

International workshop

The Roman Fish tanks of the Mediterranean: recent interpretations for the sea level changes during the last 2000 years

Santa Severa Castle – September 20-22 | 2022

Program

September 20 | 2022

First session – Sala del nostromo

09:00 – 10:00 Arrival of participants and registration

10:00 – 10:30 Welcome by local authorities

- Avv. Pietro Tidei, *Mayor of Santa Marinella Municipality*
- Dr. Luigi Pomponio, *President of Lazio Crea Society*
- Dr. Flavio Enei, *Director of Museo del Mare e della Navigazione Antica*
- Dr.ssa Margerita Eichberg, *Soprintendente della Soprintendenza Archeologica, Belle Arti e Paesaggio per la Provincia di Viterbo e l'Etruria Meridionale*

10:30 – 10:50 Marco Anzidei *The fish tanks of the Mediterranean: an overview.*

10:50 – 11:20 Kurt Lambeck *Geophysical Importance of Roman Fish Tanks.*

11:20 – 11:40 Coffee break

11:40 – 12:00 Michele Stefanile *Fish-tanks and sea level change: some remarks from Southern Latium.*

12:00 - 12:20 Flavio Enei and Stefano Giorgi *Pyrgi and Castrum Novum: fish-tanks and some new data for the studies on the sea level change.*

12:20 -12:40 N. Mourtzas, E. Kolaiti *The Roman rock-cut fish tanks of Crete (Greece).*

12:40 – 13.00 Goiran J.-Ph, Chapkanski St., Régagnon E., Brocard G., de Graauw A. *Fish tanks and past relative sea-level variations in Tyre, Lebanon.*

13:00 – 14:00 Lunch

14:00 – 15:30 guided tour of *Santa Severa Castle* (Flavio Enei)

Second session – Sala del nostromo

15:30 – 15:50 Bechor B., Brook A., Avnaim-Katav S., Mischke S., Miko S., Hasan O., Grisoni M., Radić Rossi I., Porat N., Sivan D. *Submerged saltpans in the Mediterranean indicate changes in sea-level for the last 2ka. A test case from Dalmatia, Croatia.* (recorded presentation)

15:50 – 16:10 J. Kourtzelis and N. Mourtzas *The fish tank of Lesvos Island (Greece).*

16:10 – 16:30 C. Caporizzo, G. Mattei, L. Amato, A. Cinque, G. Pappone, A. Sorrentino, P. Stocchi, S. Troisi, P. Aucelli *The importance of fish tanks in the reconstruction of the Roman Campi Flegrei Landscape.*

16:30 – 16:50 N. Flemming *Some notes on early work on ancient fishtanks and the concept of soft engineering of fishtanks.*
(recorded presentation)

16:50 – 17:10 Coffee break

17:10 – 17:30 C. Morhange, N. Carayon *Archaeological zonation versus biological zonation in archaeological context in order to refine relative sea-level measurements.*

17:30 – 17:50 L. Franco *Features of the mortar made for the realization of maritime constructions, fish tanks and harbors.*

17:50 – 18:10 E. Kolaiti and N. Mourtzas *Fish tanks misinterpretation cases.*

17:00 – 18:00 Flavio Enei - guided tour of the *Museo del mare e della Navigazione Antica.*

20:00 dinner

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09:00 - meeting of the participants in front of the *Museo del Mare e della Navigazione Antica.*

09:30 – 13:00 Marco Anzidei, Stefano Giorgi, Flavio Enei Field trip to *Punta della Vipera* and *Castrum Novum* fish tanks*

13:30 – 14:30 lunch

15:00 – 16:30 Flavio Enei - guided tour of *Castrum Novum* archaeological area.

16:45 departure to the hotels

20:00 dinner

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Third session – Sala del nostromo

10:00 – 10:20 Barbara Barbaro, Simona Carosi *New perspectives following the establishment of the Underwater Archeology Service of the Superintendence for Southern Etruria, research projects and enhancement of some coastal and inland sites also dedicated to fishing.*

10:20 – 12:00 Flavio Enei, Michele Stefanile, Marco Anzidei *Final discussion on the fish tanks as sea level indicators. Wrap up and first draft of a document of intent for the fish tanks protection.*

12:30 concluding remarks and end of the workshop

13:00 Lunch

*** Notes for participants:**

The complete visit of the fish tanks includes the observation of the main submerged structures (about 1.5 m below the sea level). For this reason it is advisable to bring sea shoes suitable for walking on the rocks, beach towel, bathing suit, snorkeling equipment, polarized sunglasses and a hat.

Access to the Punta della Vipera fish tank requires walking on the rock for about 100 m (level of difficulty: medium).

The visit of the Castrum Novum fish tank and the nearby archaeological area is not difficult to access (level of difficulty: easy).

To join the online meeting click on this link: <https://meet.google.com/uya-tbez-fka>

To join the online meeting by phone, dial **+39 02 3046 1260** and digit PIN: **617 808 471#**