

08 February 2024



(Picture credits: *SpaceX*)

PACE/Falcon 9 Block 5 Launch

Space agency/country: SpaceX
Mission: *PACE*

On 8 February 2024, *PACE*—the Plankton, Aerosol, Cloud, ocean Ecosystem Earth observation satellite—was launched on a *Falcon 9 Block 5* from Cape Canaveral (Florida, USA). *PACE*'s data will help us better understand how the ocean and atmosphere exchange carbon dioxide. In addition, it will reveal how aerosols might fuel phytoplankton growth in the surface ocean. The rocket was originally supposed to be launched on February 6th, but the launch was later delayed because of technical difficulties.

For more information:

<https://www.spacex.com/vehicles/falcon-9/>

<https://pace.gsfc.nasa.gov/>