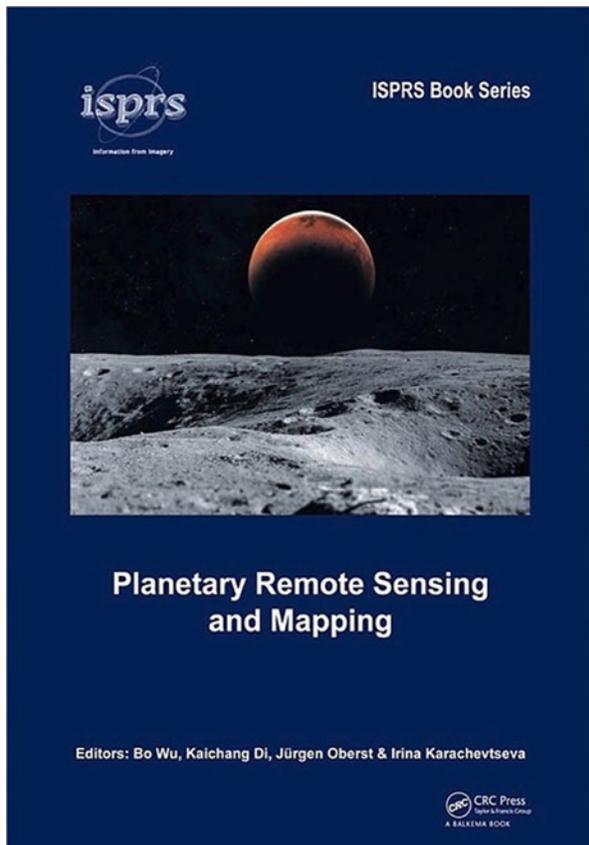


A New Book "Planetary Remote Sensing and Mapping" in ISPRS Book Series Published by Taylor & Francis



The early 21st century marks a new era in space exploration. The National Aeronautics and Space Administration (NASA) of the United States, The European Space Agency (ESA), as well as space agencies of Japan, China, India, and other countries have sent their probes to the Moon, Mars, and other planets in the solar system.

A new book "[Planetary Remote Sensing and Mapping](#)" in the ISPRS book series has been published by Taylor & Francis Group/CRC Press in November 2018. It was produced by the colleagues of Working Group ICWG III/II: Planetary Remote Sensing and Mapping.

Edited by Bo WU (The Hong Kong Polytechnic University), Kaichang DI (Chinese Academy of Sciences), Jürgen OBERST (German Aerospace Center), and Irina KARACHEVTSEVA (Moscow State University of Geodesy and Cartography), this book offers new insights and timely updates on the research and developments in planetary remote sensing and mapping. More precisely, it introduces original research and new developments in the areas of planetary remote sensing, photogrammetry, mapping, GIS, and planetary science resulted from the recent

space exploration missions. The book include the following sections:

- Reference systems of planetary bodies
- Planetary exploration missions and sensors
- Geometric information extraction from planetary remote sensing data
- Feature information extraction from planetary remote sensing data
- Planetary remote sensing data fusion
- Planetary data management and presentation

The book serves scientists and professionals working in the planetary remote sensing and mapping areas, as well as for planetary probe designers, engineers, and planetary geologists and geophysicists. It also provides useful reading material for university teachers and students in the broader areas of remote sensing, photogrammetry, cartography, GIS, and geodesy etc.

A preview of the book contents can be found [here](#).