

Contents

Saline Groundwater Ascension Problems in East Cairo: Environmental Threats of Fast Growing Cities.	1
Aly Werwer, Hamed Shaker and Magda Idris	
Origin, Anthropogenic and Climate Influences on the Occurrences of Saline Groundwater at the City of Cairo, Egypt Deduced by Chemical Parameters of the Water Composition	9
Werner Balderer, Fanny Leuenberger and Hussein Idris	
Sinai Peninsula: An Overview of Geology and Thermal Groundwater Potentialities	25
Mohamed Ragaie El Tahlawi	
Enhanced Fluoride in Groundwater in Eastern Anatolia: Effects, Origin and Possibilities for Remediation	39
Werner Balderer, Fanny Leuenberger, Giorgio Menghini and Walter Dierauer	
Origin of Thermal Waters in Budapest Based on Chemical and Isotope Investigations Including Chlorine-36	49
Werner Balderer, H. Arno Synal, J. Deák, I. Fórizs and Fanny Leuenberger	
Resources of Curative Mud of the Crimea Peninsula	61
Elena Kayukova	
Chemical and Isotopic Characteristics of Thermal Waters in the Carpathian Region, South Poland: Implication to the Origin and Resources	73
Adam Porowski	
Helwan Springs.	91
Ibrahim El Shamy	

Occurrence of High Bicarbonate Groundwater in Victoria, Australia.	97
Andrew Shugg	
Industrially Valuable Components in Oilfield Waters of Russia.	111
Arkady Voronov and Natalia Vinograd	
Appendix A: Geographic and Geologic Terms Connected With Egypt	119
Appendix B: Photo Captions	123

Thermal and Mineral Waters

Origin, Properties and Applications

Balderer, W.; Porowski, A.; Idris, H.; LaMoreaux, J.W.

(Eds.)

2014, XV, 135 p. 85 illus., 49 illus. in color., Hardcover

ISBN: 978-3-642-28823-4