Arid Lands, Humankind and Environment (AHE)
Report 2012 – 2016

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Activities in 2012 and 2016

A- Research Project

Sand accumulation in Egypt; In operation for the last 8 years
The Main researchers are Mahmoud Ashour, Nabil S. Embabi, George Brook and Olaf Bubinzer (members of the Arid Lands ....Commission)

A- Field Trips and Conferences:

Professor Mahmoud Mohamed Ashour

1- 11-13 May 2012, The 4th International Symposium Of Geography, Spiru Haret University, Bucharest, Romania.

2- 1-4 April 2013, International Geographical Symposium (Geography and Global Changes) Teba University, Saudi Arabia.

3- December 2013, Excursion to the Red Sea cost of Egypt with the Group of Egyptian Natural Protectorates My own observation were mainly about raised beaches Egyptian Natural Protectorates My own observation were mainly about raised beaches.

4- 14-26 March 2014, The Journey of the life time to the South western corner of Egypt, entitled “In the foot of the Prince Kamal Expedition. 1923. Geology, Geomorphology, Archeology and Geo archeology were the main items of our expedition. 32 Journalists and Photographers from Europe and Japan participated in this Expedition. I presented a Lecture entitled Geomorphological observations in the S.W. Corner of Egypt.
5- April 2014, Field Trip to Siwa Oasis, the Northern Tips of the Great Sand Sea in Egypt. for Surveying, Collecting samples and Morphological Mapping).
6- 16-18 August 2014, The 6th International Symposium of Geography, Spiru Haret University, Bucharest, Romania.
7- The 2015 IGU Regional Conference, August 2015 Moscow.
8- Training Workshop, December 2014, Kharga Oasis, Western Desert, Egypt, 20 PhD and MA students, Egyptian Geomorphological Group.
9- Training workshop, December 2015, Sohag, Nile Valley, 27 PhD and Master Degree students, Egyptian Geomorphological Group

Prof. Nabil S. Embabi 2012 – 2016
1. 1-presenting a paper at the 8th International Conference on Geomorphology, Paris, August 2013: Geomorphology of North Sinai Sand Sea.
2. Field Training Workshop in Desert Geomorphology in Kharga and Dakhla Depression, the Western Desert, Egypt. December 2015.
3. Field Training Workshop for young geomorphologists in Desert Geomorphology in the Nile Valley (Sohag Governorate and its Desert Environs), December 2015.

Prof. George Brook
Sacha, C, Stewart, Brian, A.) part of series Vertebrate Paleobiology

Chair of Session

Prof. Dr. Abduallhlh Nasser Alwelaie

1- Participated in 16 international, regional and local Conferences and Scientific Meetings.

B- Publications:

Prof. Mahmoud Ashour

1- Sabkhas in Qatar Peninsula, Landscape and Geodiversity, Spiru Haret University, Bucharest, Romania, issue 1/2013, P 10-35.


Haitham S. Alsaid (M.A) 2014, The Main Environmental Problems in Siwa Oasis, using R.S and GIS (221P.)

Prof. Nabil S. Embabi


Prof. George Brook


change in southern Patagonia from cave deposits in Santa Cruz Province, Argentina. 
Argentina Subterránea (Publicación semestral de la Federación Argentina de Espeleología – FadE) 35, 5-8.
(Loxodonta africana zulu) from the Windhoek Spring Deposit, Namibia. Transactions of 
the Royal Society of South Africa 69 (3): 145-150.
(2015). Evidence of the earliest humans in the Southern Deseado Massif (Patagonia, 
Argentina), Mylodontidae, and changes in water availability. Quaternary International 363, 
107-125.
van Aardt, A.C., Bousman, C.B., Brink, J.S., Brook, G.A., Jacobs, Z., du Preez, P.J, Rossouw, 
L. and Scott, L. (2015). First chronological, palaeoenvironmental, and archaeological data 
from the Baden-Baden fossil spring complex in the western Free State, South Africa. 
Palaeoecology of Africa 33, 117-152.
in the Indian Central Himalaya since AD 1256: monsoon breaks and winter southern jet 
depressions. Quaternary Science Reviews 124, 145-161.
A record of wet glacial stages and dry interglacial stages over the last 560 ka from a 
massive stalagmite in Carlsbad Cavern, New Mexico, USA. Palaeogeography, 
Palaeoclimatology, Palaeoecology 438, 256-266.
Holocene wetter periods in the Eastern Desert and Sinai of Egypt, based on 14C dating and 
stable isotope analysis of spring tufa deposits. Quaternary Science Reviews 130, 168-188.
Holocene stalagmite and tufa climate records for Wonderwerk Cave: Relationships


**Chapters in Books**


**Prof. Dr. Abdualllh Nasser Alwelaie**

**Publication (Books)**

1- Introduction to preparation of scientific researches and thesis 400 p. 2012 .

2- A dictionary of settlements and tribes in Arabian peninsula, Iraq, south Jordan and Sinai translated
Al Shamasia, touring and refreshment sites, 2014

Co-editing of Special Issues of International Journals

Prof. Xiaoping Yang


Articles in journals / Contributions to books


3-

C- supervised Thesis:

Prof. Mahmoud Ashour

1-Hamiso Ibrahim (PhD) 2013, The Impact of Zobe Dam on the Morphological characteristics of River Karadua in Katasina State, Nigeria. (229p.)

2-Mahmoud E.A. Saleh (PhD) 2013 Dafna Plateauin The NorthEast of Libya, Geomorphologica Study. (338 P.).

3-Amr ,M.S. Mahsoub(PhD), 2014, Geomorphological Land forms related to Sea-level CHANGES ALONG THE N.W coast of Egypt, Using GIS and R.S (297 P.)

4 -Gehad Akram al Hegazi(Ph.D),2014, Geomorphology of Karst Landforms in the surrounding areas of El. Baharia Depression. Western Desert of Egypt, ( 310 p.)

5-Doha Dory (PhD) 2014, Man as a Geomorphological Agent in Selected Areas of Egypt.(237P)

6-Abidine S. Ibraim(M.A),2014 ,Desertification In The State of TRARZA IN Mauritania.( 208 P.)

7-Haitham S. Alsaid(M.A) 2014, The Main Environmental Problems in Siwa Oasis,using R.S and GIS.(221P.)

Continuation

The commission will continue the re-establishment of interactions with colleagues in the Arab world, if not else, with regard to the recent political situation. In addition these colleagues have
insights in the indigenous geographical knowledge of livelihood practices which could be sustainable in arid environments.

Planned joined field trips, conferences and sessions of the commission in 2016-2018.

- Field trip to the AlHebal sand Sea in SE Egypt (Sand accumulation project in Egypt)
- Commission meeting and sessions as part of the IGU Conference in China
- Commission meeting and session during the MRP conference in Turkey
- Work shop and Training course for PhD and Master Degree students.
- Organizing a meeting for The Sustainable Development in Arid and Hyper Arid areas during 2017-2018, in collaboration with the Geographical Society of Egypt.