

UNESCO Chair: GUIDELINES ON “Earthquake Safety of Architectural Heritage”

Suggested ACTIVITIES 30.04.2022

Any other relevant information you may wish to supply at this stage	<p>Online Lecture for internship 7 weeks in July and august finalizing with certificate:</p> <p>1.Global architecture, 2. Building biology 3.About earthen architecture, 4.loadbearing design principles and earthquake safety 5.stone and earthen construction technics, mechanical and physical properties , 6.and 7.workshop for earthen material production (each student using own earthen material and production form)</p>
Summary of Project/Research that the proposed UNESCO Chair will undertake	<p>Summer school period : <u>for internship</u></p> <p>-Material decision, -preparing, -wall construction. -Design principles for bearing wall system -Earthquake safety design</p>
Partners/Stakeholders	<p>Universities in Turkey: İTÜ, YTU, MSGSU, FSM Vakıf, IAU, Mediol</p> <p>Universities in N-Cyprus: CIU Nicosia, YDU Nicosia, EUL Lefke</p> <p>Kerpik Academy-academic members: Seyhan Yardımlı, SibelHattap,Olcay Aydemir, Aysel Tarım, Özlem Balık, Ümit Arpacioğlu, Alev Erarslan)</p> <p>CV are attached in section 5</p>
Project leader/contact person (name, curriculum vitae):	<p>1.Prof Dr Alper İLKİ, ailki@itu.edu.tr</p> <p>İTÜ ENGINEERING FACULTY - MASLAK</p> <p>2.Doç Dr Umut ALMAC umutalmac@gmail.com</p> <p>İTÜ ARCH Faculty, UNESCO Member of Turkey</p>

Training, Research, Experimentation and application, Network creation, Information collection and sharing, Dissemination,

The UNESCO Chair Earthen Architecture proposes to ,research and develop earthen architecture and to transfer all researches and development through training and education activities in existing universities and in scientific as well as technical centres. **Constructive Cultures and Sustainable Development**

MAIN OBJECTIVE

To accelerate the research and development worldwide, and the dissemination of scientific and technical know-how on earthen architecture amongst the higher education institutions, in the following three domains: environment and heritage, human settlements, and economy and production.

ACTIVITIES

Training

The UNESCO Chair Earthen Architecture aims to giving priority to the development of training programmes in institutions for higher education, both on the levels of initial education (awareness) and specialized training (post-graduate courses). Intensive courses for a professional audience are also being organised on national and regional levels. All training activities are based on an active pedagogy, focussing on operational and practical activities.

Research

Scientific as well as operational research is a key activity of the UNESCO Chair Earthen Architecture. It covers these various fields: Research on materials and technologies but also on economy of production with local building materials, construction know-how, heritage, human settlements and environmental issues.

Experimentation and application

Priority is being given to the development of demonstration activities on the field, in cooperation with governmental and international organizations, but also with NGOs and with the private sector. Interdisciplinary actions are the basis of such activities.

Network creation

Setting up an international network is an essential tool for the research, development, promotion and experience sharing on earthen architecture. This network is being set up on various levels: regional, interregional, national and international.

Information collection and sharing

Research and development, as well as studies in the field of Earthen Architecture have been accumulated worldwide. Unfortunately this information has not been capitalised yet by anybody. The UNESCO Chair Earthen Architecture aims to gather all the information available worldwide and become a knowledge platform accessible by all.

Dissemination

The dissemination activities of the UNESCO Chair are focused on three levels:
Promotion of earthen architecture through the media and exhibitions for the general public,
dissemination in the scientific community through the set up of a data base, strategy of
awareness to specific populations.

SUGGESTED OFFICIAL PARTNERS AND NETWORK

The partners of the UNESCO Chair are **universities** and **institutions**; priority is given to those establishments who have already an existing structure able to manage and programme high-level education or development projects.

FOLLOWING the RULES OF CRATerre-EAG – Established: by Prof Dr Bilge IŞIK

Suggested Partners

Mr. Hubert Guillaud, Chairman, CRATerre-EAG,

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Mrs. Bakonirina Rakotomamonjy

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Spécialiste de projet pour la Chaire UNESCO Architecture de terre,
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CONTACT Prof Dr Bilge IŞIK

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