



doc. RNDr. Bohdan Kříbek, DrSc.

Born in 1946, graduated as RNDr. (Doctor of Natural Science) at the Charles University, Prague in 1969. Since 1994, he has been working in the Czech Geological Survey, Prague.

1970 to 1993, he was at the Department of Economic Geology, Faculty of Science, Charles University. Within this period, he published several papers on the uranium complexation with humic acids, and on the sorption of UO_2^{2+} on humic acids and clay minerals. He was also involved in the investigation of geology and geochemistry of the Příbram, Zadní Chodov and Vítkov vein- and shear zone hosted uranium deposits and in the geochemistry and isotope geology of the stratabound uranium mineralization in Neoproterozoic black schists of the Barrandian area, Bohemian Massif. For a long time, he studied the role of carbonaceous matter in the genesis of various types of uranium deposits.

In 2002, he organized the international conference „Uranium deposits: From their genesis to their Environmental impacts“ held in Prague, and in the same year he published (together with Antonín Hájek, Diamo, state enterprise) a monography on the Rožná uranium deposit in Czech Republic.

Expert activities:

During his postgraduate fellowship in Sweden in 1975, he studied uranium mineralization of the Alum Shale Formation in the Ranstad area, and between 1989 and 1991, he published several papers on the metallogeny, structural, lithological and time controls and relationships of ore deposition in an anoxic environment. He was a national coordinator of the Czech IAGOD group and a Head of the Czech and Slovak National Group of the UNESCO/ IGCP 254 project “Metalliferous back shales”. For a long time he was a scientific correspondent for the Chronique de la Recherche Minière, Paris.

In the years 1992 and 1993, he worked as visiting professor in the Centre des Recherches sur la Géologie des Matières Premières Minérales et Énergétiques, Nancy, France. During his stay in France, he took part in the research projects focused on the geochemistry and petrography of the Oklo natural fission reactor in Gabon, and in the geochemical study of the coal-hosted uranium mineralization of the Lodève deposit, France. For a long time, he has been working on metallogeny of Africa, including isotope and geochemical study of the Cu-U mineralization in the Zambian Copperbelt.

Recently he was involved in the geochemical and mineralogical studies of the burn-out coal and uranium-rich heaps in the Žacléř-Svatoňovice district and in the geochemical investigation of the mobility of Zr, Ti, and the origin of REE mineralization in several uranium deposits of the Bohemian Massif. He was awarded with the Honorary Professorship of the French Academy of Sciences, Paris in 2004.

He published over 90 scientific papers in the Czech and international journals and several university textbooks.