1
00:00:18,200 --> 00:00:15,770
every year thousands of people are

2
00:00:21,140 --> 00:00:18,210
affected by tick-borne diseases such as

3
00:00:23,480 --> 00:00:21,150
Lyme disease NASA's develop program

4
00:00:25,820 --> 00:00:23,490
teams up with universities and their

5
00:00:29,269 --> 00:00:25,830
students to leverage NASA's existing

6
00:00:31,669 --> 00:00:29,279
assets to help solve real problems how

7
00:00:33,799 --> 00:00:31,679
do they do that using aster satellite

8
00:00:35,870 --> 00:00:33,809
imagery from NASA we can we can map

9
00:00:37,670 --> 00:00:35,880
vegetation and soil moisture levels and

10
00:00:39,799 --> 00:00:37,680
use that to predict where the most

11
00:00:42,410 --> 00:00:39,809
likely take habitats would be and with

12
00:00:45,380 --> 00:00:42,420
NASA's satellite data and models it's an

13
00:00:47,450 --> 00:00:45,390

ideal combination to go into the public

14
00:00:49,970 --> 00:00:47,460
health community and provide them

15
00:00:53,180 --> 00:00:49,980
information that they need to do their

16
00:00:56,150 --> 00:00:53,190
job well what this does is it provides a

17
00:00:57,950 --> 00:00:56,160
way of returning a large benefit to the