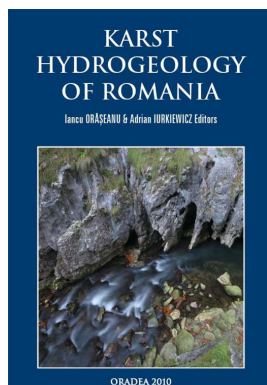


IANCU ORĂȘEANU, ADRIAN IURKIEWICZ (EDS.), *Karst Hydrogeology of Romania*, 444 p., 2010, Publ. Belvedere, Oradea.



The editors of this volume are the distinguished experts in the field of hydrogeology Iancu Orășeanu and Adrian Iurkiewicz.

Dr. Orășeanu is a recognized expert with extensive and remarkable experience in karst hydrogeology, water and mineral springs. He is a member of the Romanian Association of Hydrogeology, the International Association of Hydrogeology, the Romanian Speleological and Karstology Society and the Scientific Council of Apuseni Natural Park. He has published numerous works on karst hydrogeology in Romania. The results of his investigations, presented in numerous national and international scientific meetings were published in magazines from Romania and abroad.

The second editor of this volume, Dr. Iurkiewicz is a researcher at the Research Department of Environmental Geology and Geophysics from the University of Bucharest, carrying out an intensive activity in the hydrogeology area. His works cover the following areas: research and evaluation of water resources, mining hydrogeology, environmental impact studies and karst hydrogeology. During 2001–2003 Dr. Iurkiewicz was a UNO consultant for the Food and

Agriculture Organization. He is a member of the International Association of Hydrogeology, the Romanian Hydrogeology Association and the Scientific Council of the Semenic-Cheile Carașului National Park.

The current volume is structured in four chapters, as follows:

Chapter 1. *Carbonate Deposits in Romania, Hydrogeological regional classification of the karst*, p. 11–15, author Iancu Orășeanu;

Chapter 2. *Short History of the Hydrogeological Investigations of the Karst in Romania*, p. 19–26, author Iancu Orășeanu;

Chapter 3. *Hydrogeological Conditions of the Karst Areas*, p. 29–360, 169 figs. This is the largest chapter addressing several karst areas investigated by different Romanian specialists: Rodna Mountains, Banat Mountains, Southern Vâlcan Mountains (author Adrian Iurkiewicz), Hăghimaș Karstic Mountains (author Gigi Dragomir), Postăvaru Massif, Dâmbovicioara Pasage and Apuseni Mountains (author Iancu Orășeanu), Bucegi Massif (authors Dan & Ruxandra Slăvoacă and Alexandru Istrate), Parâng and Căpățâni Mountains, Poiana Ruscă Mountains, Mehedinți Mountains and Plateau, Babadag Plateau (authors Gh. & Rădița Bandrabur), Jiul de Vest-Cerțișoara Basins (authors I. Povară, Gh. Ponta and Al. Bulgăr), Ponor Plateau (authors I. Gabrian, T. Tămaș, Diana Sahy, B. Onac), Cuciulat-Purcăreț-Boiu Mare Karst Area (authors B. Onac, D. Vereș, T. Tămaș, SC Montana Baia Mare and V. Todoran) and Southern Dobrogea (authors Fl. Zamfirescu, Al. Danchiv, Iulian and Roxana Popa, Kim Rudolph-Lund).

Chapter 4. *Karstic Terrains and Thermomineral Waters*, p. 363–443, 53 figs. In this chapter the thermomineral waters from the Cerna Valley Basin have been discussed (authors I. Povară, Gh. Simion and C. Marin) Stâna de Vale and Moneasa areas (author I. Orășeanu), Băile Felix – 1 Mai area (authors A. Tenu and M. Diaconu) and Mangalia Area (author C. Marin).

The paper regarding karst hydrogeology was made in exceptional graphic conditions being a reference volume in this field, providing to those interested a well structured material. With regard to the scientific content of every chapter, it needs to be noted the detailed, complete and competent analysis of each and every zone.

This volume is an excellent source of information useful both to specialists and students in the field, impressing through the quality and elegance of its illustrations and presentation.

We congratulate the distinguished editors and authors of this work for the interesting material and for their professionalism.

Dr. Rodica Macaieș

