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NATIONAL UNIVERSITY**

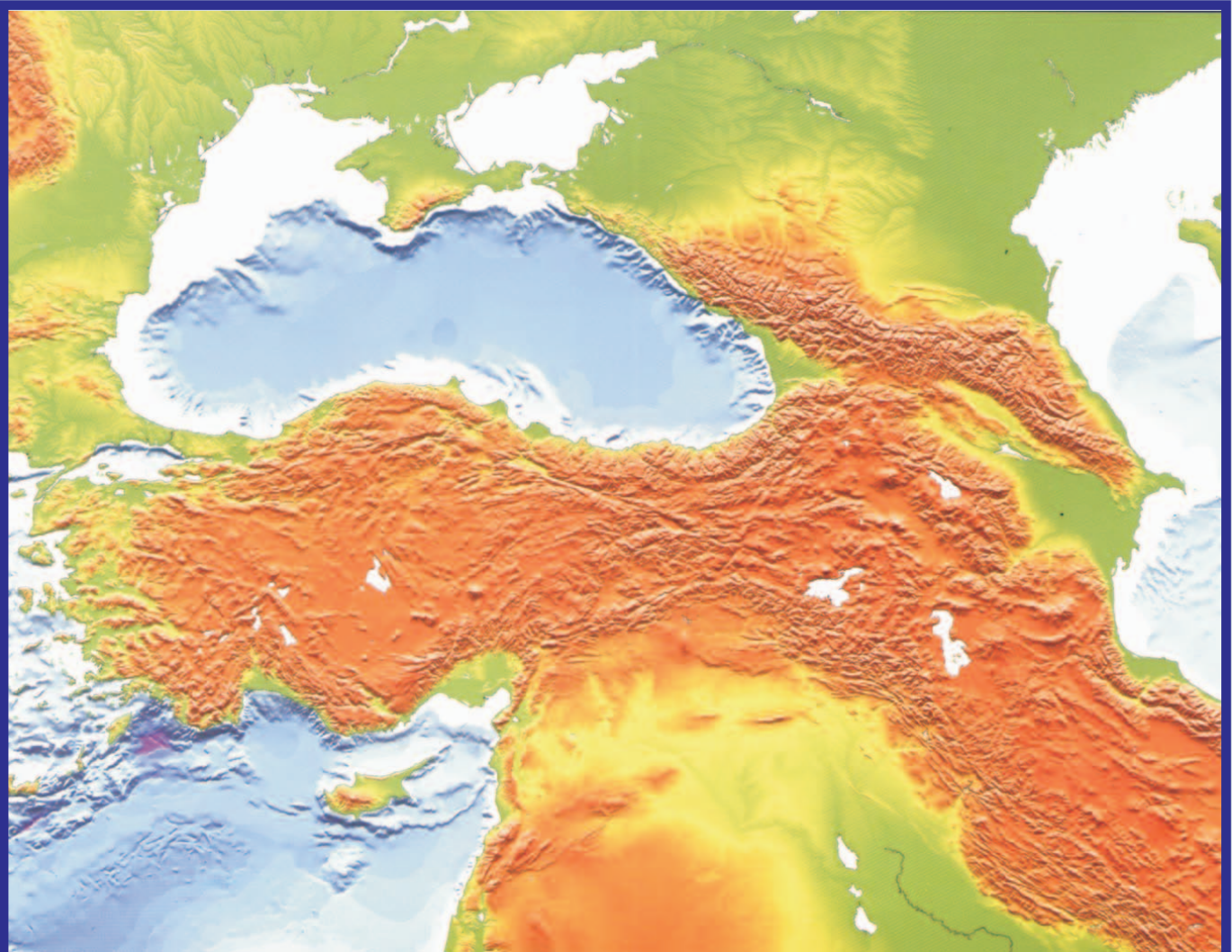
**ODESSA, UKRAINE**

**AUGUST 20-28, 2006**



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**UNESCO - IUGS - IGCP  
INQUA**



**EXTENDED ABSTRACTS**

**2nd PLENARY MEETING AND FIELD TRIP OF PROJECT IGCP - 521  
BLACK SEA-MEDITERRANEAN CORRIDOR DURING THE LAST 30 KY:  
SEA LEVEL CHANGE AND HUMAN ADAPTATION (2005 - 2009)**

<http://www.avalon-institute.org/IGCP>  
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## AIMS AND SCOPE

