



Contribution ID: 45

Type: **not specified**

Comparison of radioactive element distribution in Earth, Moon and Mars

Thursday 27 October 2022 12:00 (15 minutes)

We have studied the maps of radio active mineral distribution in Earth, Moon and Mars obtained from in situ and remote sensing observations. The distribution of U and Th in these rocky planets show some interesting features in association with internal heat distribution and volcanism. The results of our studies will be helpful for mining , space exploration and understanding the geophysical history of these planets.

Author: Dr N. SATHYAN, Thara (University College Of Engineering Kariavattom, Thiruvananthapuram, India)

Co-authors: BINOY, Johndas (Govt. College For Women, Trivandrum, Kerala, India); GIRISH, T.E. (University College, Trivandrum, Kerala, India); Dr M. KUMAR, Varnana (Mar Ivanios College, Trivandrum, Kerala, India)

Presenter: Dr N. SATHYAN, Thara (University College Of Engineering Kariavattom, Thiruvananthapuram, India)

Session Classification: Atmospheric studies and space geophysics