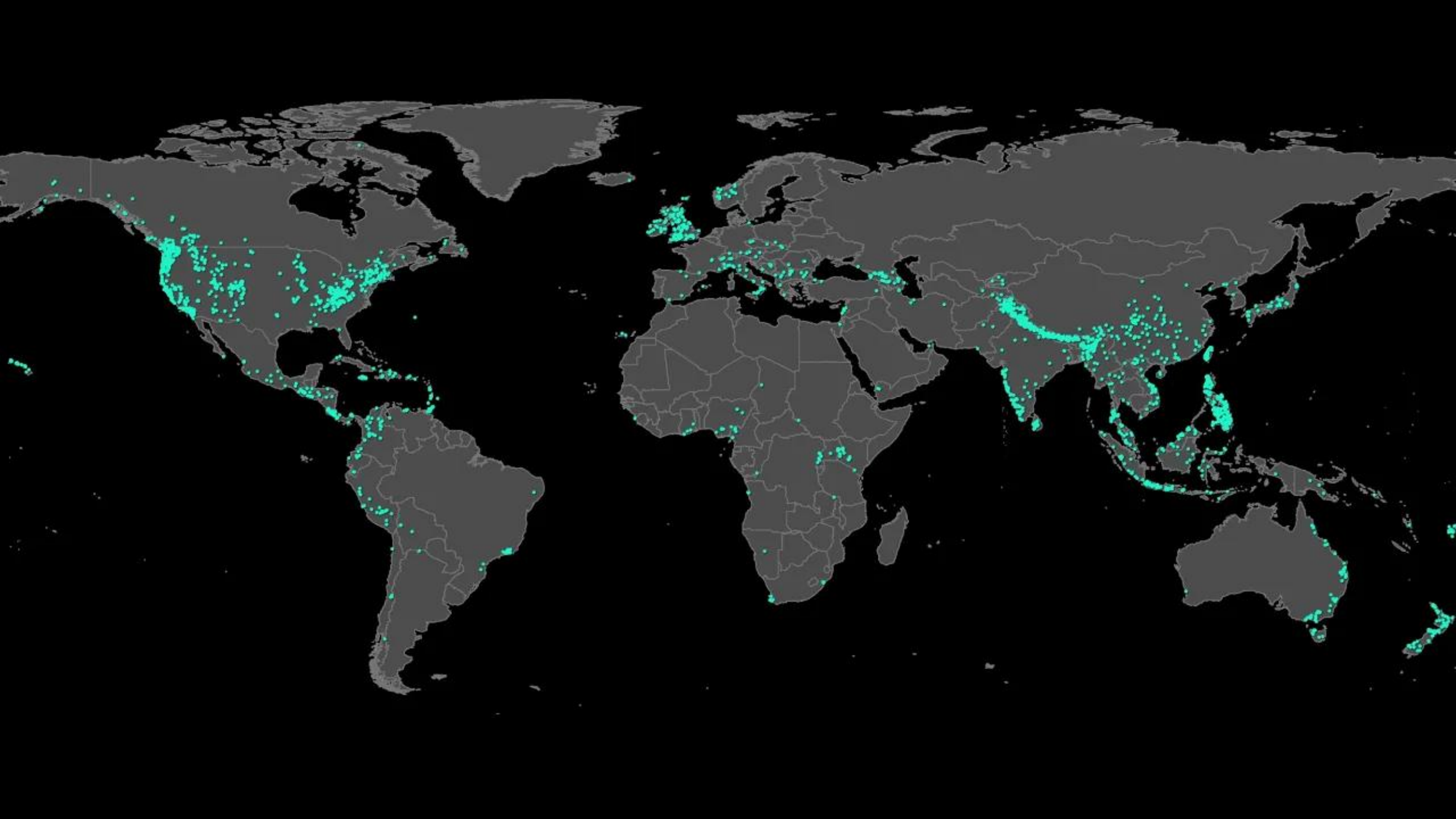

1
00:00:00,350 --> 00:00:02,460
NASA scientists have updated the first

2
00:00:02,480 --> 00:00:04,340
publicly available catalog of

3
00:00:04,360 --> 00:00:06,670
global rainfall-triggered landslides.

4
00:00:07,140 --> 00:00:11,910
This map shows the location of roughly 6000 landslides since 2007.

5
00:00:12,060 --> 00:00:14,360
The catalog was produced from online databases

6
00:00:14,380 --> 00:00:16,460
and media reports around the world.

7
00:00:16,980 --> 00:00:20,100
Most landslides occur during the Northern Hemisphere summer,

8
00:00:20,120 --> 00:00:23,960
coinciding with tropical cyclone and East Asian monsoon seasons.

9
00:00:24,250 --> 00:00:26,000
Heavy rains can trigger landslides

10
00:00:26,020 --> 00:00:29,400
by forming fast-moving flows of rock, mud and debris

11
00:00:29,420 --> 00:00:31,420
that pour down hillsides creating

12
00:00:31,440 --> 00:00:33,590
destruction to life, property and homes.

13
00:00:33,940 --> 00:00:35,180

According to this catalog,

14
00:00:35,200 --> 00:00:38,380
rainfall-triggered landslides since 2007

15
00:00:38,400 --> 00:00:41,490
have killed more than 20,000 people.

16
00:00:41,510 --> 00:00:44,320
This map shows the distribution of deaths worldwide.

17
00:00:44,340 --> 00:00:47,420
The highest number of deaths is concentrated in parts

18
00:00:47,440 --> 00:00:49,460
of Asia and Southeast Asia.

19
00:00:49,840 --> 00:00:52,960
Scientists will use rainfall measurements from NASA satellites

20
00:00:52,980 --> 00:00:54,820
in combination with the catalog