

The Planetary Defense Inputs for Decadal Survey

An opportunity for the Planetary Defense community to help protect the future



Early Detection



**Tracking,
Characterization**



**Communication,
Warning**



Coordination



Mitigation



Every ten years, at the request of NASA and the National Science Foundation, the National Research Council conducts a “decadal study” for Planetary Science. The content of the study, which incorporates input from the Planetary Science community, is used to design Planetary Science programs based on community views and consensus. Collections for the 2022 Planetary Science decadal study will commence in 2020, and this cycle will include Planetary Defense efforts.



The primary method for the community to provide ideas to the decadal study is through submittal of whitepapers (individual or team authorship) containing relevant subject matter content. Relevant content may include a range of ideas, for example, from potentially hazardous object characterization methods and modeling to mission concepts, i.e. those subjects that can inform and be impactful for future PD activities, such as closing strategic knowledge and technology gaps, etc.



The due date for whitepaper submission is anticipated for July 2020. To facilitate community discussion, teaming, and input, NASA Goddard Space Flight Center and the Johns Hopkins University Applied Physics Laboratory will host a workshop in early March 2020 (details are forthcoming).



- Planetary Science Decadal: https://sites.nationalacademies.org/SSB/SSB_052297
https://sites.nationalacademies.org/SSB/ssb_197330
- NASA Planetary Defense Coordination Office: <https://www.nasa.gov/planetarydefense/overview>
- National Strategy and Action Plan: <https://www.whitehouse.gov/wp-content/uploads/2018/06/National-Near-Earth-Object-Preparedness-Strategy-and-Action-Plan-23-pages-1MB.pdf>
- Goals and Objectives for the Exploration and Investigation of the Solar System’s Small Bodies: https://www.lpi.usra.edu/sbag/goals/SBAG_GoalsDoc_ver.1.2.2016.pdf
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