



1
00:00:00,010 --> 00:00:03,020

[Music]

2
00:00:03,040 --> 00:00:14,780

My name is Chopo Ma. My primary job these days seems to be in charge of NASA's geodetic VLBI program.

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00:00:14,800 --> 00:00:26,480

When NASA started in this area of space geodesy using VLBI, there were different questions that were really in

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00:00:26,500 --> 00:00:34,130

For example, whether plates like the North American plate and Europe, the continents were actually moving.

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00:00:34,150 --> 00:00:47,190

The questions now are fundamental metrics, so that from the space geodesy measurements we can develop a

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00:00:47,210 --> 00:00:59,270

The ability to know on the Earth, from one place to another and from one time to another, how things are relate

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00:00:59,290 --> 00:01:07,930

And this is very important for measurements which are small in nature but take some time to measure properly

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00:01:07,950 --> 00:01:15,320

like what happens with sea level rise, and whether it's uniform over the whole globe or not.

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00:01:15,340 --> 00:01:23,480

VLBI and the other techniques are working to make improvements to make these types of fundamental measu

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00:01:23,500 --> 00:01:30,680

to allow other science to be done more accurately and to make the interpretation more secure.