

"If the dinosaurs had had a space program, they would not be extinct." Carl Sagan



An ESBAS Enterprise



Global Friendship Through Space Education

ASTRO

NEWSLETTER

Special Edition

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ABOUT ASTEROID DAY

Asteroid Day takes place annually on June 30. It is a global awareness campaign where people from around the world

come together to learn about asteroids, the impact hazard they may pose, and what we can do to protect our planet, families, communities, and future generations from future

asteroid impacts. Asteroid Day is held each year on the anniversary of the largest impact in recent history, the 1908 Tunguska event in Siberia. A relatively small asteroid, about 40 meters across or the size of a modest office building, devastated an unpopulated area about the size of a major metropolitan city.

Regionally organised large and small events are held on Asteroid Day, and range from lectures and other educational programmes to live concerts and broader community events, to raise public awareness of the need for increased detection and tracking of asteroids.

PROTECT
OUR



“100X Declaration” Overview

The workgroup of Asteroid Day created a declaration called “100X Declaration”, which appeals to all scientists and technologists who are supporting the idea of saving the earth from asteroids, but not only specialists are asked to sign, everyone can sign this declaration. Today, the 100X Declaration has been signed by more than 22,000 private citizens.

More than 1M asteroids have the potential to impact Earth and through all the available telescopes worldwide, we have discovered only about one percent. The 100X Declaration calls for increasing the asteroid discovery rate to 100,000 (or 100x) per year within the next 10 years. “The more we learn about asteroid impacts, the clearer it became that the human race has been living on borrowed time,” remarked Brian May. “Asteroid Day and the 100X Declaration are ways for the public to contribute to an awareness of the Earth’s vulnerability and the realization that Asteroids hit Earth all the time.” Asteroid Day would be the vehicle to garner public support to increase our knowledge of when asteroids might strike and how we can protect ourselves.”

https://asteroidday.org/about/our-team/#hash_filters=100x-signatories

The main three goals are:

- 1.** Employ available technology to detect and track Near-Earth Asteroids that threaten human populations via governments and private and philanthropic organisations.
- 2.** A rapid hundred-fold acceleration of the discovery and tracking of Near-Earth Asteroids to 100,000 per year within the next ten years.
- 3.** Global adoption of Asteroid Day, heightening awareness of the asteroid hazard and our efforts to prevent impacts, on June 30 - With the United Nations recognition, this action item has been achieved.



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