The Future of Life On Earth

Prof. Roberto Trotta













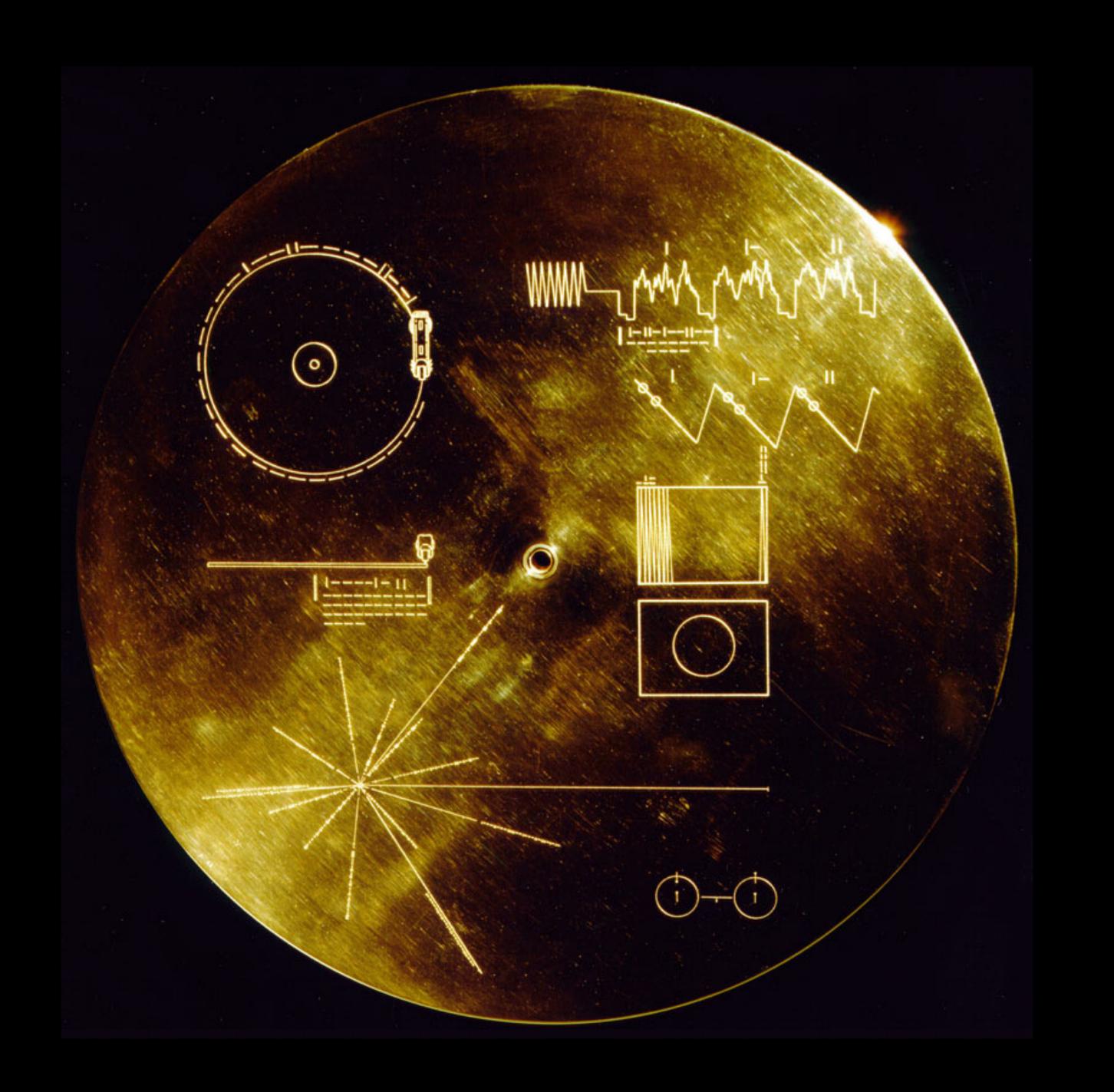
The Voyager test model

Image credit: NASA/JPL-Caltech



