



“Gh. Asachi” Technical University of Iasi, Romania

SUSTAINABLE DEVELOPMENT ASSESSMENT. APPLICATION TO THE PRUT RIVER BASIN

**George Barjoveanu^{1*}, Carmen Teodosiu¹, Michael Sogaard
Jørgensen²**

¹ Technical University of Iasi, Industrial Chemistry Faculty, Department of Environmental Engineering and Management, 71A D. Mangeron Bd. 700050 Iasi, Romania, ² Technical University of Denmark, Department of Manufacturing Engineering and Management, Innovation and Sustainability Group, Matematiktorvet 303 East, 2800 Lyngby, Denmark

Abstract

Sustainable development is nowadays more than a future objective; it is also a management process. Therefore it is important to be able to assess changes in those aspects of sustainable development, which are found important. This type of assessments relies, among others, on the use of sustainable development indicators. One of the objectives of this paper is to present the application of sustainable development indicators and their possible use in the sustainable development process. Based on a general indicator framework developed and used in the Fraser River Basin (Canada) this paper will assess the opportunities of applying the sustainable development indicators at the Prut River Basins, discussing as well the limitations of the effective usage in the Romanian context.

Keywords: sustainable development indicators, SD indicators frameworks, Fraser River, Prut River

* Author to whom all correspondence should be addressed: Phone: +40 745 389 372, e-mail: gb@ch.tuiasi.ro