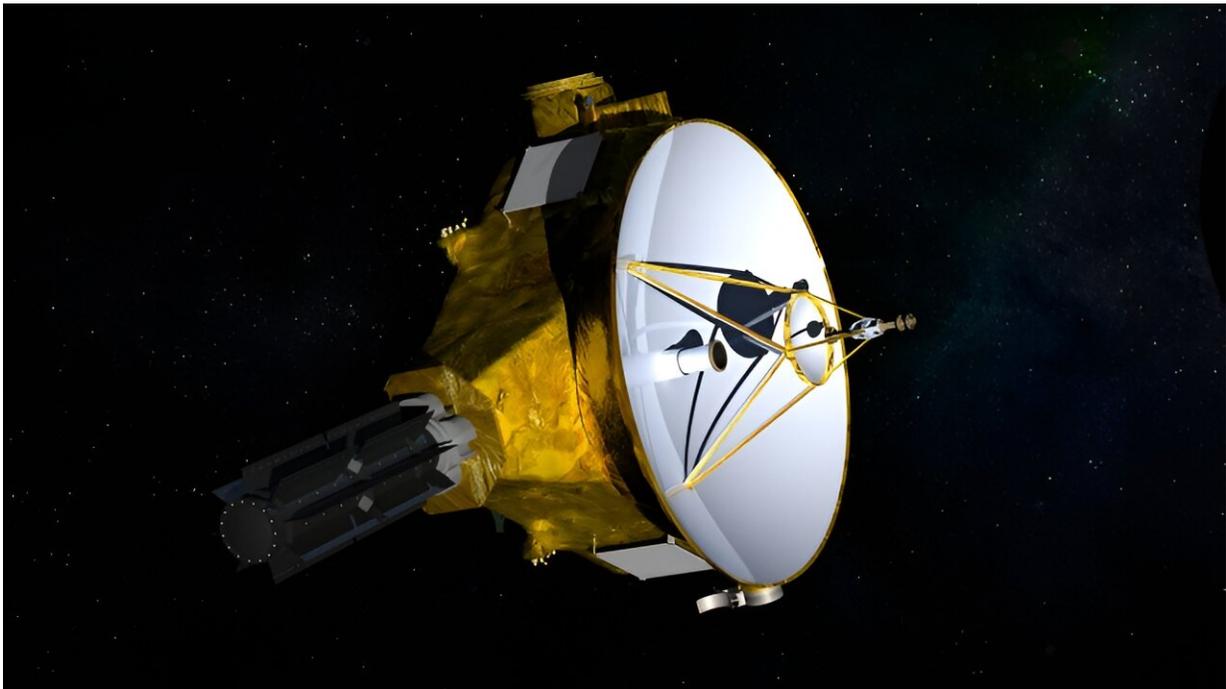


# NASA's New Horizons to continue exploring outer solar system

October 2 2023, by Tricia Talbert

---



Credit: NASA

NASA has announced an updated plan to continue New Horizons' mission of exploration of the outer solar system.

Beginning in fiscal year 2025, New Horizons will focus on gathering unique heliophysics data, which can be readily obtained during an extended, low-activity mode of operations.

While the [science community](#) is not currently aware of any reachable Kuiper Belt object, this new path allows for the possibility of using the spacecraft for a future close flyby of such an object, should one be identified. It also will enable the spacecraft to preserve fuel and reduce operational complexity while a search is conducted for a compelling flyby candidate.

"The New Horizons mission has a unique position in our solar system to answer important questions about our heliosphere and provide extraordinary opportunities for multidisciplinary science for NASA and the scientific community," said Nicola Fox, associate administrator for NASA's Science Mission Directorate in Washington. "The agency decided that it was best to extend operations for New Horizons until the spacecraft exits the Kuiper Belt, which is expected in 2028 through 2029."

This new, extended mission will be primarily funded by NASA's Planetary Science Division and jointly managed by NASA's Heliophysics and Planetary Science Divisions.

NASA will assess the budget impact of continuing the New Horizons mission so far beyond its original plan of exploration. As a starting point, funding within the New Frontiers program (including [science research](#) and data analysis) will be rebalanced to accommodate extended New Horizons operations, and future projects may be impacted.

Launched on January 18, 2006, NASA's New Horizons spacecraft has helped scientists understand worlds at the edge of our solar system by visiting the dwarf planet Pluto (its primary mission) and then venturing farther out for a flyby of the Kuiper belt object Arrokoth, a double-lobed relic of the formation of our solar system, and other more remote observations of similar bodies.

Provided by NASA

Citation: NASA's New Horizons to continue exploring outer solar system (2023, October 2)  
retrieved 29 April 2024 from

<https://phys.org/news/2023-10-nasa-horizons-exploring-outer-solar.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.