

Date	02.11.2012	
Area	Chemistry CHE Social and Human Sciences SOC Economic Sciences ECO Information Science and Engineering ENG	<input checked="" type="checkbox"/> Environment and Geosciences ENV Life Sciences LIF Mathematics MAT Physics PHY
Name of the Organization	Middle East Technical University - Turkey	
Organization Type	<input checked="" type="checkbox"/> University Research Institution Academy	Laboratory International Organization Association
Short Description of the IRSES Project idea	<p>During the conservation of historic structures the authenticity of a historical building should be taken into account and preserved as much as possible (ICOMOS 2003, 2005). The authenticity of historic structures involve their artistic, historical, social, scientific and technological values . Continuation of those values requires comprehensive research on their definition , as well as the problems that threaten their continuation. Conservation studies should be based on the knowledge that is developed to control and eliminate those problems by giving priority to authenticity. That knowledge can only be established by advanced analyses and research.</p> <p>Historic plasters and mortars had important roles on the survival of historic structures due to their physical and physicochemical properties related to their raw materials characteristics and preparation techniques and technologies. On the other hand, new mortars in the current use that are reproduced for the conservation purposes give more damage to historic structures due to differences in the physicochemical properties and compositions. . Experiences on the characteristics of mortars and plasters used in historic structures are not yet sufficient. Therefore, the collaborative studies and training of conservation scientists on that subject are of importance for the development of conservation practice in Mediterranean countries and Europe. Mobility and meeting activities for the researchers are needed to share knowledge and expertise in this field and facilitate joint studies and training for researchers. The multi-disciplinary character of the researchers' team will lead to build networking on future research activities.</p> <p>The main objective of the project proposal is to exchange knowledge between the research institutions and universities of Europe and Mediterranean countries in nano-material field related to cultural heritage. A number of experienced and young researchers will travel to mutual laboratories and put their experience and vision together. Joint workshops, summer schools and a final symposium for clustering of cultural heritage projects are the main foreseen activities. By the help of those activities, experience of young researchers and establishment of future collaboration and networking are supposed to be achieved.</p>	
Expected expertise	Any non-profit organization who has the expertise to join above mentioned project proposal can contact us. Some keywords related to the project: <ul style="list-style-type: none"> • Historical building materials • Compatibility and durability • Historical mortars and plasters • Nanodispersive solutions and conservation • Repair materials • Nondestructive analyses 	
International projects already undertaken by the organization	<ul style="list-style-type: none"> • JOCHERA, Jordan Conservation of Cultural Heritage in ERA, FP7, Participant, 2012-2014, Coordinators: Assoc. Prof. Ayşe Tavukçuoğlu, Prof. Dr. Emine N. Caner Saltık • EU Project MONUMENTSLAB-206710, Improvement of METU-Research Laboratory for the Conservation of Historic Monuments, FP7-REGPOT-2007-1, Coordination and support action, June, 2008 - May, 2011. Budget: 1,149,612.28 EURO • EU Project QUARRYSCAPES-051456, Conservation of Ancient Stone Quarry Landscapes in the Eastern Mediterranean, EU, FP6, INCO Specific Targeted Project, Participant METU, Coordinator:Prof. Dr. Emine N. Caner-Saltık Duration: Nov, 2005-Oct, 2008 • EU Project HAMMAM-517704, Aspects and Multidisciplinary Methods for the Mediterranean Region, EU, FP6, INCO, Specific Targeted Project, Participant METU, Coordinator::Prof. Dr. Emine N. Caner-Saltık, Duration: Sep 2005 - Aug 2008 	



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**International Research Staff Exchange Scheme
PARTNER SEARCH FORM**



Other Partners of the IRSES Project Proposal	<ul style="list-style-type: none">• Jordan• Italy• Spain
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*If you are interested in taking part in this project, please return to the contact above
and also ncpmobility@tubitak.gov.tr*