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| 1. Record Nr.           | UNINA9911140034603321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Autore                  | Berkowitz Brian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Titolo                  | Contaminant geochemistry : interactions and transport in the subsurface environment / / Brian Berkowitz, Ishai Dror, Bruno Yaron                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Pubbl/distr/stampa      | Berlin, : Springer, c2008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ISBN                    | 1-281-24187-3<br>9786611241872<br>3-540-74382-0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Edizione                | [1st ed. 2008.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Descrizione fisica      | 1 online resource (412 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Altri autori (Persone)  | DrorIshai<br>YaronB <1929-> (Bruno)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Disciplina              | 551.9<br>628.1<br>628.1/68<br>628.168                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Soggetti                | Pollutants<br>Geochemistry<br>Groundwater - Pollution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Note generali           | Description based upon print version of record.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Nota di bibliografia    | Includes bibliographical references and index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Nota di contenuto       | pt. 1. Geochemistry revisited : selected aspects -- pt. 2. Properties of potential contaminants : environmental and health hazards -- pt. 3. Contaminant partitioning in the subsurface -- pt. 4. Contaminant transport from land surface to groundwater -- pt. 5. Transformations and reactions of contaminants in the subsurface.                                                                                                                                                                                                                                                                                                                                      |
| Sommario/riassunto      | This book combines earth science, subsurface hydrology and environmental geochemistry, providing a comprehensive background for specialists interested in the protection and sustainable management of the subsurface environment. The reader is introduced to the chemistry of contaminants, which usually disturb the natural equilibrium in the subsurface as a result of human activity. The major focus of the book is on contaminant reactions in soil solutions, groundwater and porous media solid phases, accounting for their persistence and transformation in the subsurface, as they are transported from the land surface into groundwater. Discussions on |

selected case studies are provided.

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