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<b>Nota di contenuto</b>	Preliminary Material / Nasser Mansour and Saeed Al-Shamrani -- Saudi Science Teacher Professional Development / Hiya Almazraa and Saeed Al-Shamrani -- Science Education Research in the Sultanate of Oman / Sulaiman M. Al-Balushi and Abdullah K. Ambusaidi -- Science Teacher Professional Development Needs in the United Arab Emirates / Sufian A. Forawi -- Making the Science Class Spacious for Students' Voice / Asma Al-Mahrouqi -- Science Education Reform and Related Cultural Issues in Bahrain / Khalil Y. Al-Khalili -- A Conceptual Framework for Re-Shaping Science Education in Saudi Arabia / Khalid Alhammad -- A Cross-National Comparison of ICT Resources and Science Teachers' Professional Development in and Use of ICT in the Gulf Cooperation Council Countries / Alexander W. Wiseman and Emily Anderson -- Science Education in Saudi Arabia / Maher Mohammed Alarfaj -- Adopting Western Models of Learning to Teaching Science as a Means of Offering a Better Start at University? / Aneta Hayes , Nasser Mansour and Ros Fisher -- Science Education in the Sultanate of Oman / Abdullah Ambusaidi and Sulaiman Al-Balushi -- The Socio-Cultural Contexts of Science Curriculum Reform in the State of Kuwait / Ahmad S. Alshammari , Nasser Mansour and Nigel Skinner -- About the Contributors / Nasser Mansour and Saeed Al-Shamrani -- Author Index / Nasser Mansour and Saeed Al-Shamrani -- Subject Index / Nasser Mansour and Saeed Al-Shamrani.

## Sommario/riassunto

The book introduces the development of science education in the Arab Gulf states and presents a critical analysis of current issues and concerns in educational research in science education. The key purpose is to provide some perspectives on the state of science education in Gulf and to share experiences with international scholars about the impact of the innovations and reforms implemented in science education in Arabian Gulf. But Science Education in the Arab Gulf States also intends to present new visions and to make suggestions and recommendations about the contribution of science education to prepare students in the knowledge age. The volume is organised into three main sections. The first section addresses the current practices and challenges in science education in some of the Arab Gulf states. This section sheds critically the light on the challenges and problems that hinder or constrain the implementation of innovations in science education. The second section analyses the science educational reforms and innovations that are being implemented in the Arabian Gulf. This section presents experiences and research with using new approaches to teaching and learning in science classrooms in some of the Arab Gulf states. The third section discusses the socio-cultural issues that have impacted on shaping and reshaping the science education in the Arabian Gulf. This section focuses on exploring the socio-cultural factors that influence engagement and non-engagement in science education. It also explores how socio-cultural issues and contexts guide the reform of science education in the Arabian Gulf and presents various examples of how we can respond to cultural issues. .

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