The Golden Record being prepared for launch

Image credit: NASA/JPL-Caltech



The Voyager Golden Record

Image credit: NASA/public domain



Our pale blue dot

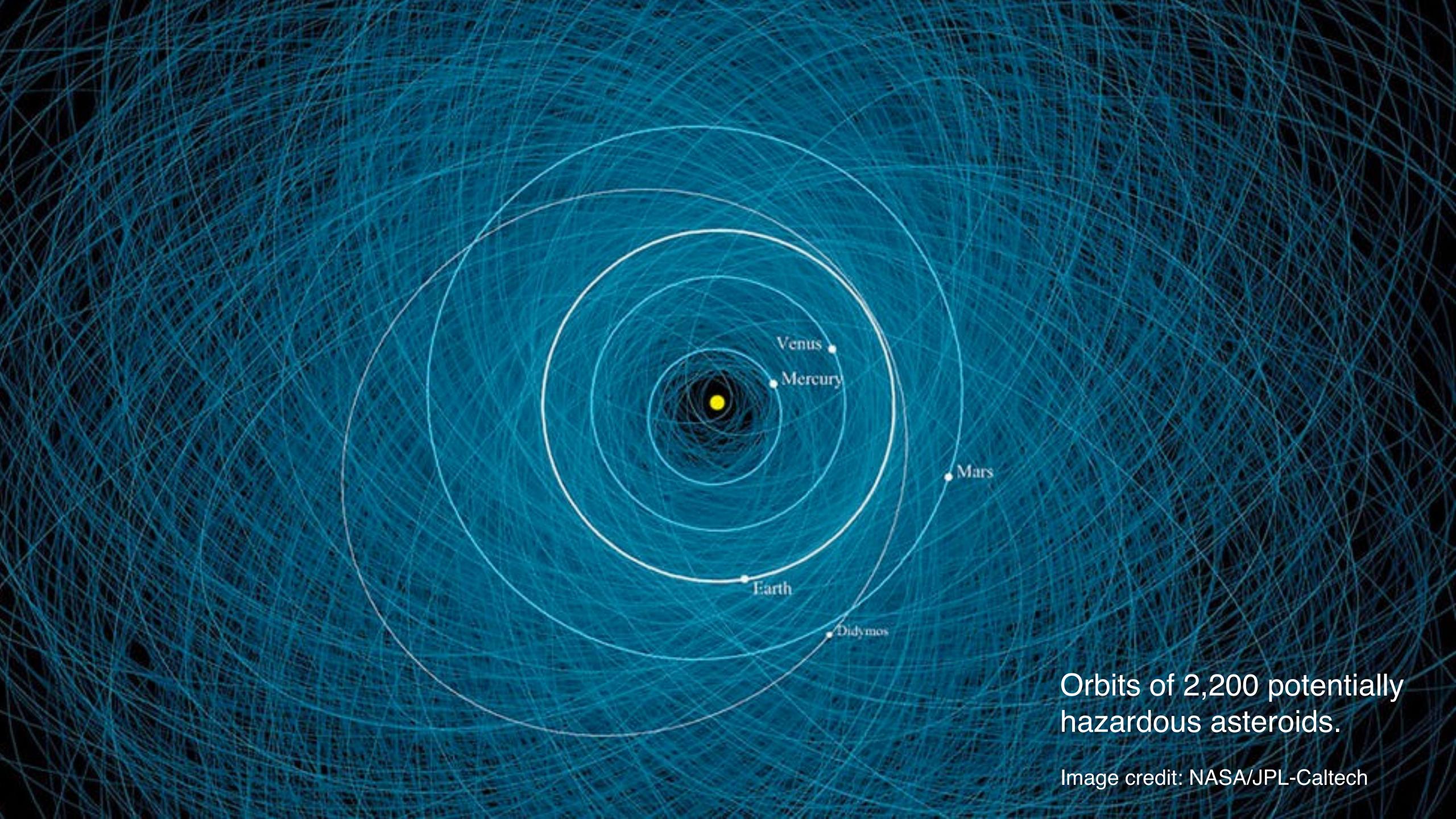
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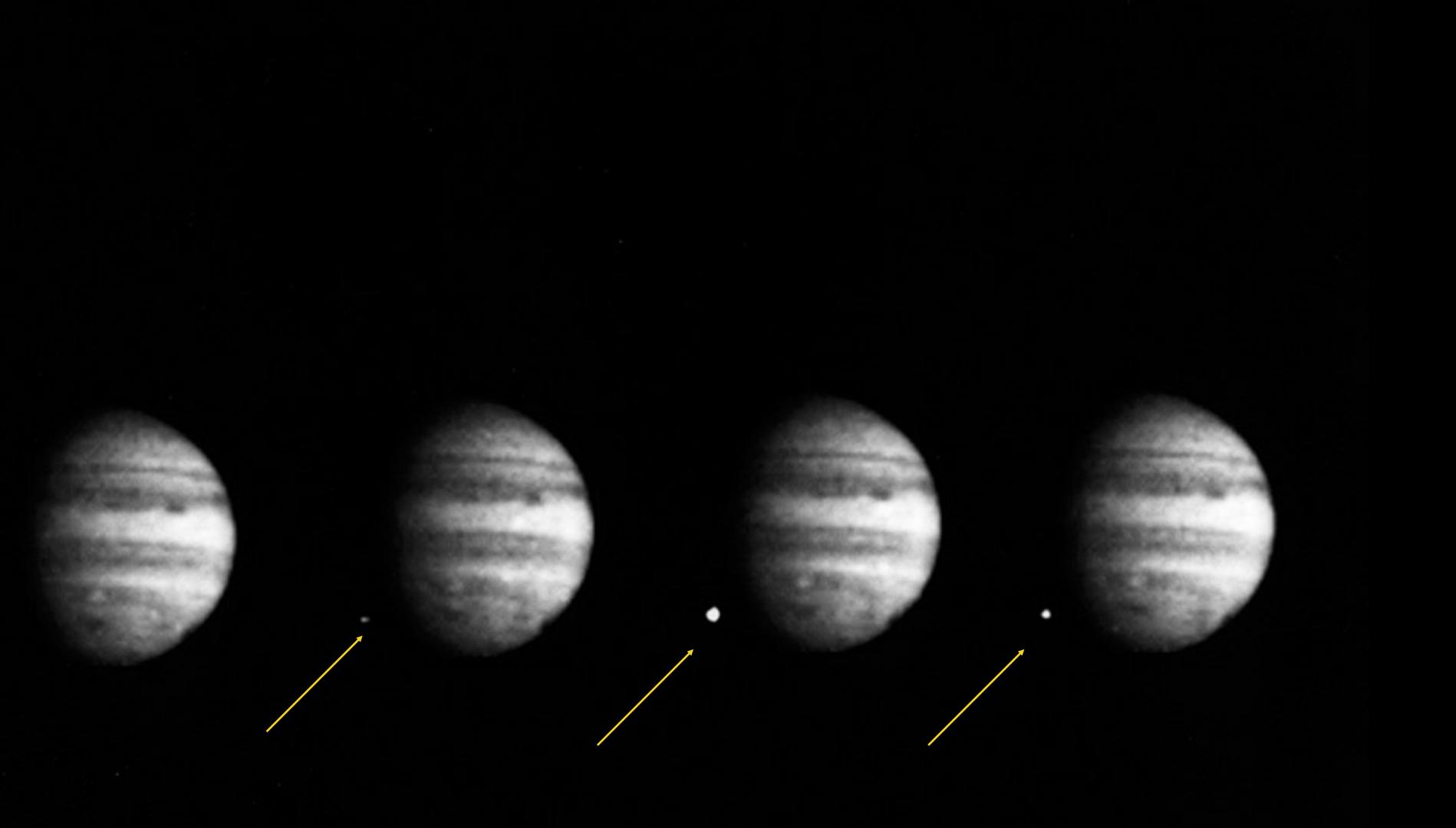