The Second Plenary Meeting and Field Trip will focus on the progress of IGCP 521 with special attention to (1) Human characteristics generated and propagated by humans themselves as well as linguistics studies (e.g., ages, origins, means and causes of spread for all the Eurasian and Near Eastern language groups west of India in an attempt to find any possible signs that the Neolithic linguistic geography of the area might have been affected by a Black Sea exodus or culture crash). (2) Human culture in a historic and comparative perspective with some attention to the mythology (i.e. Great Flood legend) to study human geography and human passage in time. (3) Human fingerprints (e.g., archaeological artifacts and faunal remains from cultural layers). (4) Sediment-fingerprints of vertical sea level fluctuations and lateral coastline change, which result in the coastal zone from external (e.g., climate change and active tectonics) and internal (mainly the coastal sedimentary budget) forces. (5) GIS-added mathematical modeling and preparation of IGCP 521 database. All tasks will be addressed through integration of existing data and testing of hypotheses. Particular attention will be given to the synthesis of the plethora of non-English literature stored largely in local archives and largely unknown in the West. For this, a special session in Russian language with synchronous translation of solicited talks into English will be organized.

The conference will provide a cross-disciplinary international forum for academics, professionals and young scientists to correlate their discoveries on influence of climatically/tectonically induced sea level changes and coastline migration on humanity.

## WELCOME

On behalf of the Organizing and Executive Committee of the UNESCO-IUGS-IGCP 521 Second Plenary Meeting and Field Trip, as well as Odessa I.I. Mechnikov National University [ONU], we are delighted to welcome you to the IGCP 521 "Black Sea-Mediterranean Corridor during the last 30 ky: Sea level change and human adaptation" Second Plenary Meeting and Field Trip being held in Odessa, Ukraine (August 20-28, 2006).

This conference is the second in a series of IGCP 521 Plenary Meetings and Field Trips. It is being held in the northwestern part of the Black Sea, a key region for successful implementation of IGCP 521. The area possesses the widest shelf of the Black Sea and contains a rich sedimentary record of climate, sea-level change, neotectonics, and coastline migration. It holds some of the most significant evidence of human prehistory and history in the region, and developments here were closely associated with the "cradle of civilization" in the Near East. As such, it is a subject of great interest to the Quaternary, earth, marine, environmental, and social sciences. It contains long-abandoned archaeological sites and historic landscapes that give us important insights into the ways human activities and the environment have been linked together through time, and how cultural practices [e.g., overkill of bison by the Late Paleolithic/Early Mesolithic hunters] contribute to substantial environmental change, leading to subsequent changes in human economy.

The Second Plenary Meeting and Field Trip is organized and sponsored by ONU, Odessa, Ukraine; Avalon Institute of Applied Science, Winnipeg, Canada; and the International Society of Environmental Micropaleontology, Microbiology and Meiobenthology; with financial contributions from INQUA and UNESCO-IUGS-IGCP.

We are happy to welcome to Odessa distinguished specialists and students in the Humanities and Earth Sciences from Ukraine, Australia, Austria, Azerbaijan, Bulgaria, Canada, Finland, France, Georgia, Germany, Iran, Italy, Moldova, Romania, Russia, Switzerland, The Netherlands, Turkey, the United Kingdom, and the United States.

We wish you a very pleasant stay in Odessa.

Sincerely,

*Organizing and Executive Committee of IGCP 521 Second Plenary Conference and Filed Trip, Odessa, Ukraine*

## VENUE

The Second Plenary Meeting and Field Trips of IGCP 521 are organized in Odessa on the base of Odessa I.I. Mechnikov National University [ONU]. It is one of the oldest in Ukraine being established in 1865. Nowadays it has eleven faculties, three educational institutes, four museums, three research institutes, one college, Scientific Library, Astronomic Observatory, Botanical Garden, fifteen scientific research laboratories and series of branches at four cities of the Southern part of Ukraine.

The ONU is one of the biggest Universities in contemporary Ukraine, collecting over 28,000 students in 46 specialties, about 2,000 of academic staff (and about 200 of Doctor of Sciences and Full Professors among them), about 400 of scientific fellows and 1,000 of auxiliary staff is engaged in the University activity. The ONU offers also post-graduate and post-doctoral studies in over 80 specialties. 46 specialized scientific councils for Ph.D. and Doctor thesis discussion are working on its base.

On the basis of results of educational and scientific activity of the ONU it was recognized at the best classic university in Ukraine for 2005. The ONU is dedicated to be a leader in educational and cultural fields in Ukraine, establishing itself as an international center for research and scientific development.

