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

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Abstract

Localized ENVironmental 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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