

HOMERE: HOMMES, MILIEUX, ENVIRONNEMENTS, CULTURES

INSU

INEE

INSHS

In September 2009, three CNRS Institutes (INSU, INEE, and INSHS) answered to a call of the French National Research Agency (ANR) on the topic « Which researches and which partnerships for the Mediterranean ?

Other partners were associated with the proposal (CIO-E, Chantier Méditerranée

The HOMERE proposal covered several domains: geophysics, biology, biogeochemistry, chemistry, ecology, social and human sciences

Three broad themes were identified:

1. The Mediterranean system's dynamics: its evolution, its vulnerability and its risks
2. Eco-anthropic systems: ecology, resources, agrarian systems, and health
3. Territoires, cultures and societies: heritages, exchanges, and forms of knowledge

The ANR committee selected another proposal (PARME, Agropolis, Montpellier).

Yet INSU, INEE, and INSHS directors decided that HOMERE proposal should continue in another form.

As a result, a proposal for a PIR (Interdisciplinary research programme) was presented in 2010 to the CNRS.

Among its main aims were the following:

Developing an integrated and interdisciplinary approach

Reinvigorating the study of the local knowledge

Stimulating research on human mobility

Helping to define new research topics at the interface of natural and social systems

Comparing different perceptions of the Mediterranean according to various disciplines, periods, and societies

In April 2010, in order to launch this project, the INSHS allocated seed funding of 80 thousand Euros to the MMSH (Maison Méditerranéenne des Sciences de l'Homme, Aix-en-Provence).

A call for proposals was diffused among the social and human sciences network associated to HOMERE

13 proposals were selected and they each worked for 6 months to define pilot projects based on an international and interdisciplinary approach. The results were presented in December 2010

INTERDISCIPLINARY PROJECT ON ANTHROPISTATION OF THE MEDITERRANEAN LITTORAL

CENTRE D'ETUDES ALEXANDRINES, CEREGE, CENTRE CAMILLE JULLIAN

An InSHS/InEE/INSU project: archaeology, history, geography, geomorphology, geo-archaeology, geophysics, geochemistry, oceanography, cartography, architecture....

An international project: 15 institutions — French, Egyptian, German, Belgian, Greek, Tunisian, Italian and Croatian

Interdisciplinary questioning involving:

1. Interpretation of data from the Earth sciences in the light of literary and archaeological sources
2. Tsunami chronology as seen in archaeological, historical and geological data
3. New dating techniques applicable to littoral sites and methodological problems in the retracing of sea levels
4. Measuring anthropic pollution to date the occupation of littoral sites
5. The consequences of sedimentation mechanisms on the implantation of littoral sites
7. The contribution of archaeology to the interpretation of geological and biological data.
8. The correlation between the physical characteristics of littorals and the implantation of coastal structures

Mediterranean Archaeohistory of fire crafts and industries : from resources management to scenari for future

Marie-Christine Bailly-Maître et Aline Durand
Medieval Mediterranean Archaeology Laboratory UMR 6572 CNRS-Aix-Marseille I University

AIMS OF THE PROJECT

- To characterize production evolution process since the Middle Age to nowadays in occidental Mediterranean (implementation, commercial relationships, technical innovation and transfers)
- To identify mineral and vegetal resources management and environmental impact (fuel supplement, associated ways of life, taphonomy)

Written sources

Excavations and surveys

Ethnoarchaeology

Bioarchaeological and ecological analyses

Physical and chemical analyses

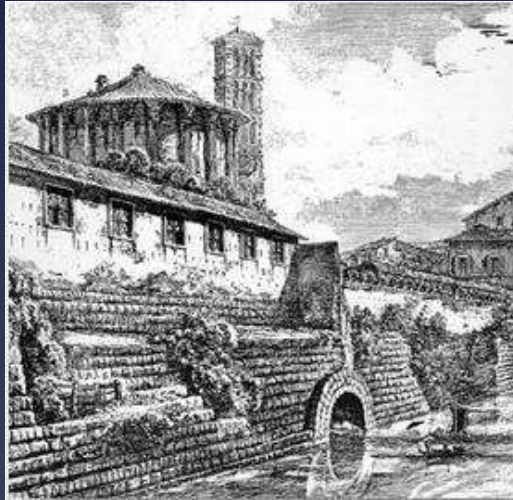
➔ Heavy work to collect and construct factual data, new referred corpus and new methods of analyzes, sources criticism

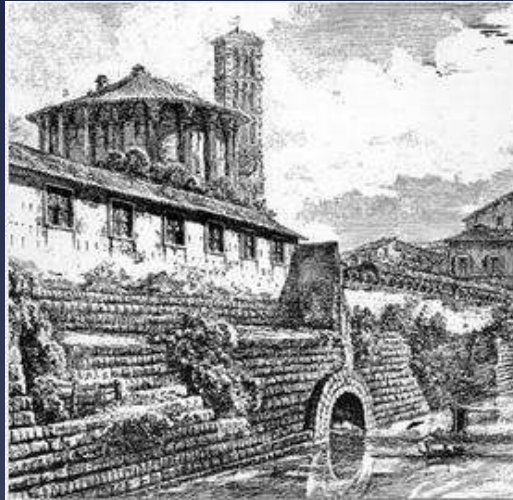
Better understanding of materials and technical process

Craft and industrial heritage expertise, transformation of ancient workshops and factories, scenari for future

Evaluation of environnemtanal impact from craft activities and industries (past and present biodiversity and mineralogy and past and present earth pollution)

Lead paleopollution in the ancient harbours of Trajan and Claudius
Preliminary results





H. DELILE, T. WINIARSKI, F. SALOMON, J.-P. BRAVARD, J.-P. GOIRAN,
J. Blichert-Toft, F. Albarede & S. Keay



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LITTORAL
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