

MANAGEMENT OF WATER RESOURCE BY GEOCODED DATABASES: INTEGRATIONS OF DATA IN CENTRAL UNITS OF HYDROGRAPHICS BASINS WITH INTERNET ACCESS

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Actually most people realized about the problems with to quantity and quality of water in many cities around of the world. Although, these problems occurs in minor proportion in Brazil comparing with industrials countries, but they are rising and engross the attention of public and governmental organizations, institutes of research, and society. The recent laws about water resource and the creation of National Water Agency and Hydrographic Basins Agencies are given formats to the Management System of Water in Brazil. In the Federation, States and Cities, a lot of public organization and administration are wrapped in management water resources. In all of these organizations, administrative process are opened to control and legalize the use of water, becomes researches more difficulty, projects and attempt more expensive. The present proposal is that public and administrative organizations dispose to Internet access databases geocoded, displaced in pre-determinate forms, with information up to date about administrative process, its situation, licenses and granting. In central units of hydrographic basins (Hydrographic Basins Agencies) this several databases can be integrated with maps with different scales through specifics programs of SIG. This databases are acquired with periodic links between server systems located in these public organizations connected to Internet. The integration of several information in this decentralized units of water management should help in models conduct development of water resource. Fast inter-correlation of actually information bring us reliance that can be the base to immediate decisions to solve some problems with better management of water.