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Contact: Jessica Moody, VP Marketing
(800) 562-2139 x101
jmoody@greyhouse.com

Salem Press Announces *The Solar System, Third Edition*

Designed to meet the needs of both general readers and students, this completely revised and updated third edition of *The Solar System* covers 200 features within Earth's solar system.

Updates reflect advancements in science and technology since the last edition was published and 20 brand-new topics have been added to this comprehensive essay collection. All other essays have been thoroughly revised and expanded to ensure the coverage in these volumes is accurate and current.

No other general reference dedicated to the solar system is this complete and up to date. Incorporating the latest perspectives offered by space telescopes, travel, this is a go-to resource for all things space.

These volumes provide an authoritative reference for astronomy and earth sciences for a wide variety of students. Every major celestial body and phenomenon is covered including the features of every planet, their satellites, and small bodies such as comets and asteroids. Scientific methodologies, interplanetary phenomena, and stellar astronomy and cosmology are explored as well.

Topics covered in these volumes include Earth's magnetic field, dark matter, planetary magnetospheres, Neptune's atmosphere, and Saturn's satellites, to name a few. Coverage is presented in an A-Z format from Amateur Astronomy to X-Ray and Gamma-Ray Astronomy.

Hundreds of full color photos are featured in these volumes, bringing each topic to life. The detailed, colorful images make it easy for readers to make sense of each concept and develop a strong understanding of the wide variety celestial bodies and phenomena our solar system.

Each essay ranges from 2,000 to 5,000 words and include the following subsections:

- **Significance** summarizes the importance of each topic and the current state of our knowledge surrounding it.
- **Overview** provides a brief over-look at the most important facts and information about each topic.
- **Knowledge Gained or Methods of Study or Applications** explores how each topic is investigated, what scientific knowledge has been discovered, and the uses for these discoveries



- **Context** addresses the topic from a larger perspective, considering the history of solar system science and its relevance for humankind.
- **Byline** provides the name of the scholar who wrote each essay.
- **Further Reading** offers an annotated selection of important resources for further study.

Appendixes in this book include:

- **Common Units of Measure Table**
- **Glossary**
- **General Bibliography**
- **Web Resources**
- **Subject Index**

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The Solar System, Third Edition

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Editor: Joy Crelin

