



“Gheorghe Asachi” Technical University of Iasi, Romania



INTEGRATED IT TOOLS FOR THE MANAGEMENT OF PROTECTED AREAS. CASE STUDY: BIODIVERSITY CONSERVATION IN JIU VALLEY NATIONAL PARK

Csaba Lorint^{1*}, Lucian Lupu-Dima², Eduard Edelhauser³, Alina Lorint⁴

^{1,3} *University of Petroșani, Management, Environmental Engineering and Geology Department, 20 University Str., 332006 Petroșani, Romania*

² *University of Petroșani, Mining Engineering, Surveying and Civil Engineering Department, 20 University Str., 332006 Petroșani, Romania*

⁴ *Hunedoara Energetic Complex, Environmental Protection Department, 2 Timișoara Str., 332015 Petroșani, Romania*

Abstract

During the last decades, the biodiversity conservation became a constant concern for the specialists in environmental resource management by increasing the awareness of the complexity, fragility and inestimable value of our planet. Nowadays, this issue should be an ethical duty for all the 7.2 billion inhabitants of the planet. The biodiversity conservation should be approached as a multidisciplinary research field, developed in response to the actual world crisis. In this multidisciplinary field the IT has currently a crucial role, since the accountable management of environmental resources is difficult to be conceived without the help of this tool. The paper is part of this multidisciplinary approach, since it discusses the use of an integrated IT project for generating practical measures towards the biodiversity conservation of the Jiu Valley National Park (JVNP).

Key words: biodiversity, conservation, environmental resources management, IT integrated tools, multidisciplinary approach

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* Author to whom all correspondence should be addressed: E-mail: csabigeo@yahoo.com; Phone: + 40 724 355 717