Guidelines for the Planned conservation of the ruins of Ninfa: a tool for sustainable management of archaeological remains and vegetation

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Environmental and economic sustainability, climate adaptation, respect of the historical value of ruins and vegetation layout, visitors' safety. These are among the many issues to be considered in the management of a peculiar site such as the Garden of Ninfa, where the continuous, inevitable decay of the archaeological remains and the growth of vegetation over them, represent a condition of permanent conservative concern.

Aiming to implement broader and more thoughtful practices, the Roffredo Caetani Foundation has recently supported the development of a strategy based on the principles of planned conservation of the ruins. The "Guidelines for the Planned conservation of the ruins of the Garden of Ninfa" represent the methodological framework for this strategy and summarise its logical process: from the analysis of the characteristics of existing structures, through an in-depth assessment of risk factors and levels for each single wall of the site, it intends to determine the most urgent interventions and the possible coherent work methods. In doing so, an in-depth analysis of the numerous former restorations works, implemented in the past hundred years, has also been carried out.

In order to manage the on-going process in a more coordinated manner, a computerised control of the entire process through an HBIM model of the site has been implemented: it will help to store data on the characteristics of the ruins, as well as the conservative state assessment and project data information, which will be therefore accessible to all operators active in the process.