The ONU was the first among classic Universities in Ukraine, which was invited to sign famous Bologna Charter symbolizing new design of higher education in United Europe. In the last few years, a transition to the multi-stage system of education in accordance with the International Standard Classification of Education (ISCED) and the International Standard Classification of Occupation (ISCO) began in the higher educational Institutions of Ukraine alongside with International System of Credits Transfer. The multi-stage system of training assumes the possibility of acquiring the occupation and qualification of junior specialist as an intermediate stage in preparing bachelors as well as a qualification of specialist, master, candidate, and doctor of science. At ONU, the multi-stage system of education has been accepted by all faculties and institutes.

Scientific library of the ONU (established in 1817) is one of the oldest and richest in Ukraine, having collection of over 5 million of volumes, among which there are 5 incunabulae, 139 paleotypes, about 9000 rare and valuable books of eighteen – twenty-first centuries. The ONU is situated in two parts of the central recreational area of the city of Odessa and occupies summarily 70 hec. University has a sports- and health-rehabilitation complex with its own stadium and rest-base for the students, personnel and university guests in a picturesque section of Odessa, the village of Chernomorka. In all the areas of the University location, there are cafeterias, cafes, bars and medical sections.

The ONU is well known as the scientific and educational center in fields of geology, archaeology and ethnology. It has the best and oldest in Eastern Europe Paleontological and Archaeological Museums with unique collection of fossils relevant to the subject of the conference. Scientific research and educational activity connected with the Black Sea – Mediterranean corridor history during last 30 kyr in its human (social) dimension is covered by Department of Archaeology and Ethnology of Ukraine (Faculty of History) and affiliated with it Educational Laboratory of Archaeology and Ethnography of Steppe Ukraine. About 200 students (Baccalaureates, specialists, Masters of Arts, Post-Graduates) specialized in archaeology and ethnology (including distance learning) are studying there. Series of departments of Faculty of Geography and Geology are dealing with investigation of different aspects of Black Sea – Mediterranean corridor geological and environmental aspects, among them department of general and marine geology, department of geological engineering and hydrogeology, laboratory for engineering geology of the seacoasts, reservoirs and mountains slopes, laboratory for marine geology and geochemistry and others. We hope that scientific potential of the University and its facilities would promote further interdisciplinary studies of Black Sea-Mediterranean Corridor and further development of the IGCP 521 project.

*The Second Plenary Meeting of IGCP 521 will be held at the Conference Hall of ONU Main Campus. The official address of ONU Main Campus is 2, Dvoryanskaya str., Odessa, Ukraine, 65026.*



## SCHEDULE

### Sunday, August 20, 2006

Arrival

14.00-19.00 Registration (Paleontological Museum: The Main Campus of ONU, 2, Dvoryanskaya str.)

### Monday, August 21, 2006

8.30-18.0 Registration (Paleontological Museum: The Main Campus of ONU, 2, Dvoryanskaya str.)

9.00-9.20 Opening Ceremony

9.00-18.0 Oral and Poster Sessions

18.00 City Tour

### Tuesday, August 22, 2006

9.00-18.0 Oral and Poster Sessions

19.30 Conference Dinner

### Wednesday, August 23, 2006

9.00-18.00 Oral and Poster Sessions

### Thursday-Saturday, August 24-26, 2006

#### Field Trips

**August 24 (9.00)** Departure from Odessa to the Bug-Ochakov Region [Kuyal'nik, baymouth barrier of Hadzhibey liman, Zhevahova mountain, Il'inka- Stratotype of the Bugsky horizon of the Upper Pleistocene loess-paleosol formation (Parutino) – Olbia Pontica – Series of accumulative terraces from Dneprovskoe Village to Ochakov Cape - return to Odessa.

**August 25 (9.00).** Departure from Odessa to the West Coast limans [Stratotype of the loess-paleosol formation of Ukraine, baymouth barrier of Dniester liman - Ancient Tyras] - return to Odessa.

**August 26 (9.00)** Departure from Odessa to the East Coast limans [baymouth barrier of Tiligul Liman - archeological complex next to Koshary on Tiligulskiy estuary including antique Asiak, Greek necropolis - right (east) shore of Berezansky liman with accumulative terraces] – return to Odessa.

### Sunday, August 27, 2006

9.00-14.30 Oral Session with Simultaneous Translation

14.30-16.30 Reports of the Coordinators of the Regional and Working Groups

16.30-18.00 Round-Table Discussion and Concluding Remarks

18.00 Closing Cocktail Hour

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