Trees flattened by the Tungunska event in 1908

Image source: public domain





Fragments of comet Shoemaker-Levy 9 crashing on Jupiter

Image credit: NASA/JPL-Caltech/Galileo Imaging Team

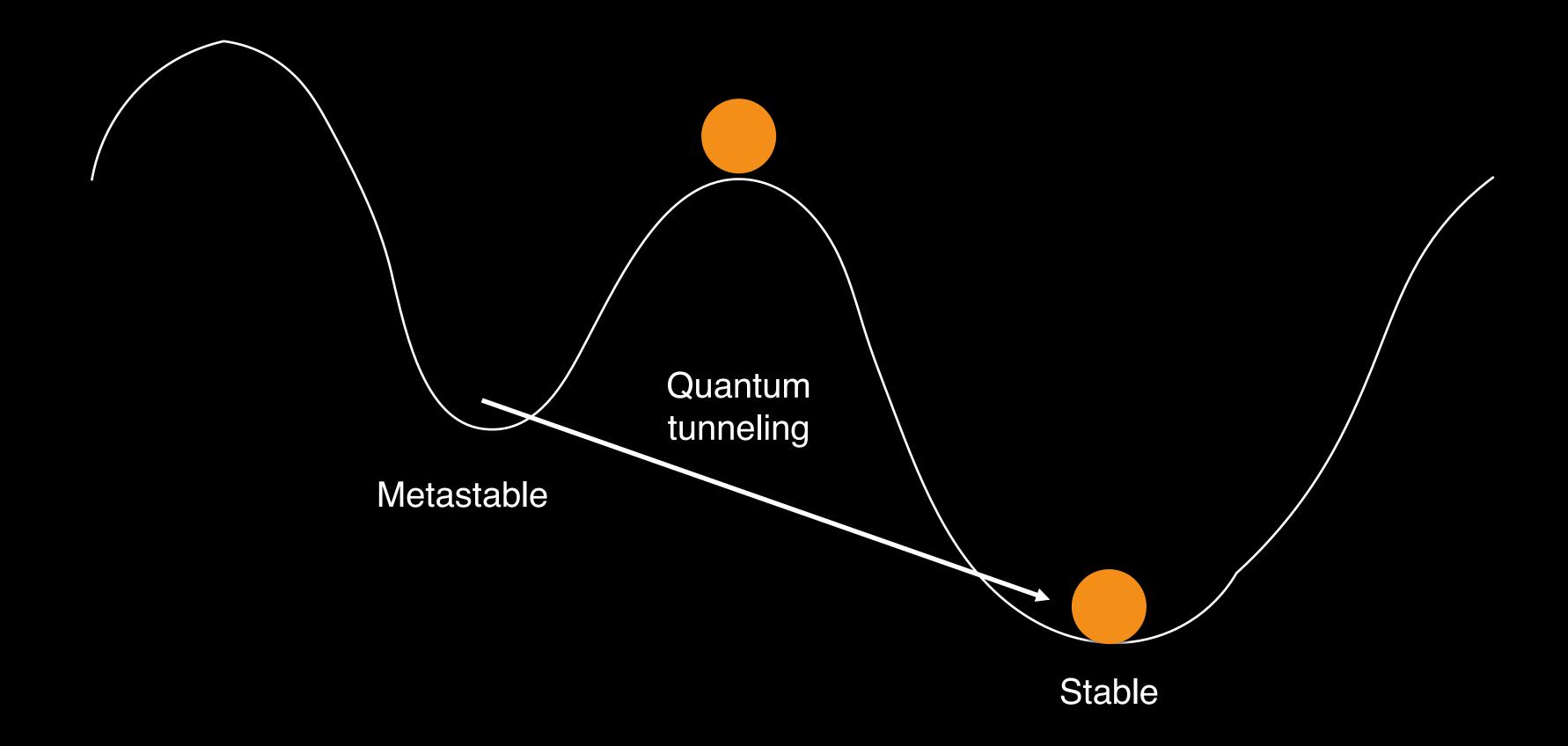






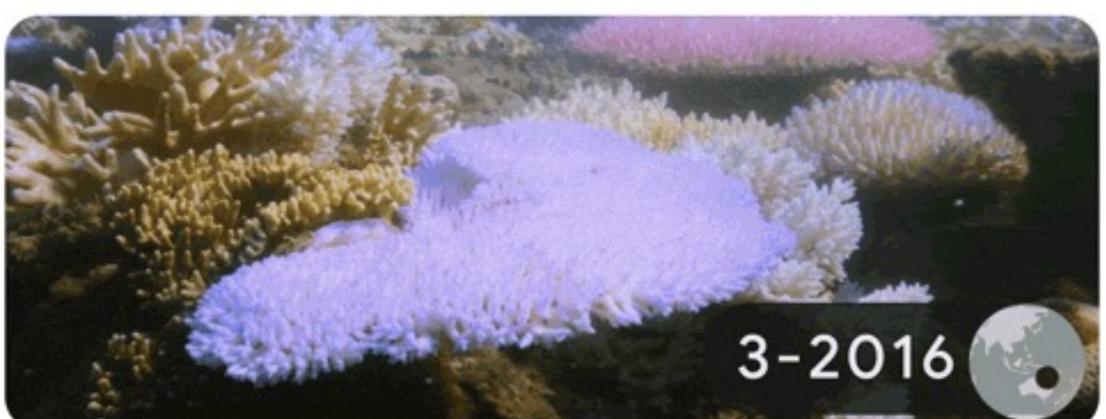
The constellation of Orion

