



## Second Circular

# INQUA 501 Seventh Plenary Meeting and Field Trip

**Odessa I.I. Mechnikov National University**

**21-28 August 2011, Odessa, Ukraine**

INQUA 501 “Caspian-Black Sea-Mediterranean Corridor during the last 30 ky: Sea level change and human adaptive strategies”

<http://www.avalon-institute.org/IGCP>



Leader:  
Valentina YANKO-HOMBACH  
(Ukraine, Canada)

## ORGANIZING AND EXECUTIVE COMMITTEE

**President  
Executive Director**

**Executive Secretary  
Technical Director**

**Chairperson of the Student  
Organizing Committee**

Olena SMYNTYNA  
Valentina YANKO-HOMBACH  
Alisa GONCHARENKO  
Irena MOTNENKO  
Tatiana KONDARYUK

smyntyna\_olena@onu.edu.ua  
valyan@avalon-institute.org  
goncharenko\_alisa@onu.edu.ua  
irmot@avalon-institute.org  
tanya\_kondaruk@mail.ru

**Members** Evgeny CHERKEZ  
Sergei KADURIN  
Evgeny LARCHENKOV  
Nicolae PANIN  
Natalia PODOPLELOVA

**Field Trip** Olena SMYNTYNA  
Igor BRUYAKO  
Alexander DZIGOVSKIY  
Sergey KADURIN  
Dimitry KIOSAK

## SCIENTIFIC COMMITTEE

Valentina YANKO-HOMBACH, Canada, Mihaela MELINTE, Romania  
Ukraine  
Petra MUDIE, Canada Paolo BIAGI, Italy  
Allan GILBERT, U.S.A. Helmut BRÜCKNER, Germany  
Dimitris SAKELLARIOU, Greece Josef MART, Israel  
Tamara YANINA, Russia Hayrettin KORAL, Turkey

## INTERNATIONAL ADVISORY COMMITTEE

Allan CHIVAS, Australia (President of INQUA)  
Dimitris SAKELLARIOU, Greece (Chairman of Organizing Committee of IGCP 521-INQUA 501 Sixth Plenary Meeting and Field Trip)  
Yücel YILMAZ, Turkey (Co-Leader of IGCP 521 and President of IGCP 521-INQUA 501 First and Fifth Plenary Meeting and Field Trip)  
Mariana FILIPOVA-MARINOVA, Bulgaria (Co-President of IGCP 521-INQUA 501 Fourth Plenary Meeting and Field Trip)  
Nicolae PANIN, Romania (Co-President of IGCP 521-INQUA 501 Fourth Plenary Meeting and Field Trip)  
Alexander POKRYSHKIN (President of IGCP 521-INQUA 501 Third Plenary Meeting and Field Trip)  
Olena SMYNTYNA, Ukraine (President of IGCP 521-INQUA 0501 Second Plenary Meeting and Field Trip)

## EDITORIAL BOARD OF ABSTRACT VOLUME

**Editors** Allan GILBERT, U.S.A.  
Valentina YANKO-HOMBACH, Canada, Ukraine

## EDITORIAL BOARD OF FIELD TRIP GUIDE

**Editors** Olena SMYNTYNA, Ukraine  
Allan GILBERT, U.S.A.  
Valentina YANKO-HOMBACH, Ukraine, Canada

**Authors** Olena SMYNTYNA  
Sergey KADURIN  
Dmytro KIOSAK  
Alexander DZIGOVSKIY

## EDITORIAL BOARD OF QI SPECIAL VOLUME

**Editor-in-Chief** Norm CATTO, Canada  
**Guest Editor** Valentina YANKO-HOMBACH, Ukraine, Canada  
**Guest Editor** Allan GILBERT, U.S.A.  
**Guest Editor** Olena SMYNTYNA, Ukraine

## WELCOME

On behalf of the Organizing and Executive Committee of the INQUA 501 Seventh 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” Seventh Plenary Meeting and Field Trip being held on August 21–28, 2011, in Odessa, Ukraine. This conference is the Seventh and last in the series of INQUA 501 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 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 Seventh Plenary Meeting and Field Trip is organized and sponsored by ONU, Odessa, Ukraine, and the Avalon Institute of Applied Science, Winnipeg, Canada, with financial contributions from INQUA.

