

## MEMORIAL

**Śp. prof. nadzw. dr hab. inż. MAREK DOKTOR**

**(June 9, 1949 Bielsko-Biała – August 19, 2020 Krakow)**

sedimentologist, specialist in the field of geotourism



In 1967, Marek Doktor graduated from high school in Krakow and began studies at the Faculty of Geology and Exploration at the AGH University of Science and Technology in Krakow. He received his master's degree in mining geology in 1972, and in 1980 he received a doctorate in natural sciences. He was awarded the habilitation degree in Geology in 2009 based on the habilitation thesis entitled Conditions of accumulation and sedimentary architecture of the upper Westphalian Cracow Sandstone Series (Upper Silesia Coal Basin, Poland).

Immediately after graduation, Marek Doktor started working at the Polish Academy of Sciences, which he continued until 2008 at the Department of Dynamic Geology, transformed into the Research Center of the Geological Institute. While working at the Polish Academy of Sciences, he took part in a scientific expedition to the Andes in 1978, and in 1978, 1983-84, 1987-88 and 1990-91 he participated in polar expeditions to the areas of West Antarctica. From 2004, Marek Doktor was associated with the Stanisław Staszic AGH University of Science and Technology in Kraków, where he continued his research and conducted classes with students. He was employed at the Department of General and Mathematical Geology at the Faculty of Geology, Geophysics and Environmental Protection as an assistant professor, in the years 2012-2017 he was a university professor at the Department of General Geology and Geotourism. From 2012 to 2020 he was a professor at the Institute of Humanities, Social Sciences and Tourism of the Podhale State Higher Vocational School in Nowy Targ. Marek Doktor is buried in Krakow at the Podgórze Cemetery.

Marek Doktor's scientific interests focused on three research areas: sedimentology of contemporary and fossil clastic deposits, geotourism and rock raw materials, and archaeological artifacts. After graduation, Marek Doktor began to analyze clastic sequences. He studied the deposit conditions of the Miocene age coarse sediments near the Carpathian

border. Subsequently, he began the analysis of the coal-bearing succession of the Upper Silesian Coal Basin, where he included facies analyzes that were innovative at the time and applied mathematical and computer methods to the classical research methods. The performed genetic and structural analysis of the rocks of the mudstone and paralytic series provided the basis for a comprehensive interpretation of the architecture of the rocks and the development of synthetic models of the depositional system. In the 1980s, Marek Doktor dealt with the sedimentology of modern sediments, took part in the development of the delta on the Płociczno Lake and in the study of the evolution of the anastomosing section of the Narew River. Scientific expeditions into the West Antarctic region have resulted in the development of the Trinity Peninsula Group sediment deposition mechanisms and environment in Paradise Harbor, the Miers Bluff Formation on Livingston Island and the La Meseta Formation on Seymour Island.

At the beginning of the 20th century, Marek Doktor started working on geotouristic issues. He was one of the founders and a devoted popularizer of this specialization in the Polish scientific community. He participated in national and regional documentation and valorization studies on geo-heritage, was the author of methodological studies, co-author of the *Geostrada Sudecka*, and organizer of a conference on geotourism. In the last years of his life, he dealt with the project of the cross-border Pieniny geopark and undertook activities aimed at implementing this idea. He was involved with great commitment in the training of new specialists for geotourism. His didactic work at AGH and PPWSZ was focused on geographic and geotouristic issues. An important aspect of Marek Doktor's activity was research for archeology. He dealt with the sedimentology of sedimentary profiles of excavation sites and rock materials from which artifacts were made. In the years 1998-2006, Marek Doktor was the deputy head of the Research Center of the Institute of Geological Sciences of the Polish Academy of Sciences, in the years 2011-2017 he headed the Department of General Geology and Geotourism at AGH. He was a member of the Polish Geological Society, the Polish Geographical Society, the Main Committee of the Geographic and Nautological Olympiad, the Team of Experts at the National Science Center, the Committee for Polar Research, founder, and member of the International Association for Geotourism. In addition to his membership, he was a secretary in the Editorial Team of *Annales Societatis Geologorum Poloniae*, *Acta Geoturistica*, *Polar Bulletin*, and *Geotourism*; in the latter, he was also the editor-in-chief. For his activities in the scientific and organizational field, he received the Award of the Scientific Secretary of the Polish Academy of Sciences, the Ludwik Zejszner, and the Awards of the Rector of AGH several times. Marek

Doktor was passionate about nature photography, which he practiced with great success, he was also a bibliophile, he collected albums presenting objects of inanimate nature. Marek Doktor has been struggling with cancer disease for the last 8 years of his life. He left us on August 19, 2020.