

Dec 2016



1

00:00:00,040 --> 00:00:03,180

Hi, I'm Jim Garvin, Chief Scientist and NASA Goddard

2

00:00:03,200 --> 00:00:07,020

and I'm interested in how volcanoes work, evolve and tell us about

3

00:00:07,040 --> 00:00:08,630

Earth and Mars.

4

00:00:08,650 --> 00:00:12,160

And the birth and, what we thought we be the death of

5

00:00:12,180 --> 00:00:14,850

Hunga Tonga-Hunga Ha'apai, in the Southwest Pacific

6

00:00:14,870 --> 00:00:16,740

island nation of Tonga

7

00:00:16,760 --> 00:00:21,570

has been captured in timelapse photography from space for the first time

8

00:00:21,590 --> 00:00:24,930

adding three dimensions so we can watch the landscape

9

00:00:24,950 --> 00:00:26,860

respond to the forces of Planet Earth

10

00:00:26,880 --> 00:00:29,230

and see it in its different life stages

11

00:00:29,250 --> 00:00:31,510

sort of like we watch our children grow up

12

00:00:31,530 --> 00:00:34,290

here we see this island evolving to its present state

13

00:00:34,310 --> 00:00:37,580

against all odds, surviving nearly three years

14

00:00:37,600 --> 00:00:39,760

against the battering of the Pacific Ocean.

15

00:00:39,780 --> 00:00:44,980

This is the lifestyle of an island evolving in space and time