We are happy to welcome to Odessa distinguished specialists and students in the Humanities and Earth Sciences from 12 countries: Bulgaria, Canada, Cyprus, Germany, Iran, Israel, Romania, Russia, Turkey, Ukraine, the United Kingdom, and the USA.

*Organizing and Executive Committees of INQUA 501 Seventh Plenary Meeting and Field Trip*

## AIMS AND SCOPE

The main objectives planned for the last INQUA 501 meeting are: (1) to provide cross-disciplinary and cross-regional correlation of geological, geochemical, geophysical, paleontological, archaeological, and historical records for the entire Caspian-Black Sea-Mediterranean Corridor (hereafter “Corridor”) in order to evaluate the influence of sea-level change and coastline migration on human adaptation during the last 30 ky; (2) to lay out the content of the third (final) IGCP 521 - INQUA 501 book with the tentative title “The Caspian-Black Sea-Aegean Corridor: Late Quaternary Landscapes and Cultural Evolution”; (3) to discuss a successor project; and (4) to present a couple of important archaeological sites and geological outcrops that were not presented at the Second Plenary Meeting and Field Trip in 2006.

The meeting will be held in the northwestern part of the “Corridor,” between Odessa and the Ukrainian part of the Danube Delta. The northwestern part of the “Corridor” is a key region for several reasons. (1) It has the widest (125–240 km) shelf in the basin, encompassing about 25% of the total area of the sea compared to other parts of the shelf with widths ranging between 2.5 km (Turkey) to 2.5–15 km (Caucasus). (2) It is located within stable platform-type structures with a gentle slope (0.001–0.002°), and there are no known expressions of active tectonic movement that would strongly influence the ancient shoreline positions in contrast to its southern shelf, which is tectonically active. The width, gradient, and tectonic regime of the shelves of the Black Sea are very important because their variations may potentially affect the record of former sea-level stands. For example, the tectonic stability has allowed extensive sediment input by the Danube, Dniester, Bug, and Dnieper rivers to build up an excellent geological archive in contrast to the narrow shelves east of Crimea and along the Turkish coast, where river input and the sedimentological record are much poorer by comparison. Differential sedimentation, subsidence, compaction, and erosion (e.g., delta lobe-switching) occur at different localities (e.g., Panin 2009). (3) It holds some of the most significant evidence of human prehistory and history in the “Corridor.” And finally, (4) it represents the “cradle” of the Flood Hypothesis in the Black Sea.

The meeting will be organized along several dimensions: climate change, sea-level oscillations and coastline migration, human migration, and adaptive strategies in the northwestern part of the “Corridor.” It will summarize: (1) the actual status of our knowledge on a given subject, and (2) various scientific approaches and technologies that can integrate environmental, anthropological, ethnological, and archaeological data in order to trace the history of ancient humans in the region and predict their future development in coastal zones under various sea-level scenarios. In addition, the meeting will introduce young scientists, especially from Eastern countries, to new analytical techniques and state-of-the-art interpretation of data; it will encourage east-west dialogue and integration of researchers from different countries into the international R&D community; and it will contribute to the preservation of cultural and religious heritage.

The meeting will cover eight days (including arrival and departure days). Three days (22–25 August) will be dedicated to the field trips, and three days (25–27 August) will be dedicated to the plenary lectures.

## SCHEDULE

21 August (14.00-18.00) and 25 August (10-18.00): Arrival and registration: Paleontological Museum: The Main Campus of ONU, 2, Dvoryanskaya str., tel : +38 048 723-02-08, Email: goncharenko\_alisa@onu.edu.ua

21 August (18.00-19.00): Ice-Breaking Party, Paleontological Museum: The Main Campus of ONU, 2, Dvoryanskaya str., tel : +38 048 723-02-08, Email: goncharenko\_alisa@onu.edu.ua.

22-24 August (8.30-evening): Field Trips (see Conference Programme for more details).

24 August (18.00): Conference Dinner, Vilkovovo, straight after Field Trip 3 (see Conference Programme for more details).

25-27 August (10.00-18.00): Technical Sessions (see Conference Programme for more details).

28 August: Departure to respective countries.

## **TECHNICAL SESSIONS**

### **25 – 27 AUGUST**

The TECHNICAL SESSIONS will be organized into six PANELS that include a number of ORAL and one POSTER sessions (see Conference Programme for more details).

PANEL 1: MODELLING. Moderators: Nikolay ESIN (RUSSIA) and Alexander KISLOV (RUSSIA).

PANEL 2: PALEOGEOGRAPHIC AND PALEOCEANOGRAPHIC RECONSTRUCTIONS. Moderators: Nikolay PANIN (Romania) and Andrei CHEPALYGA (Russia).

PANEL 3: DEGASSING OF THE BLACK SEA. Moderators: Evgeny SHNYUKOV (Ukraine) and Valentina YANKO-HOMBACH (Ukraine, Canada).

PANEL 4: RECENT ECOSYSTEMS. Moderators: Nelly SERGEEVA (Ukraine) and Valentina YANKO-HOMBACH (Ukraine, Canada)

PANEL 5: ARCHAEOLOGY, HISTORY, AND ETHNOLOGY. Moderator: Olena SMYNTYNA (Ukraine).

PANEL 6: GEOINFORMATION SYSTEM. Moderator: Ken WALLACE (Canada)

## **SOCIAL PROGRAM**

### **27 AUGUST**

Sightseeing Tour and Other Cultural Events (to be announced).

## **VENUE**

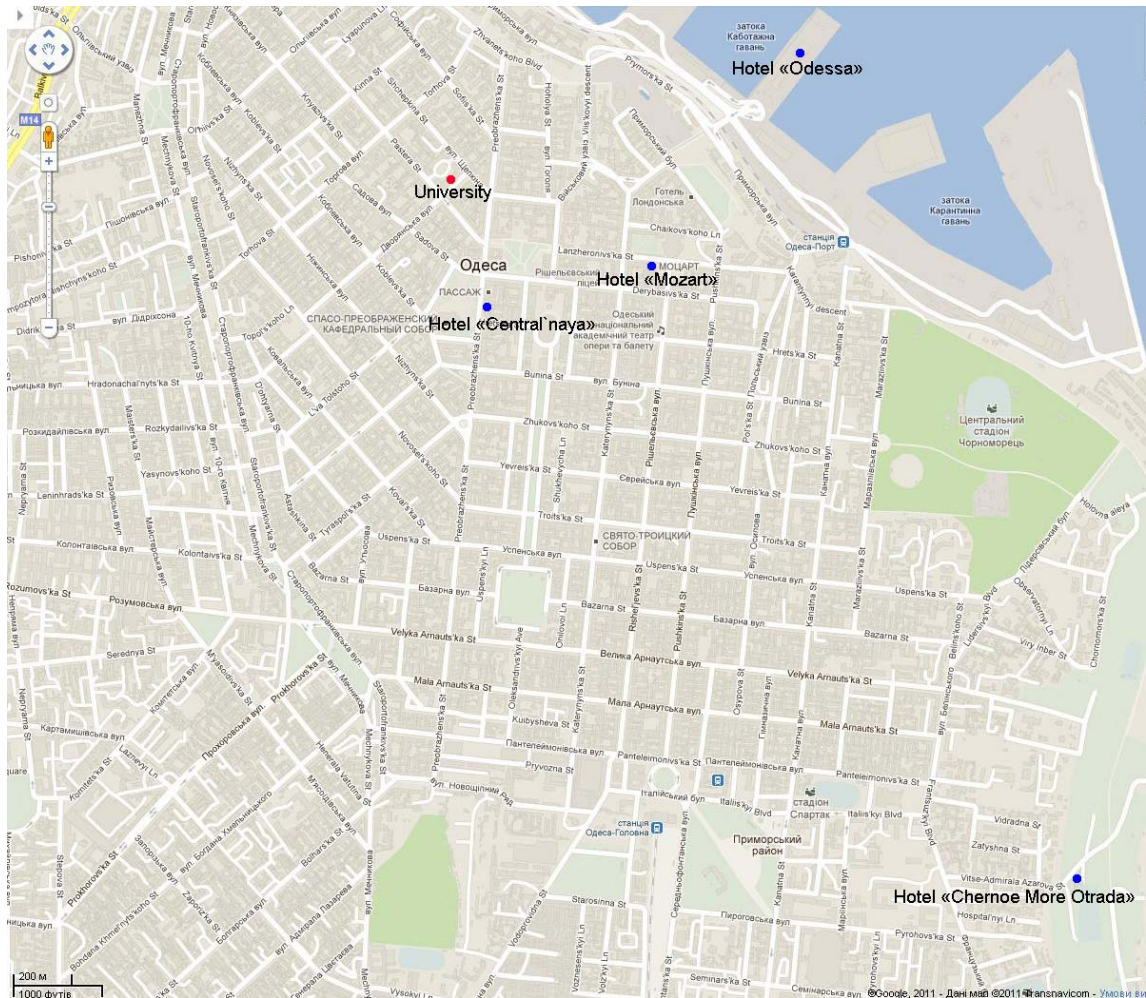
The conference will be held under the auspices of the Odessa I.I. Mechnikov National University (ONU) [<http://www.onu.edu.ua>] on the Main Campus located at 2, Dvorianskaya Str., Odessa, Ukraine 65082 (see Fig. 1 for location).

Odessa is situated on the northwestern coast of the Black Sea in the southwestern part of Ukraine. This high quality scientific, educational, cultural, industrial, and resort city is the third largest in Ukraine (after Kiev and Kharkov) with population about 1,000,000. The city is situated in close proximity to the key geological and archaeological sites to be studied by the participants during fieldwork associated with the conference.

The ONU was established in 1865. It has eleven faculties, three educational institutes, four museums, three research institutes, one college, a series of scientific research laboratories and branches at four cities in the southern part of Ukraine. The ONU is well known as a scientific and educational center in the fields of geology, archaeology, and ethnology. It has the best and oldest Paleontological and Archaeological Museums in Eastern Europe with a unique collection of fossils relevant to the subject of the conference. During the last 40 years an impressive database on human occupation along the northwestern coast of the Black Sea has been collected by Odessa scientists, who are largely unknown



to the global scientific community because direct and regular contacts as well as international projects realized in Odessa are lacking. The ONU is dedicated to being a leader in education and culture in Ukraine, establishing itself as an international center for research and scientific development.



**Figure 1. Map with location of ONU (red dot) and selective hotels (blue dots) where most of participants are staying.**

The ONU is very experienced in organizing international scientific conferences. During the last 5 years, about 200 conferences have been organized here, and about one quarter of them welcomed the participation of representatives from different countries. Lately, the following scientific fora have been carried out: First International Congress of Young Archaeologists and Ethnologists (April, 2002); First Congress of Microbiologists of Ukraine (April, 2005); First International Congress of Ukrainian Physicists (October, 2005); and others. Technical support and infrastructure of ONU satisfy basic needs for conferences in internet facilities, technical equipment (power point stations, overheads, slide-projectors, mailing and information system etc.), specialized conference halls with the possibility of simultaneous translation. Besides, ONU is one of four Ukrainian universities having a state license for the preparation of specialists in the fields closest to anthropology (it is currently off the specialties list for higher education) – archaeology and ethnology. MA and PhD students will be actively involved in conference preparation and would promote and disseminate ideas and results of research projects while contributing to the integration of young scientists from Ukraine into the European and worldwide scientific community.

## ACCOMMODATION

There are various hotels in Odessa with a wide price range. Participants have to arrange their accommodation by contacting the reception desk of the hotels directly.

## REGISTRATION FEE

	Registration before 30 June 2011	Registration after 30 June 2011
	Euro	Euro
Participant	300	350
Accompanying person	250	300
Student*	200	250

\*Student identification is required

The registration fee covers conference kit, refreshments during coffee breaks, conference dinner, lunches during field trips, museum entrance fees, and bus transportation during the field trip. It does not cover hotel accommodation or dinners during the conference and field trips.

## REFUND POLICY

Fifty percent refund before June 30, 2011. No refund is possible after June 30, 2011.

## FINANCIAL SUPPORT

INQUA 501 has provided very limited financial support. Therefore, applicants should seek funds from elsewhere to help underwrite the costs of attendance. Preference in allocations of funds will be given to those from the developing world who present a high quality paper accepted by the Scientific Committee.

## CONFERENCE LANGUAGE

The official conference language is English.

## ORAL AND POSTER PRESENTATION

Plenary speakers will have 40 minutes for presentation while other speakers will have 20 minutes for presentation (including questions). Poster format is 100x180 cm. Projection Equipment: Screens, LCD (PowerPoint presentation) projectors, and overhead projectors are available.

## PUBLICATION

Accepted abstracts will be published in the Volume of Extended Abstracts. The full papers will be published in INQUA 501-IGCP 521 Special Volume of the journal *Quaternary International*. For preparation of the manuscript, refer to Instructions for Contributors.

## VISA

Visitors from other countries must carry a valid passport and, in certain cases, a visa to be able to enter Ukraine. For more information on visa and other required travel documents, please contact the Ukrainian Embassy or Consulate in your area before your departure. Please refer to <http://www.mfa.gov.ua/mfa/en/publication/content/1865.htm> for further information about visa requirements and to <http://www.mfa.gov.ua/mfa/en/305.htm> for the list of Ukrainian Embassies. An Invitation Letter will be provided upon your request.

## CLIMATE

The end of August is the most favorable time of the year for the field trips. Daily temperature is about 28°C, at night it is about 15-20°C. Sea water temperature is usually above 20°C.

## TRAVEL

Odessa is easily accessible by air (Vienna, Budapest, Istanbul, Athens, Aleppo, Larnaka, Moscow, Kiev, Kishineu, Yerevan, Tiflis and other European and Asian cities), railway (Warsaw, Prague, Bratislava, Vienna, Berlin, Moscow, Saint-Petersburg, major cities of Ukraine and many other cities of the former Soviet Union), bus (Germany, Greece, Bulgaria, as well as major cities of Ukraine and Russia), and ship (Istanbul, Haifa, Varna, Yalta, and Sevastopol). For more details please refer to [www.odessaonline.com.ua](http://www.odessaonline.com.ua).

## DEADLINES

<b>10 February 2011</b>	Abstract submission and registration opens
<b>24 February 2011</b>	First Circular on INQUA 501-IGCP 521 website ( <a href="http://www.avalon-institute.org/IGCP">www.avalon-institute.org/IGCP</a> )
<b>31 May 2011</b>	Abstract submission closes
<b>30 June 2011</b>	Notification of abstract acceptance
<b>30 June 2011</b>	Deadline for early registration
<b>12 August 2011</b>	Second Circular and the Conference Programme at <a href="http://www.avalon-institute.org/IGCP">www.avalon-institute.org/IGCP</a>
<b>10 February 2012</b>	Submission of full paper to INQUA 501-IGCP 521 special volume of <i>Quaternary International</i> journal opens
<b>31 December 2012</b>	Submission of full paper to INQUA 501-IGCP 521 special volume of <i>Quaternary International</i> journal closes