

THE PEOPLE BEHIND SWOT



Jet Propulsion Laboratory
California Institute of Technology



3-3053

→ (NO LFA ONLY)

1
00:00:04,970 --> 00:00:01,750

[Music]

2
00:00:07,130 --> 00:00:04,980

planning for future Generations requires

3
00:00:10,009 --> 00:00:07,140

us understanding how much water we have

4
00:00:12,410 --> 00:00:10,019

and we need to understand the water

5
00:00:14,629 --> 00:00:12,420

cycle in a lot of detail and swap will

6
00:00:16,609 --> 00:00:14,639

provide that for us my name is tehenny

7
00:00:18,349 --> 00:00:16,619

Amber I'm Cedric David Mark Simard

8
00:00:20,689 --> 00:00:18,359

Christine Jabara and I'm an integration

9
00:00:22,310 --> 00:00:20,699

test engineer at JPL I study the world's

10
00:00:25,310 --> 00:00:22,320

Rivers I'm one of the principal

11
00:00:27,109 --> 00:00:25,320

investigators for SWAT SWAT is an Earth

12
00:00:29,929 --> 00:00:27,119

orbiting satellite it stands for surface

13
00:00:31,669 --> 00:00:29,939

water ocean topography SWAT will for the

14

00:00:34,130 --> 00:00:31,679

first time make measurement of water

15

00:00:37,430 --> 00:00:34,140

surface elevation not only on the ocean

16

00:00:40,069 --> 00:00:37,440

but also on the lakes and rivers of the

17

00:00:42,190 --> 00:00:40,079

entire Globe this in itself will be a

18

00:00:45,110 --> 00:00:42,200

scientific revolution

19

00:00:47,810 --> 00:00:45,120

collaborations and relationship build

20

00:00:49,569 --> 00:00:47,820

Bridges and SWAT will be that bridge

21

00:00:53,389 --> 00:00:49,579

across the world

22

00:00:55,430 --> 00:00:53,399

is being designed jointly by NASA and

23

00:00:57,950 --> 00:00:55,440

the French space agency with help from

24

00:01:00,470 --> 00:00:57,960

Canada and the UK I was born in France

25

00:01:02,209 --> 00:01:00,480

so SWA is a match made in heaven for me

26

00:01:04,670 --> 00:01:02,219

coming to work every day it's always

27

00:01:06,289 --> 00:01:04,680

really nice to know that the system that

28

00:01:08,870 --> 00:01:06,299

we're building will collect science data

29

00:01:12,109 --> 00:01:08,880

that will help people I think finally I

30

00:01:14,210 --> 00:01:12,119

found a meaning to all of my research I

31

00:01:16,850 --> 00:01:14,220

believe SWAT will create a lot of Peace

32

00:01:18,890 --> 00:01:16,860

because we all need water now more than

33

00:01:21,050 --> 00:01:18,900

ever it's important to recognize that

34

00:01:23,790 --> 00:01:21,060

water connects us all and it might be