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Web-based GIS Application for supporting urban planning decision-taking process.

Urban planning plays an important role in the local development process that is carrying out in the Historical Centre of Havana, Cuba. This process is headed by the Office of the City Historian. A methodological management and information control and coordination center was established in 1994 under the name of Master Plan in order to study, on various scales, the Historic Center's problems and its fortifications, and issue the most appropriate strategies for their recovery. The information was divided into a number of Topics like: Cadastre, Architectural Inventory, Land Use, Population and Housing Census, Historical Evolution, Imagery, Land Management, Territorial Control, Urban Regulation, Cartography and Documentary Reference. To perform its functions, the Master Plan constantly needs to manage -consult, update, develop and discard- huge amounts of information which had been filed separately so far, leading to a delayed and complex work process. It is with this view in mind, that we have developed a web-based GIS application on the basis of comfortable and efficient interfaces which thus contribute to facilitating and centralizing our work. In this presentation, the application development process and main characteristics of web-based GIS application for urban planning are presented. This work was supported by the Swiss Agency for Development and Cooperation (SDC).

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