Record Nr. UNINA9910437894603321 Autore Johnson Les Titolo Sky alert! : when satellites fail / / Les Johnson New York, : Springer Pubbl/distr/stampa Chichester, U.K., : published in association with Praxis Pub., 2013 **ISBN** 1-4614-1830-5 Edizione [1st ed. 2013.] Descrizione fisica 1 online resource (199 p.) Springer-Praxis books in popular science Collana Disciplina 629.46 Artificial satellites Soggetti 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. How we might lose our satellites -- pt. 2. If we were to lose our satellites -- pt. 3. What can we do? How much do we depend on space satellites? Defense, travel, Sommario/riassunto agriculture, weather forecasting, mobile phones and broadband, commerce...the list seems endless. But what would our live be like if the unimaginable happened and, by accident or design, those space assets disappeared? Sky Alert! explores what our world would be like, looking in turn at areas where the loss could have catastrophic effects. The book - demonstrates our dependence on space technology and satellites; - outlines the effect on our economy, defense, and daily lives if satellites and orbiting spacecraft were destroyed; - illustrates the

danger of dead satellites, spent rocket stages, and space debris colliding with a functioning satellites; - demonstrates the threat of dramatically increased radiation levels associated with geomagnetic storms; - introduces space as a potential area of conflict between

nations.