



UNIVERSITY OF THE AEGEAN
DEPARTMENT OF MEDITERRANEAN STUDIES
LABORATORY OF ARCHAEOOMETRY

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ΠΡΟΣ: Πρύτανη Παν/μιου Αιγαίου
Καθ Κο Α.Τρούμπη

20 Oct 2008

ΠΡΩΤΟΚΟΛΛΟ ΣΥΝΕΡΓΑΣΙΑΣ ΠΑΝΕΠΙΣΤΗΜΙΟ ΑΙΓΑΙΟΥ- ΧΕΛΟΥΑΝ

Παρακαλώ όπως εγκρίνετε την συνεργασία με το Παν/μιο Χελουάν Αιγύπτου όπως περιγράφετε παρακάτω.

Ιδρυμα Αιγύπτου: Χελουάν
Υπεύθυνος Καθηγητής:
Prof. Al-Saadani
Helwan University
Cairo, Egypt
(fax. 00202-25542021, mob. Tel: 0020105268807)

Within the Frame of collaboration between Greece and Egypt and the already existing long term cooperation between Dept of Mediterranean Studies and Alexandria University through Interreg II (2000-2002), we extent such a productive collaboration between our Higher Education National Establishments. This collaboration is initiated between our members Prof Ioannis Liritzis and Prof Al-Saadani and is open to any other activity of other Members of our Universities.

Present Initiative of collaboration: *Research and application of natural sciences in the archaeology and history of Egypt*

A) ARCHAEOGEOPHYSICAL PROSPECTION. Electrical, magnetic and georadar measurements in certain areas indicated by you and your team for the location of archaeological buried relics. This will be a collaboration between Helwan with

Aegean and having as partner the Thessaloniki University (Greece). The surveyed area will be indicated by your side. We will provide the instrumentation and processing of the measurements with advanced software.

B) LUMINESCENCE DATING. Sampling and dating by luminescence of certain monuments a continued research made by Rhodes in Egypt 1999-2002 (1st phase). I attach results and Report made to SCA of the 1st phase. The 2nd phase includes the following sampling sites:

- 1) Osiris shaft (3rd sarcophagus), 2) the three Giza pyramids (Cheops, Mykerinus, Chephren), 3) Khentkawes monument, 4) Step pyramid, 5) Bend and Red pyramids, 6) Abu Rouash and Zawiyet el-Aryan pyramid basis, 7) Sphinx (blocks on the rump), 8) Osirion Abydos (top of the wall of sarcophagus chamber), 9) Qasr el-Sagha (Fayum).

The sampling of minute samples (1-2 cm) from non visual locations, from between large stone blocks of masonries, along with measurements *in situ* of environmental gamma radiation and the execution of luminescence will be made in Egypt by Egyptian University colleagues in collaboration with us at the University of the Aegean with double checkings at Rhodes.

The outcome of this initiative will be published jointly in international peer reviewed journals.

The execution of these two projects requires funding, which we will secure once we acquire the official permission.

For the University of the Aegean

Prof. Andreas Y. TROUMBIS

Rector



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