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| 1. Record Nr.           | UNINA9910153126103321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Autore                  | Kump Lee R.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Titolo                  | The earth system / / Lee R. Kump. James F. Kasting, Robert G. Crane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Pubbl/distr/stampa      | Harlow, Essex : , : Pearson, , [2014]<br>Â©2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ISBN                    | 1-292-03486-6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Edizione                | [Third, Pearson new international edition.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Descrizione fisica      | 1 online resource (467 pages) : illustrations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Collana                 | Pearson custom library                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Disciplina              | 550                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Soggetti                | Earth sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Note generali           | Includes index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Nota di bibliografia    | Includes bibliographical references and index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Nota di contenuto       | Cover -- Table of Contents -- Glossary -- 1. Global Change -- 2. Daisyworld: An Introduction to Systems -- 3. Global Energy Balance: The Greenhouse Effect -- 4. The Atmospheric Circulation System -- 5. The Circulation of the Oceans -- 6. The Cryosphere -- 7. Circulation of the Solid Earth: Plate Tectonics -- 8. Recycling of the Elements: Carbon and Nutrient Cycles -- 9. Focus on the Biota: Metabolism, Ecosystems, and Biodiversity -- 10. Origin of Earth and of Life -- 11. Effect of Life on the Atmosphere: The Rise of Oxygen and Ozone -- 12. Long-Term Climate Regulation -- 13. Biodiversity through Earth History -- 14. Pleistocene Glaciations -- 15. Global Warming: Recent and Future Climate -- 16. Global Warming: Impacts, Adaptation, and Mitigation -- 17. Ozone Depletion -- 18. Climate Stability on Earth and Earthlike Planets -- 19. Human Threats to Biodiversity -- Appendix: Units and Unit Conversions -- Appendix: Temperature Conversions -- Appendix: Periodic Table -- Index. |
| Sommario/riassunto      | For courses in Earth Systems Science offered in departments of Geology, Earth Science, Geography and Environmental Science. The first textbook of its kind that addresses the issues of global change from a true Earth systems perspective, The Earth System offers a solid emphasis on lessons from Earth's history that may guide decision-making in the future. It is more rigorous and quantitative than traditional Earth science books, while remaining appropriate for non-science majors.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

