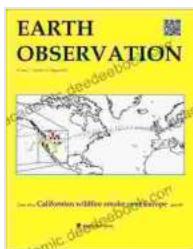


# Earth Observation Volume Number Mukesh Gupta: A Comprehensive Guide

Earth observation is the gathering of information about Earth's physical, chemical, and biological systems. It is a multidisciplinary field that uses a variety of remote sensing technologies, including satellite imagery, aerial photography, and ground-based sensors.



## Earth Observation: Volume 1 Number 2 by Mukesh Gupta

5 out of 5

Language : English

File size : 3312 KB

Screen Reader : Supported

Print length : 41 pages

Lending : Enabled

Paperback : 42 pages

Reading age : 8 - 12 years

Item Weight : 3.39 ounces

Dimensions : 8.5 x 0.09 x 8.5 inches

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Earth observation data is used for a wide range of applications, including:

- Monitoring environmental change
- Managing natural resources
- Planning and development
- Disaster response
- Scientific research

Earth observation data is becoming increasingly important as we face a number of global challenges, such as climate change, population growth, and food security. By understanding how Earth's systems are changing, we can make better decisions about how to manage our planet.

## **Volume Number**

The volume number of an Earth observation satellite is a unique identifier that is assigned to each satellite. The volume number is used to track the satellite's orbit and to identify the data that it collects.

The volume number is typically a four-digit number. The first two digits of the volume number indicate the year in which the satellite was launched. The last two digits of the volume number indicate the sequence in which the satellite was launched in that year.

For example, the volume number for the Landsat 8 satellite is 011. This indicates that Landsat 8 was launched in 2011 and that it was the first Landsat satellite to be launched in that year.

## **Mukesh Gupta**

Mukesh Gupta is a leading expert in the field of Earth observation. He is the author of several books and articles on the subject, and he has served as a consultant to a number of government agencies and private companies.

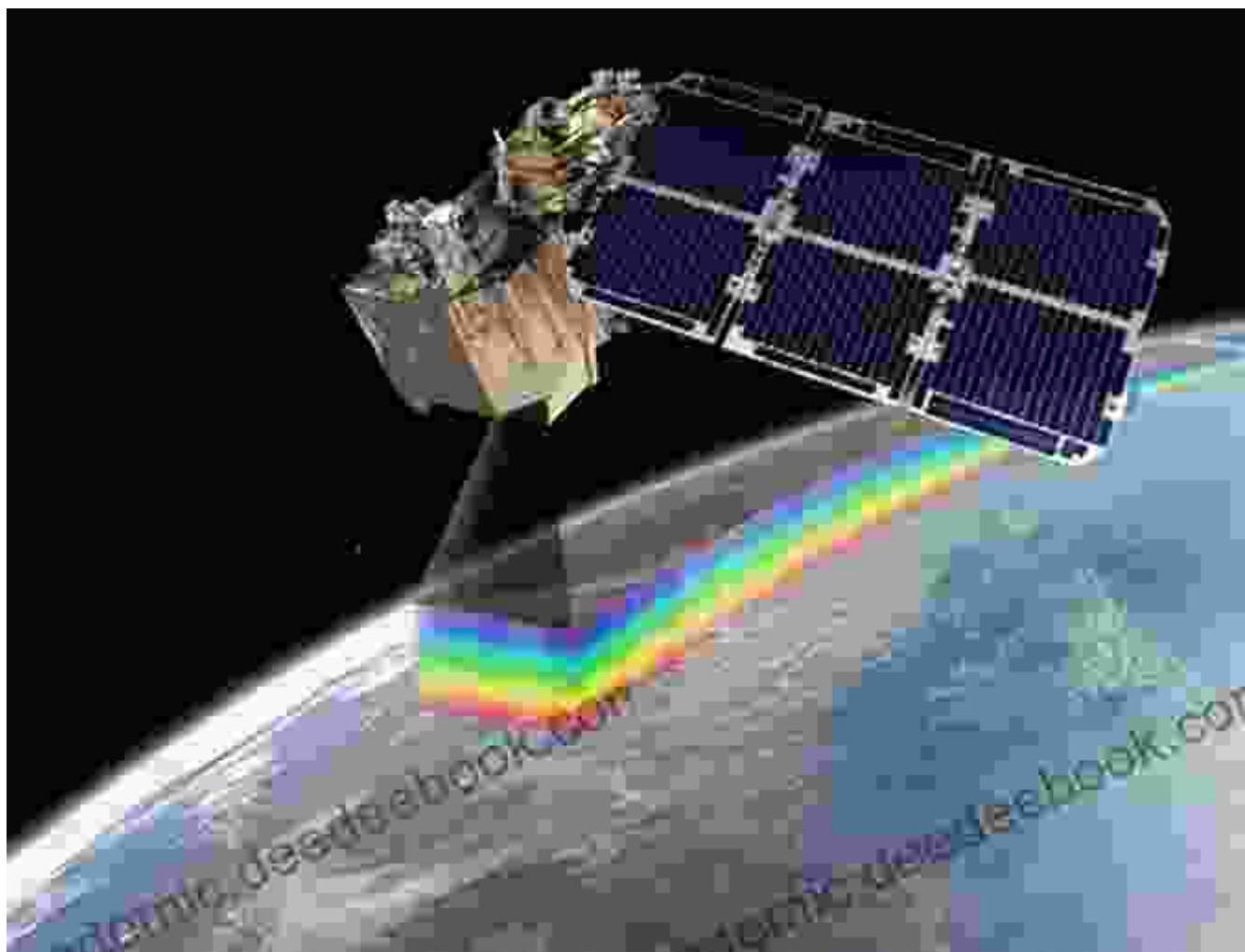
Gupta's research interests include:

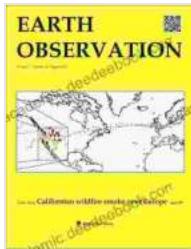
- The use of Earth observation data for environmental monitoring
- The development of new Earth observation technologies

- The application of Earth observation data to decision-making

Gupta is a Fellow of the American Geophysical Union and the Royal Society of Canada. He is also a member of the International Academy of Astronautics.

Earth observation is a rapidly growing field that is playing an increasingly important role in our understanding of the planet. The volume number of an Earth observation satellite is a unique identifier that is used to track the satellite's orbit and to identify the data that it collects. Mukesh Gupta is a leading expert in the field of Earth observation.





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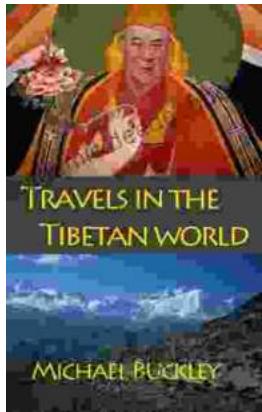
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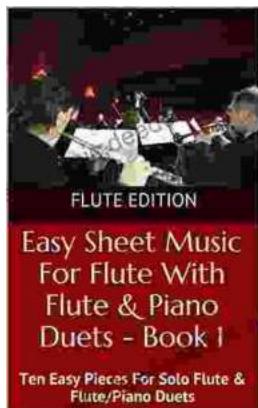
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