LENVIS: A USER CENTRIC, WEB SERVICES BASED SYSTEM TO RETRIEVE, ANALYZE AND DELIVER ENVIRONMENTAL AND HEALTH INFORMATION

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Abstract

Localized ENViromental and health Information Services for all (Lenvis) is a European Union FP7 research project aimed at developing an innovative collaborative decision support network for exchange of location-based environmental and health services between all stakeholders, for enhanced capacity to assess population exposure and health risks, and better management of the concerned ecosystems. Lenvis includes health indicators as integral part of the environmental management. In Lenvis data are treated as metadata improving the interoperability among different components. The information provided by Lenvis is accessible to different groups of users: citizens and professionals in water and air area, as well as to local health authorities and health care providers.

This paper presents the research results of Lenvis project, the system which is the main outcome of the project, and the advantages of using the results of the project by local authorities’ practitioners and the public.

Key words: collaborative decision support network, environmental and health data, water quality, web services

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