



INSTITUTE OF ARCHAEOLOGY OF CARDINAL STEFAN WYSZYŃSKI UNIVERSITY
IN WARSAW
DEPARTMENT OF CLIMATIC GEOLOGY, FACULTY OF GEOLOGY,
WARSAW UNIVERSITY

Invitation to participate in the

Third Geoarchaeological Conference in Warsaw

***Impact of the Holocene rapid climate events
(8.2, 5.9, 4.2 ka and others)
on past cultures and civilizations***

under scientific patronage

Committee on Quaternary Research of the Polish Academy of Science
Scientific Society of Polish Archaeologists: Geoarchaeological section
Society of Polish Climatologists

The Conference will be held in the Institute of Archaeology
Cardinal Stefan Wyszyński University in Warsaw

28-29. 11. 2014

Address: Robert Schuman Hall (Auditorium Maximum) Wóycickiego Street 1/3

All necessary information on the conference:

www.geoarcheologia.uksw.edu.pl

WHAT IS GEOARCHAEOLOGY

A specialist field in archaeology, geoarchaeology is specifically concerned with reconstructing ancient natural environments which man lived in and actively modified. This dynamically developing science draws upon the combined input of other fields, like geology, geomorphology, sedimentology, climatology, pedology and others in building up its research apparatus.

ABOUT THE CONFERENCE

The current conference, which is the **third** one, has been designed to highlight results of interdisciplinary geoarchaeological research by specialists from a broad field of disciplines in the humanities and geosciences. The objective is to work towards building a platform for meaningful exchange of information and experience among archaeologists, geologists, geographers, climatologists and researchers from related fields. Meetings in this forum and cooperation between different specialists will hopefully lead to new research projects and initiatives, contributing to broaden knowledge of man's interactions with the natural environment.

CONFERENCE SCOPE

This conference will lay special emphasis on presentation of issues connected with Impact of the Holocene rapid climate events at 8.2, 5.9, 4.2, 2.8, 1.4 ka BP (connected with continental variation of the North Atlantic Bond Holocene climate events) on past cultures and civilizations, recorded in natural and anthropogenic deposits examined in numerous archaeological sites from Europe, North Africa, Middle East and Asia.

This issue is of particular significance, because still quite recently the Holocene has been considered for a period with relatively stable climate. However, recent studies provided evidence for highly dynamically climate changes during the Holocene, usually called the Rapid Climate Changes (RCC). Such climate fluctuations caused environmental changes that exerted strong influence on past

human cultures and civilizations in terms of land use strategies and colonization. It becomes more and more obvious at present that past human cultural communities developed accordingly to climate changes, although a feedback effect on environment of the human activities is still not well understood.

The organizers will put special attention on the most significant RCCs which occurred about 8,200, 5,900 and 4,200 yrs BP. For example, at ca 4,200 yrs BP a rapid climate change correlated with the Bond Event 3 influenced presumably mid- to low latitudes of northern hemisphere. In that time a collapse of the early Bronze Age civilizations occurred, indicated by termination of Akkadian Kingdom in Mesopotamia, Old Kingdom in Egypt as well as civilization of Harappa in India.

We are sure that Interdisciplinary geoarchaeological and paleoclimatological research can not only enrich in new data a process of understanding of the mechanism of the rapid Holocene climatic changes (Bond events) but also to comprehend its influence on past archaeological cultures and ancient civilizations.

Submitted papers can present field and laboratory research focusing on the conference theme, carried out with a broad range of methodologies, including

geomorphological, sedimentological, mineralogical, pedological, palaeobotanical and other analyses. Participation of specialists actively involved in interdisciplinary archaeological projects is particularly encouraged.

ORGANIZING COMMITTEE

President: Dr. Fabian Welc, Institute of Archaeology, Cardinal Stefan Wyszyński University in Warsaw

Secretary: Anna Tołoczko M.Sc., Department of Climate Geology, Faculty Geology of the University of Warsaw

Members

Dr. Jerzy Trzciński, Department of Climate Geology, Faculty Geology of the University of Warsaw

Dr. Piotr Kittel, Department of Geomorphology and Palaeogeography, University of Łódź

Dr. Marcin Szymanek, Department of Climate Geology, Faculty of Geology of the University of Warsaw

Aleksandra Orłowska, Institute of Archaeology, Cardinal Stefan Wyszyński University in Warsaw

Marta Żuber, Institute of Archaeology, Cardinal Stefan Wyszyński University in Warsaw

SCIENTIFIC COMMITTEE

Chairman of the scientific committee, Professor Leszek Marks, Department of Climate Geology, Faculty of Geology of the University of Warsaw

Members

Professor Zbigniew Kobyliński, Institute of Archaeology, Cardinal Stefan Wyszyński University in Warsaw

Professor Karol Myśliwiec, Institute of Mediterranean and Oriental Cultures, Polish Academy of Sciences

Professor Romulad Schild, Institute of Archaeology, Polish Academy of Sciences

Professor Jan Dzierżek, Department of Climate Geology, Faculty of Geology of the University of Warsaw

Professor Jerzy Nitychoruk, Pope John Paul II State School of Higher Education in Białą Podlaska

Professor Tomasz Kalicki, Institute of Geography, Jan Kochanowski University in Kielce

Professor Elwira Żmudzka, Department of Climatology, Faculty of Geography and Regional Studies of the University of Warsaw

Professor Barbara Woronko, Department of Sedimentology, Faculty of Geography and Regional Studies of the University of Warsaw

Dr. Barbara Niezabitowska-Wiśniewska, Institute of Archaeology, Maria Curie-Skłodowska University in Lublin

SCIENTIFIC PATRONAGE

Committee on Quaternary Research of the Polish Academy of Sciences

Scientific Society of Polish Archaeologists: Geoarchaeological section

Society of Polish Climatologists

STUDIA QUARTERNARIA, An International Multidisciplinary Journal of Quaternary Research

CONFERENCE LANGUAGES

Papers and posters will be presented only in English

For additional information please contact Dr. Fabian Welc: f.welc@uksw.edu.pl

CONFERENCE LOCALIZATION

Cardinal Stefan Wyszyński University in Warsaw (UKSW) Młociny Campus
Robert Schuman Hall (Auditorium Maximum) Wóycickiego Street 1/3 Warsaw



Plan of the Młociny Campus (North Warsaw)