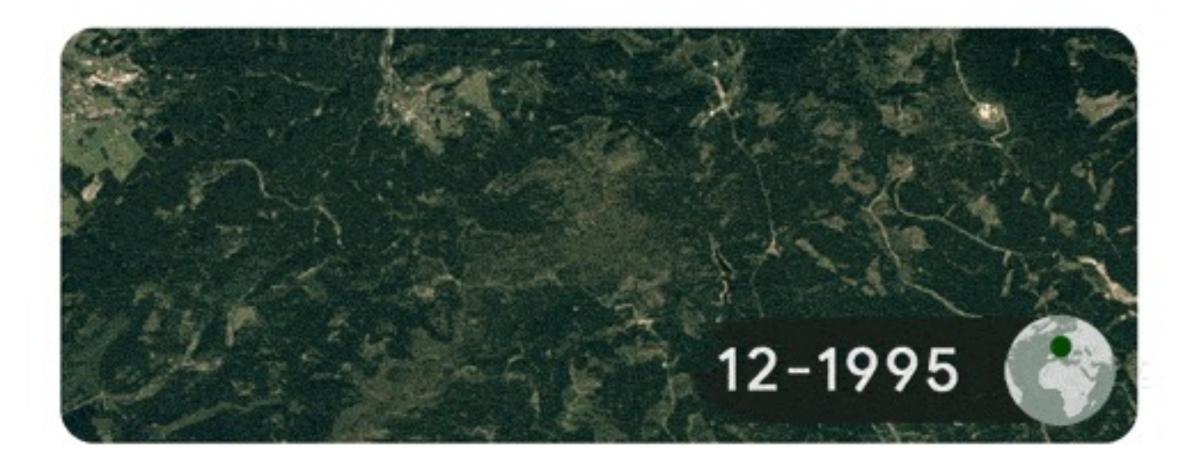
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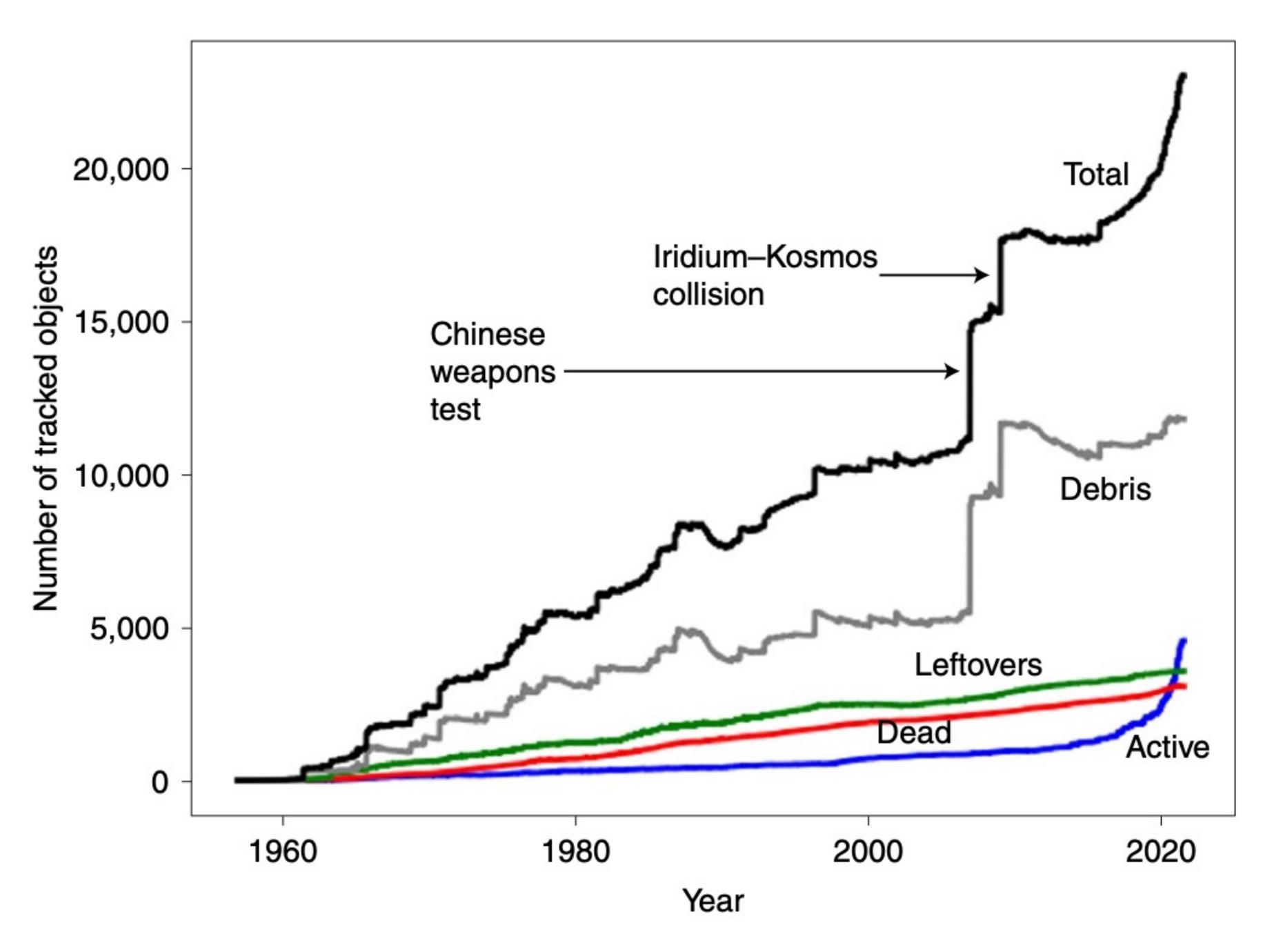




