:02,949 --> 00:03:00,879  
uh station but still spacecraft that are

59  
00:03:06,470 --> 00:03:02,959  
flying through the space

60  
00:03:07,910 --> 00:03:06,480  
and we have joined

61  
00:03:11,270 --> 00:03:07,920  
problems together

62  
00:03:13,350 --> 00:03:11,280  
environmental technical

63  
00:03:16,070 --> 00:03:13,360

philosophical sometimes but we need to

64

00:03:17,190 --> 00:03:16,080

solve these problems together and that's

65

00:03:27,190 --> 00:03:17,200

the best

66

00:03:31,350 --> 00:03:29,270

i think what we do in space what we do

67

00:03:32,390 --> 00:03:31,360

in space together is a good example how

68

00:03:34,070 --> 00:03:32,400

people

69

00:03:35,910 --> 00:03:34,080

need to live on the ground

70

00:03:37,110 --> 00:03:35,920

i know that people sometimes start to

71

00:03:38,789 --> 00:03:37,120

argue with

72

00:03:40,390 --> 00:03:38,799

no good reason for that

73

00:03:43,190 --> 00:03:40,400

but again especially when you're in

74

00:03:46,550 --> 00:03:43,200

harsh environment you rely on each other

75

00:03:49,030 --> 00:03:46,560

you try to help each other that's how we

76

00:03:51,350 --> 00:03:49,040

live in space and that's probably

77

00:03:54,229 --> 00:03:51,360

can be a good example for for people on

78

00:03:55,750 --> 00:03:54,239

the ground i'm happy that

79

00:03:58,470 --> 00:03:55,760

all this political

80

00:04:01,270 --> 00:03:58,480

turbulence doesn't affect us too much we

81

00:04:04,070 --> 00:04:01,280

try to keep this area protected and

82

00:04:06,550 --> 00:04:04,080

keep this good example to show

83

00:04:08,710 --> 00:04:06,560

maybe politicians and maybe other people

84

00:04:26,150 --> 00:04:08,720

in my country in your country showing