

Cibulka, J. (ed.): **Movement of Lead, Cadmium and Mercury in the Biosphere.** - Academia, Praha 1991. 418 pp.

The publication presents the evaluation of literature which has been published over the past years concerning lead, cadmium and mercury movement in biosphere. Besides general problems associated with pollution of the environment the main chapters of the book are focused on atmosphere pollution with lead, cadmium and mercury, movement of these elements in the aquatic environment, heavy metals in soils, plant contamination, contamination of wild animals, farm animals, influence of lead, cadmium and mercury on the impairment of reproduction, contamination of feed with these elements and their influences on lactation and quality of milk, influence on tissues and organs in terrestrial animals, possible contamination of biotechnological processes and products, perception of risks associated with human nutritional exposure to these elements, permitted limits, norms and legislation, essentially of lead, cadmium and mercury for animals, prognosis of further development of lead, cadmium and mercury contamination of the biosphere. The great attention is also paid to the methodological problems of determination of trace amounts of lead, cadmium and mercury in biological materials.

The main goal of this book was to give an overview of literature published in this field over the past years. The editor and his co-authors, scientists working in this field for a long period, prepared a large collection of published literature divided into individual but mutually related chapters. The authors stressed the most important points which can lead to contamination of biosphere, agricultural products and foods. In the last chapter they also tried to predict the development of contamination by lead, cadmium and mercury in the future.

As it was already mentioned the book gives a lot of information of course in some cases with the controversial view on the same problem, in these cases the reader would appreciate an author's meaning.

The book can help scientists working in the field of plant and animal production, food processing and generally to all which are interested in the contamination of biosphere with lead, cadmium and mercury.

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