Database of observed areas and its visualizer in HARMONICS, Hayabusa/Hayabusa2

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We report a visualization tool HARMONICS (HAyabusa Remote MONItoring and Commanding System) for planning observations and scientific analysis in both Hayabusa and Hayabusa2 missions. This software visualizes positions and attitudes of spacecraft, and FOVs (Field Of View) of scientific instruments. The database of observation history and coverages is established for HARMONICS. Newly additional functions are projection of footprints of scientific instruments and observed images to irregular shape model and the conversion of file format from fits file to jpg, png.

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