



IL VALORE ECONOMICO DELLA BIODIVERSITÀ E DEGLI ECOSISTEMI

THE ECONOMIC VALUE OF BIODIVERSITY AND ECOSYSTEM



UNIONE EUROPEA

Fondo Europeo per lo Sviluppo Regionale
Cooperazione Territoriale Europea 2007-2013
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Biodivalue is a project co-funded by the European Union in the OP Italy Malta 2007-2013, duration of 2.5 years and coordinated by ARPA of Syracuse. The partners are ARPA Sicily sect. Syracuse, Marine Protected Area Consortium Plemmirio, ISPRA-Institute for the Protection and Environmental Research, Marine Protected Area - Pelagie Islands; Green Life soc. coop. to R.L., University of Catania (DII); University of Malta; Gal Xlokk LTD

The partner DII-UNICT seeks the implementation of integrated technologies to support the monitoring, collection and transfer data through the construction of underwater robot, towfish equipped with sensors for the measurement of pollutants and biological and physical parameters of the water. Componenti del Partner DII:

- prof. Ing. Rosario Sinatra (scientific responsible),
- prof. Ing. Michele Lacagnina, dott. ing. Alessandro Cammarata, dott. ing. Gabriele Fichera

publications:

1. CAMMARATA A., LACAGNINA M., LITRICO A., NASELLI G. A., SINATRA R., (2013). **Design of towed vehicle for polluting monitoring.** *Conference of Multibody Dynamics*, 2013. Zdravko Terze.
2. CAMMARATA A, LACAGNINA M, SINATRA R (2013). **Dynamic Simulations of an Airplane-Shaped Underwater Towed Vehicle.** In: B. Brinkmann and P. Wriggers (Eds). *V International Conference on Computational Methods in Marine Engineering MARINE 2013*, pp. 831-841, ISBN: 978-84-941407-4-7, May 29-31, 2013, Hamburg, Germany.
3. CAMMARATA A, D'AMATO G, LACAGNINA M, SINATRA R (2011). **Design di un dinamometro operante ad elevate profondità.** *AIMETA, XX Congresso dell'Associazione Italiana di Meccanica Teorica e Applicata*, Bologna, 12-15 settembre 2011, BOLOGNA, ISBN: 978-88-906340-1-7.