



1

00:00:00,100 --> 00:00:04,130

Narrator: It's a brand new year, with bold new missions.

2

00:00:04,150 --> 00:00:08,180

Last year, NASA's Earth Expeditions covered the globe,

3

00:00:08,200 --> 00:00:12,300

studying coral reefs, glaciers, air quality,

4

00:00:12,320 --> 00:00:16,480

dust particles, plankton, greenhouse gases, and the changing Arctic.

5

00:00:16,500 --> 00:00:20,670

This year three new missions join the effort to study

6

00:00:20,690 --> 00:00:24,780

our home planet. The HypsIRI mission will fly out of Hawaii,

7

00:00:24,800 --> 00:00:28,860

measuring volcanic gas emissions and coral reef health.

8

00:00:28,880 --> 00:00:32,960

The PACE mission will cover the Pacific, studying tiny plants in the ocean called

9

00:00:32,980 --> 00:00:37,010

phytoplankton and their impact on the marine carbon cycle.

10

00:00:37,030 --> 00:00:41,150

And the SnowEx mission kicks off in Colorado to determine how much

11

00:00:41,170 --> 00:00:44,810

water is stored in Earth's snow-covered regions.