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1

00:00:00,750 --> 00:00:03,040

The oceans are responding to Earth's changing climate

2

00:00:03,060 --> 00:00:06,080

in ways that we are only beginning to understand.

3

00:00:06,100 --> 00:00:08,050

Given that phytoplankton are responsible

4

00:00:08,070 --> 00:00:10,580

for over half of the oxygen we breathe

5

00:00:10,600 --> 00:00:13,180

and form the base of the marine food chain,

6

00:00:13,200 --> 00:00:14,900

it is critical to understand

7

00:00:14,920 --> 00:00:18,480

how they are responding to these climate forcings as well.

8

00:00:18,500 --> 00:00:21,080

NASA has been using satellites, aircraft, and ships

9

00:00:21,100 --> 00:00:22,540

to study the biology of our oceans

10

00:00:22,560 --> 00:00:24,300

for over three decades.