Glaciers retreating in Greenland

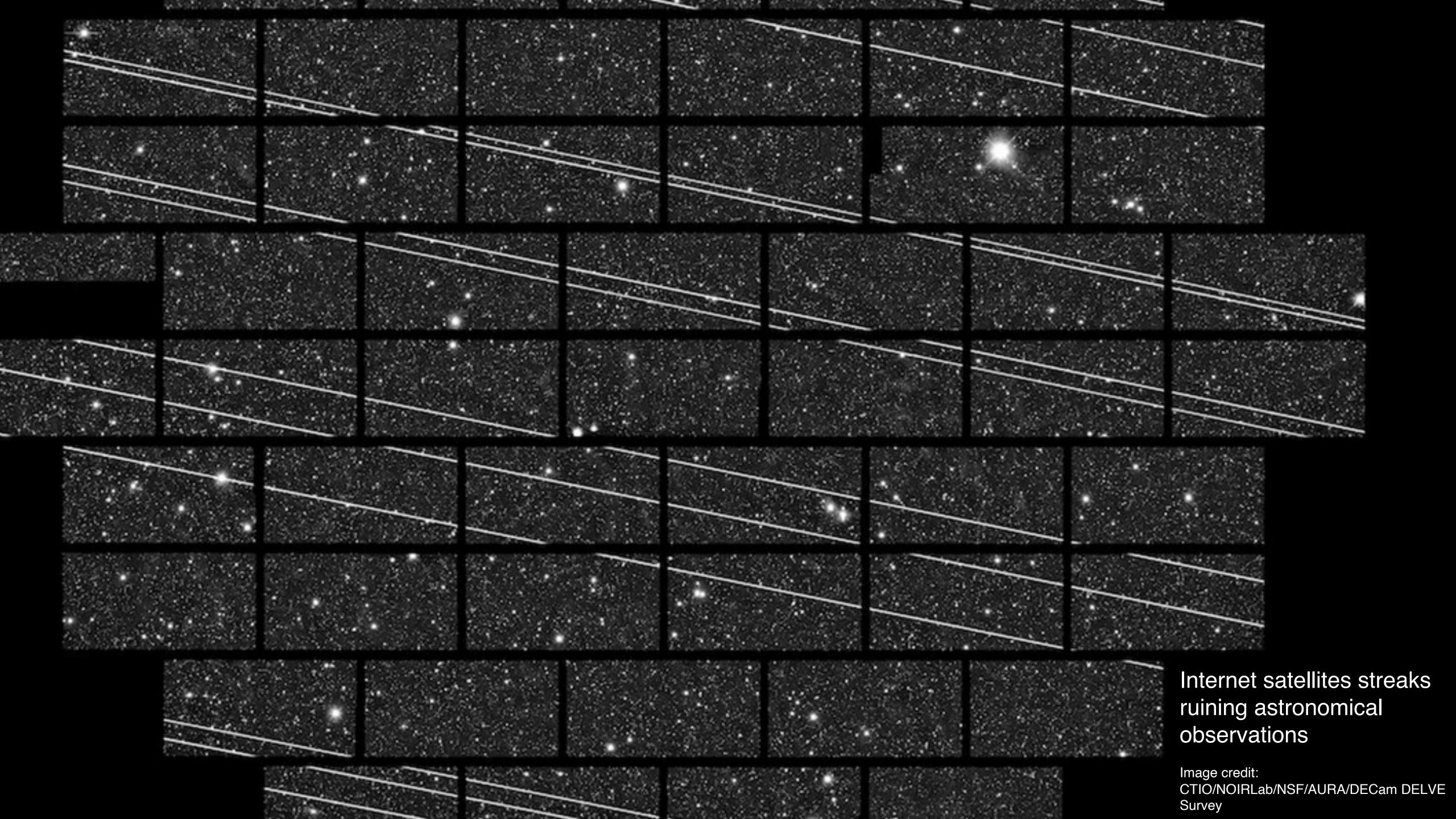
Coral bleaching in Australia

Forest loss in Germany



The growth of tracked space junk over time

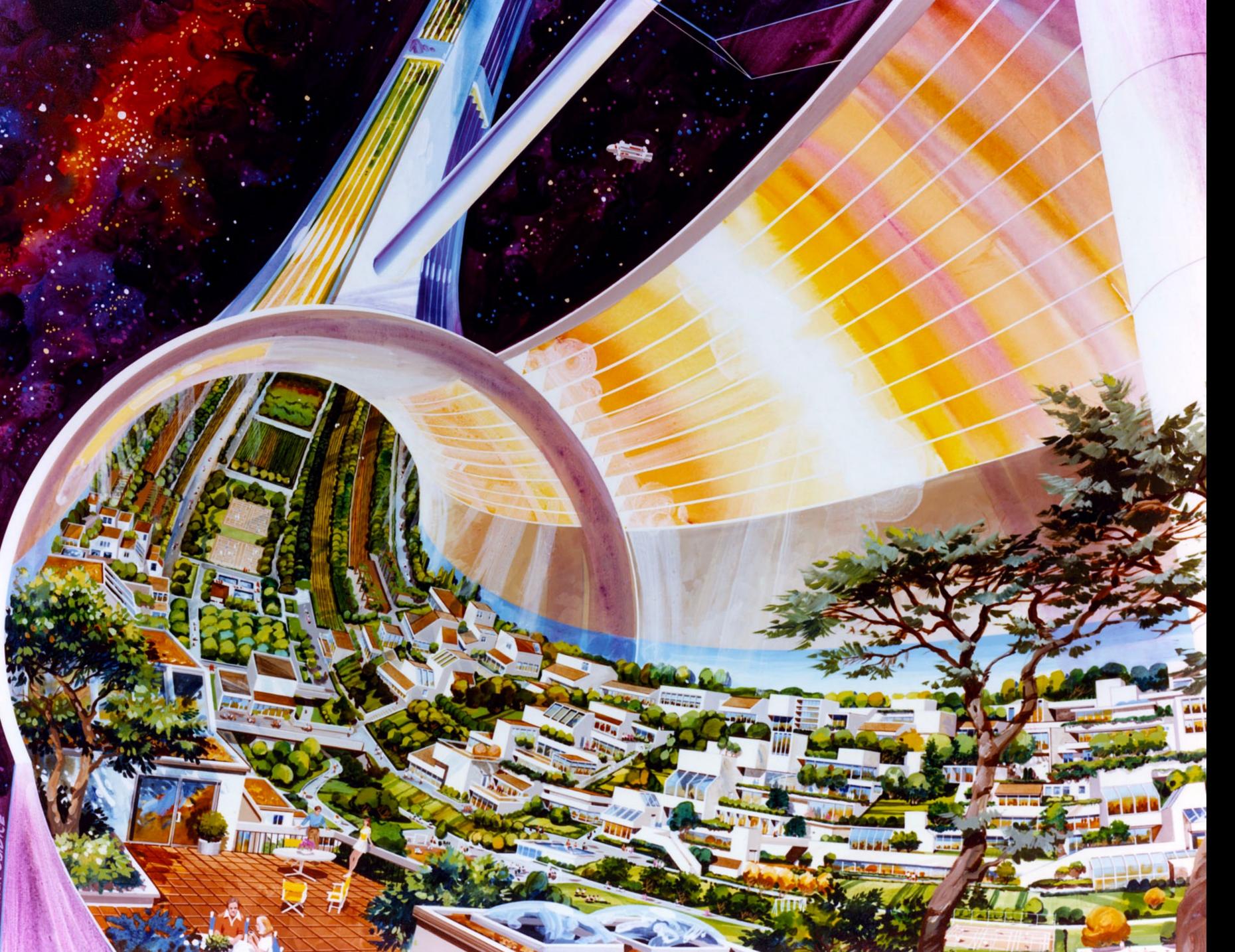
Image credit: Lawrence, A., Rawls, M.L., Jah, M. et al. The case for space environmentalism. Nat Astron 6, 428–435 (2022). https://doi.org/10.1038/s41550-022-01655-6





Shooting the passenger pigeon

Image source: The Illustrated Sporting and Dramatic News, July 3, 1875.



1970s space colony design

Image credit: NASA Ames Research Center / Rick Guidice







The Earth as seen from the Moon's orbit by the Lunar Reconnaissance Orbiter

Image credit: NASA/Goddard/Arizona State University

Thank you!

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