Coastal Zone Culture: towards an hermeneutic of Waterscape Archaeology

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Abstract (300 word limit)

Coastal zone is the Earth sector which involves Waterscape Archaeology, recent branch of Archaeological studies which provide a new approach to the environment with a total comprehension of the context.

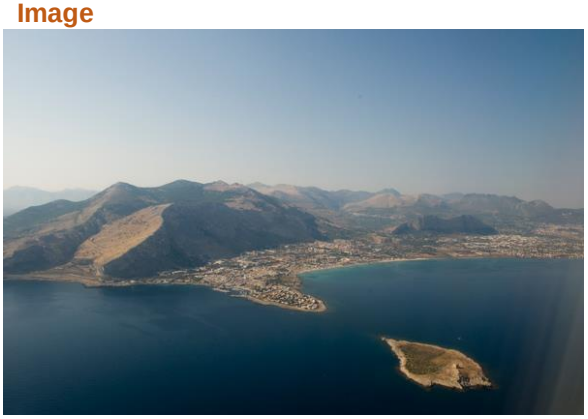
Environments consists of *natural landscapes* and *cultural landscapes*, altered in some manner by people. Among archaeologists, the term landscape can refer to the meanings and alterations people mark onto their surroundings: landscape archaeology is often employed to study the human use of land over extensive periods of time, waterscape archaeology is a multidisciplinary science devoted to the study of human use of wet lands, coastal zones, anthropological connection with the water environment: the study of the ways in which people in the past constructed and used the water environment around them. A new approach of scientific synergy with geomorphological analysis, biology and water environmental conditions studies associated to archaeology, history, ancient sources (texts, inscriptions, cartography), data coming from aerial and satellite photos has been great to map the sites and promote new strategies of use and conservation. *RWT Researching While Training* method following the international CMAS standards and UNESCO legislation has brought excellent results.

In this cultural ambit we developed a pilote Research / Didactic Project called *WAS Waterscape Archaeology in Sicily* at Isola delle Femmine, Palermo, Italy, under the patronage of Soprintendenza del Mare, Regione Siciliana, Assessorato Beni culturali e Identità siciliana, Dipartimento dei Beni culturali e Identità siciliana, Dept. of Cultural Heritage, University of Padova with its Underwater Archaeology Laboratory. The project concerns researches, studies, protection, conservation, tutela of the coastal cultural heritage, with an eco-sustainable approach, best practice for scientific diving, beginning from total respect of nature across a deep knowledge of the context and of the site. The campaigns completed between 2016 and 2018 has been very successful. More than 30 points of cultural interest attested, a new proposal for responsible tourism and conservation for protected marine areas.

The Project, through the organization of 3 European events, is recognized by European Commission Environment and Energy European Commission as Partner for Satellite Event of EU Green Week and Energy Week.

In this conference we would like to introduce our unpublished work, bringing an example of collaboration between different disciplines to safeguard and promote the coast as cultural resource.

Image



Recent Publications (minimum 5)

1. Bucci G (2018), *Remote Sensing and Geo-Archaeological Data: Inland Water Studies for the Conservation of Underwater Cultural Heritage in the Ferrara District, Italy* in Journal of Remote Sensing, Special Issue "Advances in Remote Sensing for Archaeological Heritage", Sens. 2018, 10(3), 380; doi:10.3390/rs10030380 (ISSN 2072-4292).
2. Bucci G (2018), *Monitoraggio archeologico subacqueo nelle acque interne del territorio ferrarese*, in M. Ceserano, M. C. Vallicelli, L. Zamboni (eds.), Atti Convegno Antichi Romani e romanità nelle terre del Delta del Po. Nuovi studi e prospettive di ricerca, 26 settembre 2015 - Copparo (FE), Bologna: 127-136.
3. Bucci G (2018), *Intra moenia. Edilizia urbana privata nella Siria meridionale tardoantica: strutture, metodologie e tecniche costruttive*, "Abitare nel Mediterraneo Tardoantico" – Atti II Convegno Internazionale CISEM, Bologna, 2-5 Marzo 2016, Bari: 289-294.
4. Bucci G (2018), *Archeologia subacquea nei laghi di cava del territorio ferrarese – verifica preventiva e controllo in corso d'opera,* in Il patrimonio culturale sommerso. Ricerche e proposte per il futuro dell'archeologia subacquea in Italia (a c. di M. Capulli), Atti del V Convegno Nazionale di Archeologia Subacquea, Udine, 8-10 settembre 2016, Udine: 261-270.
5. Bucci G (2018), *Archeologia subacquea e geomatica per la ricostruzione del paesaggio fluviale ferrarese nella Tarda Antichità: tecniche data fusion, indagini dirette e indirette* in Archeomatica – N. Spec. Beni Culturali Sommersi, IX,3, 2018: 10-14.
6. Bucci G (2018), *Archeologia preventiva e controllo archeologico in corso d'opera: nuove scoperte nel territorio di Voghiera (FE). insediamenti rurali, aree produttive, necropoli*, in Atti Accademia delle Scienze di Ferrara, Volume 95, Anno Accademico 195, 2017-2018, Ferrara 2018 (ISSN 0365-0464): 191-221.



Biography (150 word limit)

Giovanna Bucci, PhD Archaeologist, Adjunct Professor of Christian Archaeology and Responsible of Underwater Archaeology Laboratory at Cultural Heritage Department, University of Padova, Italy. National Coordinator of Scientific Research and Underwater Archaeology at Federation ITA F07 A.CDCI. CMAS Diving Center Italia, Bologna - Confédération Mondiale des Activités Subaquatiques. Member of UNESCO Roster of Experts active in protecting Syrian cultural heritage, within the framework of the Emergency Safeguarding of the Syrian Cultural Heritage. 146 archaeological fields (on land and underwater); author of 74 scientific publications. Research key words: Archaeology, underwater cultural heritage, surveillance archaeology, Mediterranean Sea, Late roman Architecture, Syria, mosaics.

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Notes/Comments: