1. Record Nr. UNINA9910136620003321

Autore	Naidoo Suvania
Titolo	Acid Mine Drainage in South Africa : Development Actors, Policy Impacts, and Broader Implications / / by Suvania Naidoo
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	9783319444352
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (137 p.)
Collana	SpringerBriefs in Environmental Science, , 2191-5547
Disciplina	333.7
Soggetti	Water pollution Environmental health Sustainable development Environmental sociology Economic development Waste Water Technology / Water Pollution Control / Water Management / Aquatic Pollution Environmental Health Sustainable Development Environmental Sociology Development Studies
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	1. Overview of AMD in South Africa -- 2. Global context of AMD -- 3. Water, Mining, and Development in South Africa -- 4. The Nature of Acid Mine Drainage in the Vaal River System -- 5. The Policy Response to Acid Mine Drainage in the Gold-Mining Sector -- 6. Socio-economic Impact of Acid Mine Drainage -- 7. AMD and a Sustainable Future for South Africa?. .
Sommario/riassunto	This SpringerBrief focuses on Acid Mine Drainage (AMD) in the three basins in the Witwatersrand, South Africa. It provides a background to AMD and its impactsfrom a social science perspective.The South African government and non-governmental organizations' response to AMD is assessed, as well the socio-economic and developmental effects of AMD. This volume, which is based on the author's Master's

dissertation at UNISA, involves interviews with a range of experts in the field from government departments, environmental organisations (activists), the private sector (mining), tourism sector and the agricultural sector. The book discusses existing policy documents on AMD and provides recommendations in response to the many socio-economic impacts which have not been fully addressed. A literature review on the global context of AMD is provided. South Africa's water systems are already severely harmed by climate change, different forms of pollution, and poorly managed sanitation systems. For these reasons, the country is becoming increasingly water-stressed and therefore, water will continue to become much scarcer in the future. As a result of AMD's continued impact on South Africa's water systems, as a technical or scientific matter as well as the policy implications for the mining sector, water security and socio-economic sustainability has become a highly contested issue.