

The People Behind SWOT: **TAHANI AMER**



Jet Propulsion Laboratory
California Institute of Technology



1
00:00:04,550 --> 00:00:01,510

[Music]

2
00:00:06,110 --> 00:00:04,560

when you turn the faucet we take it

3
00:00:08,210 --> 00:00:06,120

automatically that the water will come

4
00:00:11,330 --> 00:00:08,220

this places on the wall don't have this

5
00:00:14,030 --> 00:00:11,340

opportunities my name is tahini Amer and

6
00:00:16,490 --> 00:00:14,040

I work at Nasa as a program executive

7
00:00:19,780 --> 00:00:16,500

and I'm excited to be part of the SWAT

8
00:00:32,229 --> 00:00:19,790

team because water unites us all

9
00:00:34,970 --> 00:00:32,239

[Music]

10
00:00:37,370 --> 00:00:34,980

SWAT is one of my missions and my

11
00:00:40,369 --> 00:00:37,380

function is to ensure SWAT Mission

12
00:00:42,889 --> 00:00:40,379

success working with NASA will taught me

13
00:00:45,229 --> 00:00:42,899

one thing is to be a team player who

14

00:00:47,270 --> 00:00:45,239

work with hundreds sometimes thousands

15

00:00:49,910 --> 00:00:47,280

of people and you really need to

16

00:00:52,910 --> 00:00:49,920

appreciate everybody in the team and be

17

00:00:56,510 --> 00:00:52,920

able to work together so collaborations

18

00:00:59,290 --> 00:00:56,520

and relationship build Bridges and SWAT

19

00:01:02,389 --> 00:00:59,300

will be the bridge across the world

20

00:01:05,450 --> 00:01:02,399

SWAT is a very unique project we need to

21

00:01:07,670 --> 00:01:05,460

understand the water cycle in a lot of

22

00:01:09,590 --> 00:01:07,680

detail and SWAT is going to be one of

23

00:01:11,750 --> 00:01:09,600

the first satellite that will measure

24

00:01:14,690 --> 00:01:11,760

Global Water so we'll have a better

25

00:01:17,149 --> 00:01:14,700

understanding of our water and our water

26

00:01:19,490 --> 00:01:17,159

accessibility we have to be able to

27

00:01:22,190 --> 00:01:19,500

understand the changes of the water

28

00:01:26,030 --> 00:01:22,200

around us and then we can conserve water

29

00:01:28,070 --> 00:01:26,040

my father used to work in water too he

30

00:01:31,490 --> 00:01:28,080

used to work for the Nile River for the

31

00:01:34,130 --> 00:01:31,500

High Dam in Egypt growing up and easy

32

00:01:35,990 --> 00:01:34,140

with my dad was always encouraging me he

33

00:01:37,670 --> 00:01:36,000

said uh boys and girls there is no

34

00:01:39,230 --> 00:01:37,680

difference between them and my dad was

35

00:01:40,249 --> 00:01:39,240

the one who was really supporting me to

36

00:01:42,469 --> 00:01:40,259

do science

37

00:01:45,770 --> 00:01:42,479

in my face gave me the confidence and

38

00:01:48,590 --> 00:01:45,780

the strengths to do more so I can show

39
00:01:51,230 --> 00:01:48,600
the whole world that Muslim woman can do

40
00:01:53,749 --> 00:01:51,240
anything she wants to wanted my passion

41
00:01:56,270 --> 00:01:53,759
right now is and making sure that

42
00:01:58,910 --> 00:01:56,280
everybody has a voice and a table and to

43
00:02:01,969 --> 00:01:58,920
have a pipeline with a new Fresh ideas

44
00:02:04,550 --> 00:02:01,979
from Young engineer and science

45
00:02:06,530 --> 00:02:04,560
what I love about SWAT is water is the

46
00:02:08,870 --> 00:02:06,540
burst of everything and it's very

47
00:02:11,040 --> 00:02:08,880
rewarding to me that I can do even a