



PROGRAM

Saturday, October 8, 2005

14:00-19:00	Registration
19:00	Ice-breaking cocktail followed by dinner (19:30pm) at the Kadir Has University

Sunday, October 9, 2005 – CİBÂLİ HALL

8:30-9:00	Completing registration
9:00-9:30	Welcoming speeches and program outline by the Organizing Committee
10:00	Departure for the field trip

October 9-10-11, 2005 Field Trip

October 9 (10.00 am) Departure from Istanbul

Küçük Çekmece Lagoon-Büyük Çekmece Lagoon-Marmara Ereğlisi-Tekirdağ (stop over for lunch)-Ortaköy-Eceabat-crossing the Dardanelles to Çanakkale (night at Büyük Truva Hotel).

October 10 (9.00 am) Departure from Çanakkale

Çanakkale -Troas Region-Çanakkale - crossing the Dardanelles - visit to coastal terrace localities Gelibolu, Iyisu Burnu, and Tepeköy-crossing the Dardanelles to Çanakkale (night at Büyük Truva Hotel).

October 11(9.00 am) Departure from Çanakkale

Çanakkale - visit the coastal terrace localities along the southern coast of the Dardanelles (Sarıyarlar, Pilavtepe and Kaplantepe) -Karabiga -Manyas Lake -Ergilli (Ancient Daskilaion) - Muslu Çeşme-Bandırma.

Return to İstanbul by boat in the evening of October 11, 2005



Scientific Sessions

Wednesday, October 12, 2005 - CİBÂLİ HALL

8:30-9:00	Opening Ceremony
9:00-9:30	IGCP 521 "Black Sea-Mediterranean Corridor during last 30 ky: Sea level change and human adaptation": An Overview of IGCP 521 project <i>V. Yanko-Hombach</i>

PANEL 1: Climate, Sea Level Changes and Coastline Migration

Session 1: Geology, Geophysics, Hydrology and Sustainable Development

Chairpersons: *N. Panin and R. Martin*

9:30-10:00 KEY-NOTE	Controversy of the Black Sea development since LGM <i>N. Panin</i>
10:00-10:15	Onshore geophysics in paleo-shoreline research: potential applications along the Black Sea <i>I.V. Buynevich</i>
10:15-10:45	Influence of the Late Glacial Eurasian Water Flow (Great Flood) on the Black Sea - Mediterranean Corridor (BSMC) <i>A. Chepalyga</i>
10:45-11:00	Coffee-break
11:00-11:15	The newest geological history of the Black Sea and problem about the flood <i>D. P. Dimitrov, P. S. Dimitrov, D. P. Solakov and V. D. Peychev</i>
11:15-11:30	A revised chronology for Danube delta: Implications for the Black Sea level in late Holocene <i>L. Giosan, J. Donnelly, E. Vespremeanu, S. Constantinescu, F. Filip, I. Ovejanu, A. Vespremeanu-Stroe, G.A.T. Duller</i>
11:30-11:45	High resolution bathymetric and seismic studies in the Strait of Istanbul (Bosphorus): evidences of erosion along the strait, and a delta formation at the southern entrance <i>E. Gökaşan, O. Algan, H. Tur, T. Görüm, B. Ecevitoglu, B. Tok, H. Birkan and A. Türker</i>
11:45-12:00	Lowstand Marmara and Black Sea Shorelines <i>L. Giosan, Y. Mart, C.M.G. McHugh, D. Vachtman, M.N. Çagatay, K. Eris and W.B.F. Ryan</i>
12:00-13:00	Lunch
13:00-13:15	Preliminary results of bathymetric and seismic data from the Strait of Çanakkale (Dardanelles) <i>E. Gökaşan, F. Gül Batuk, T. Görüm, M. Özyalvaç, H. Birkan, O. Algan, H. Tur, M. Ergin, T. Ustaömer, E. Meriç, A. Türker, H. Caner, E. Kırıcı-Elmas, E. Sarı, D. Perinçek, Ş. Ersoy</i>



13:15-13:30	High resolution records show continuous sedimentation at 69 m water depth on SW Black Sea Shelf disprove major Holocene flooding for the past 9.3 ka <i>R.N. Hiscott, A.E. Aksu, K. Adetona, P.J. Mudie, D. M.A. Kaminski, J.M. Evans, T. Abrajano, D. Yaşar and F. Marrett</i>
13:30-13:45	Controversy over the Great Flood hypotheses in the Black Sea in light of geological, paleontological, and archaeological evidence <i>V. Yanko-Hombach, A. Gilbert and P. Dolukhanov</i>
13:45-14:00	Problems of coastal erosion in the Russian sector of the Black Sea <i>R.D. Kos'yan</i>
14:00-14:15	Paleoceanographic events on the Caucasian Black Sea shelf during the last 12 ka <i>I.O. Murdmaa, E.V. Ivanova, A. Tchepalyga, T. Cronin, O.V. Levchenko</i>
14:15-14:30	Structural plan of Pliocene deposits and distribution of Quaternary sediments in the north-eastern Black Sea based on seismic data <i>A.A. Pokryshkin and L.A. Yesina</i>
14:30-14:45	Black Sea water budget at the Late glacial - Holocene transition <i>G. Georgievski and E.V. Stanev</i>
14:45-15:00	Coffee-break
15:00-15:15	Modern fluid dynamics and Caspian Sea level change <i>D. Huseynov and E. Aliyeva</i>
15:15-15:30	Paleoenvironmental history of the Black Sea during the last ca. 30 kyr <i>O. Kwiecien, B. Bahr, A. Arz, F. Lamy and G. Haug</i>
15:30-15:45	Hydrology and hydrophysical processes in the Black Sea and the Bosphorus Strait during the Pleistocene <i>N.V. Yesin</i>
15:45-16:00	The current situation and perspectives on sustainable resource management of the Crimean salt lakes <i>I.I. Rudneva, V.G. Shaida, N.P. Kovrigina, O.A. Gulov, S.O. Omelchenko and G.V. Symchuk</i>

