Keeping an eye on ice

ICESat-2 (Ice, Cloud

Nasa's ICESat-2 mission will also measure sea levels and forest cover

and land Elevation The mission will be able to Satellite-2) measure the annual changes in ice thickness with an accuracy of 4mm Instrument -Atlas . (Advanced Topographic Laser Altimeter System) A laser divided into six beams How does it work? The laser sends 10,000 pulses per second measurement is every 70cm

Source: AFP SUNDAY TIMES GRAPHICS

to the spacecraft

The altitude is calculated by measuring the time taken by the light pulse to return

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