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## Planetary science at the NASRDA-Center for Basic Space Science

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Planetary science research was instituted at CBSS in 2016 with the mandate to study the planetary activities within our Solar System. Therefore, the research activities of group were categorized into two: Environmental and Life sciences. The environmental science team studies the physical evolution of the other planets in our solar system using data from various missions like MAVEN (Mars Atmospheric and Volatile Evolution), while the life science team are looking at the probability of finding life elsewhere in our solar system. So far some of researches had been published by these teams, while more are various levels of development. Some of the researches are on evolutionary panspermia and meteorite sample analysis.

Our research activities have been enhanced through collaborations such as the PAPSSN project, analysis of meteorite samples at University of Witwatersrand in South Africa etc.