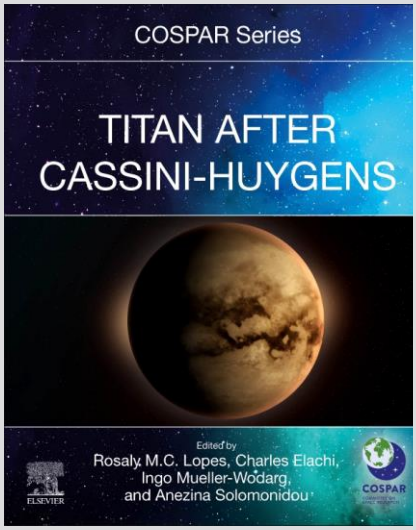

Titan After Cassini-Huygens

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AUDIENCE: Research scientists, professionals, academics, graduate students and undergraduates in planetary science, and laboratories working on planetary science missions such as NASA and ESA; researchers and professionals in geology and atmospheric science of non-terrestrial planets

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Presents a summary of our knowledge about Titan, including interior structure, geology, atmospheric science and astrobiological potential

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KEY FEATURES

- Details the total knowledge of Titan from Cassini-Huygens and subsequent observations from Earth, as well as laboratory and theoretical studies from the last decade
- Covers all aspects of Titan, including origin and evolution, magnetic and plasma environment, surface, interior structure, geology, atmospheric science and astrobiological potential
- Provides detailed, referenceable data from investigators of the Cassini spacecraft and Huygens probe, as well as the ALMA radio telescope observatory

DESCRIPTION

Titan After Cassini-Huygens is the most up-to-date and comprehensive coverage of our knowledge on Titan, including results and insights from the joint NASA/European Space Agency/Italian Space Agency mission Cassini-Huygens and the conclusions drawn by experts following detailed analysis of the mission data. Our knowledge of Titan has increased substantially due to observations from the Cassini-Huygens mission, which ended in 2017. Since then, observations from Earth, as well as laboratory and theoretical studies, have continued to add to our knowledge. These conclusions, combined with the latest ground-based and theoretical research, provide the most recent understanding of the science of Titan, covering the origin and evolution of Titan, its magnetic and plasma environment, surface, interior structure, geology, atmosphere, and the astrobiological potential for the oceans on the moon.

The first book of the new COSPAR book series, *Titan After Cassini-Huygens,* is an integral reference for scientists, researchers, and academics working on Titan or ocean worlds.

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