
SETTING UP PRIORITIES IN REHABILITATION OF URBAN INFRASTRUCTURE ENVIRONMENTAL SYSTEMS

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Conventional wisdom in dealing with urban water infrastructure systems (water supply, wastewater, stormwater, urban streams, groundwater and receiving water bodies in urban areas) is undergoing significant paradigm shift. Philosophy of analysis, design, management and socio-economical interactions is undergoing a significant change* under the need to address the environmental concerns, resources recycling and providing better services, quality of life and standard of living. At the global scene this concept also has to address the problems of poverty alleviation and public health concerns in the low income part of its population. In water supply the demand driven concept is being replaced by demand managed system, mixing waster water and stormwater is being replaced by more separation and solving problems "on the source". The integrated solutions (IUWM – Integrated Urban Water Management) concept* is starting to be implemented globally. The paradigm shift should be embraced in both developing and developed countries.

The paper addresses the possibilities and need of gradual implementation of these concepts in the projects of the post-war rehabilitation in the other Former Yugoslav republics and post-NATO strikes rehabilitation projects in the FR of Yugoslavia (Serbia and Montenegro). Firstly the basic principles concept are introduced, the examples of successes and failures experienced in the rehabilitation projects in Republic Srpska, (Bosnia and Herzegovina) are presented and the proposal on how to tackle the potential problems in the forthcoming rehabilitation projects in FRY is elaborated in some details. In addition to tackling the technical and technology transfer problems for example: how to make the "reputable experienced engineers who know how the things are done" to lean and embrace the new concept, the paper addresses the need to strongly incorporate socio-economical and public awareness raining aspects into the projects form their very start.

Reference:

- * C. Maksimovic, J.A. Tejada-Guibert Eds. (2001): **Frontiers in Urban Water Management - Deadlock or Hope**, IWA Publishing