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New technologies for the study of the health status of Torre Guaceto

October 5, 2020 | Posted in News & Press Releases (/index.php/it/notizie-e-foto/notizie) . (/index.php/it/notizie-e-Read 1234 times.foto/notizie)

The Torre Guaceto Marine Protected Area is at the center of an important project for monitoring the health of the environment. In the last few hours, the Management Consortium of the reserve has installed some sensors designed to monitor marine conditions on one of the buoys that signal the protected surface.

In detail, the partners Wide Pilot srl, CNR IBAM - Institute for Archaeological and Monumental Heritage of the National Research Council, ENSU – Environmental Surveys srl, CMCC – Foundation Euro-Mediterranean Center on Climate Change, IDS Ingegneria dei Sistemi spa, Isalit srl and the University of Salento have joined together and obtained funding from the Puglia Region for the implementation of a project for advanced environmental monitoring.

This is “Sagace”, the aim of the action is to reduce the risks to human health and the environment deriving from the presence of pollutants in the soil, air and water, through the creation of an advanced technological and methodological monitoring solution.

This solution will allow the collection of relevant information from environments such as coastal-marine, urban, extra-urban areas for the purpose of identifying any risk factors and, therefore, starting a path for their mitigation. Once the system was designed, it was decided to conduct the study in the Torre Guaceto MPA.

From today and for the next 4 months, the sensors installed in the last few hours will acquire 24/7 data regarding temperature, turbidity, oxygen in the sea and a series of additional parameters that, at the end of the project, will allow us to draw conclusions and understand the exact state of health of the MPA and what can be done to protect it more effectively.

“We have always monitored the conditions of the protected area on an annual basis,” commented the president of the Torre Guaceto Management Consortium, Corrado Tarantino. “This time we will follow new parameters and collect data with new technology. Our goal is to ensure the reserve receives the best possible protection actions.”

Category Title



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