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Chapter 13. Sustainable management of groundwater resources in parts of Arid South AustraliaChapter 14. Groundwater quality management practices; Chapter 15. Protection of groundwater environments; Chapter 16. Impacts of below-ground structures on the groundwater environment and their management; Chapter 17. Geological hazards due to groundwater pumping and/or artificial recharge; Chapter 18. Groundwater-related laws in Japan; Chapter 19. Groundwater-related laws, regulations and standards in China; Chapter 20. The EU groundwater regulatory framework
Chapter 21. Groundwater legal framework and management practices in the High Plains aquifer, USAChapter 22. UNESCO inventory of transboundary aquifers: managing shared groundwater resources wisely; Color Insert; Back Cover

Sommario/riassunto

Groundwater is an indispensable resource in many parts of the world, where it supports domestic water supply, irrigated agriculture and industry. Its increased, and often intensive, use during the last half century has created problems and raised concerns regarding the potential depletion of local aquifers, water quality degradation and various geologic hazards such as land subsidence and sinkholes. This volume includes contributions by experts from several countries who describe different groundwater management practices in their part of the world and discuss measures and actions in respon
