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Nota di contenuto	Conceptualising sustainable management of soil organic carbon -- Status and problems of normative monetary valuation of land in Ukraine -- An investable proposal -- Creating digital elevation models using budget unmanned aerial vehicles -- Determination of eroded Chernozem on the Right-Bank Steppe of Ukraine using the Soil Line -- Identification of the structure of soil cover by magnetic susceptibility -- Specificity of processes in hydromorphic soils -- Anthropogenic and genetic conditions for phosphate mobility in individual -- Robinia pseudoacacia and Quercus robur plantings change the physical properties of Calcic chernozem. .
Sommario/riassunto	Dokuchaev carried out most of his research in Ukraine. His student and friend, Volodymyr Vernadsky, went on to create trans-disciplinary environmental sciences and the concept of Earth as a living organism, famously taken up by James Lovelock. That spring of ideas still flows and the researches captured in this volume are relevant to present-day problems, and not only in Ukraine. Soils have always been under stress but, in the Anthropocene, mankind is in the driving seat. As a sequel to Soil Science Working for a Living: Applications of soil science to present-day problems, we consider issues of policy as well as soil genesis, attributes and functions in various environments, natural and man-made. We consider human impacts on the soil cover through its use and misuse, highlight methods of research and assessment of soil

quality, and the threats of soil degradation. The distinguished contributors also describe and propose various options for evaluation and remediation of degraded soils, drawing on the latest methods of modelling and cartography as well as long-term field experiments and long experience. The book will be invaluable to researchers and practitioners in soil science including graduate and post-graduate education, academics and professionals.