Record Nr. UNINA9910163146303321 Autore Even Zahav Anat Titolo Risk Management of Education Systems: The Case of STEM Education in Israel / / by Anat Even Zahav, Orit Hazzan Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2017 **ISBN** 3-319-51984-0 Edizione [1st ed. 2017.] Descrizione fisica 1 online resource (XVII, 91 p. 6 illus.) Collana SpringerBriefs in Education, , 2211-193X Disciplina 370.711 Soggetti Teachers - Training of Financial risk management Economic development **Business** Management science Teaching and Teacher Education Risk Management Economic Development, Innovation and Growth **Business and Management** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references. Nota di contenuto STEM Education in the World -- Strategic Analysis -- STEM Education in Israel: A Case Study -- Phase A: Risk Identification - Identification of Risk Categories by SWOT Analysis of STEM Education in Israel -- Phase B: Risk Rating -- Phase C: Risk Response -- What Can STEM Education Systems in the World Learn from the Israeli Case?. Sommario/riassunto This work illustrates how risk management can be applied to educational systems in general, and STEM (Science, Technology, Engineering and Mathematics) education in particular. The rationale for this approach stems from the increased awareness of the importance and contribution of STEM education to nations' economic growth and development. The coverage begins with the challenges of STEM education systems, and concludes with a thorough strategic risk response plan. The text outlines a risk-management plan/program for

STEM education in Israel, based on the conceptions of five stakeholders

groups: educators, academics, industry professionals, military and philanthropic actors. All of whom have expressed interest in promoting STEM education in the high school/secondary education system. The result, ultimately, presents an impressive, meaningful, and practical understanding of the difficulties and challenges, together with applicable modes of action, and a new horizon towards which STEM Education should march.