

"The keenly awaited second edition of Lunine's book does not disappoint. The clarity of writing and level of scholarship remain high, and there is no other treatment of our planet with this interdisciplinary breadth. As we home in on Earth-like worlds far from home, this book is a perfect component for an undergraduate astronomy or astrobiology course."

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"Lunine focusses on the Earth as a system, and sets it in context in comparison with other Solar System bodies. This is how a geoscience text should be done these days."

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"*Earth: Evolution of a Habitable World* brings the knowledge gained by 50 years of Solar System exploration back to Earth and infuses the often hazy first half of Earth history with new energy and insight, providing a unique perspective on the entire history of our home planet."

**Professor James Head** *Louis and Elizabeth Scherck Distinguished Professor of Geological Sciences, Brown University*

"Lunine's astrobiological perspective on Earth history is a breath of fresh air, drawing on the entire breadth of science to address fundamental questions about the origins of life, and the development of the systems that sustain it here on Earth, in a manner that quickly and directly connects to students."

**Dr. Marshall Bartlett** *Assistant Professor and Chair of Physics, Hollins University*

Fully updated throughout, including revised illustrations and new images from NASA missions, this new edition provides an overview of Earth's history from a planetary science perspective, for undergraduates in earth science, planetary science, and astronomy. The evolution of the Earth is described in the context of what we know about other planets and the cosmos at large, from the origin of the cosmos to the processes that shape planetary environments, and from the origins of life to the inner workings of cells.

### Key features

- Integrates astronomy, earth science, planetary science, and astrobiology to give students the whole picture of how the Earth has come to its present state
- Presents concepts in nontechnical language and avoids mathematical treatments where possible, allowing students to grasp concepts without wading through complex maths
- New end-of-chapter summaries and questions allow students to check their understanding, and critical thinking is emphasized to encourage students to explore ideas scientifically for themselves



Online Resources  
[www.cambridge.org/lunine](http://www.cambridge.org/lunine)

- ▶ Powerpoint slides and JPEGs of figures from the book
- ▶ Solutions to end-of-chapter questions

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