PANEL 2: Geo-Information System

Session 2: Data elaboration

Chairpersons: E. Aliyeva and P. Dimitrov

16:00-16:15	Database Elaboration for Geoarchaeological Sites in the Coastal Areas of the Black Sea (Ukraine) <i>M. Gladyshevskaya and K. Gridina</i>
16:15	Poster session



Thursday, October 13, 2005 - CIBALI HALL

PANEL 1: Climate, Sea Level Changes and Coastline Migration

Session 3: Palaeontology and Biostratigraphy

Chairpersons: A. Chepalyga and V. Yanko-Hombach

8:30 – 9:00 KEY-NOTE	Palynological evidence of climate, salinity and man's influence in the Black Sea-Mediterranean Corridor during the last 30 ky: potentials and challenges <i>P. Mudie and S.P. Harrison</i>
9:00-9:15	Microfaunal Response to Paleoenvironment Change in the Lower Pliocene Productive Series and Late Holocene Kura River Delta in the South Caspian Basin <i>A. Babazadeh and E. Aliyeva</i>
9:15-9:30	Seashells from Crimean archeological complexes (Bronze Age- Early Medieval) as ancient human connections markers <i>I. Bondarev</i>
9:30-9:45	The Paleocological Archive of the Coastal Black Sea Lake Durankulak, Northeastern Bulgaria <i>E.D. Bozilova and S.B.Tonkov</i>
9:45-10:00	Mediterranean mollusks from Eneolithic Khvalynian Burial Ground on the Middle Volga <i>I.V. Kirillova and S.V.Popov,</i>
10:00-10:15	Marsh foraminifera and Holocene climate change: Application to the Black Sea? <i>E. Leorri and E. Martin</i>
10:15-10:30	Paleoenvironments of the Marmara Sea coasts from paleontological and sedimentological data <i>E. Meriç and O. Algan</i>
10:30-11:00	Coffee-break
11:00-11:15	Comparative evaluation of the Black Sea diatom diversity peculiarities based on various levels of taxonomic hierarchy <i>E. Nevrova and A. Petrov</i>
11:15-11:30	The use of taxonomic distinctness indices for inter-regional assessment of the Black Sea benthic diatom diversity <i>A. Petrov and E. Nevrova</i>
11:30-12:00	A method of identification of global versus local sea-level changes during the last 30 ky using high-resolution diatom records <i>V.S. Pushkar and M.V. Cherepanova,</i>
12:00-13:00	Lunch



Session 4: Palynology

Chairpersons: C. E. Cordova and P. Mudie

13:00-13:15	Late Quaternary climate changes shown by palynological records from Marmara Sea <i>H. Caner</i>
13:15-13:30	Holocene fossil and modern pollen records for reconstructing lowland and highland vegetation in southwestern Crimea <i>C.E. Cordova</i>
13:30-13:45	Palaeoclimate and palaeoenvironment during the Late Pleistocene and Holocene recorded in marine and coastal lake sediments from the Western Black Sea area <i>M. Filipova – Marinova and E. Bozilova</i>
13:45-14:00	Climatic oscillations in the foothills of Crimean Mountains during 30-10 ky BP <i>N. Gerasimenko</i>
14:00-14:15	Palynological evidence for climatic change, anthropogenic activity and outflow of Black Sea Water during the late Pleistocene and Holocene: centennial- to decadal-scale records from Black, Marmara and Aegean Sea cores <i>P. J. Mudie, F. Marret, A.E. Aksu, and H. Gillespie</i>

Session 5: Paleoclimatic Implications

Chairpersons: N. Gerasimenko and M. Filipova-Marinova

14:15-14:30	Paleoclimatic implications deduced from the evidences of LGM Glacier advance in Kaçkar Mountain Range, Northeast Turkey <i>N. Akçar, V.Yavuz, S. Ivy-Ochs, P.W. Kubik, M. Vardar and C. Schlüchter</i>
14:30-14:45	Paleoclimatic implications from the freezing events in Bosphorus, Istanbul, Turkey <i>V. Yavuz, N. Akçar, and C. Schlüchter</i>
14:45-15:00	Coffee-break

Session 6: Sedimentology, Geomorphology and Geochemistry

Chairpersons: O. Algan and I. Murdmaa

15:00–15:30 KEY-NOTE	Palaeochemistry of isolation basins <i>A. Chivas</i>
15:30-15:45	Caspian Sea Level Change Past 1000 Years: Depositional History and Organic Carbon Cycle in the Delta of the Kura River <i>E. Aliyeva, S. Kroonenberg, D. Huseynov, J. Boels, R. Hoogendoorn, A. Babazadeh and M. Simmons</i>
15:45-16:00	Late Quaternary climatic and sea-level changes recorded in sediments from the eastern Mediterranean Sea <i>M. Ergin</i>



16:00-16:15	Neogene-Quaternary paleogeographic and biogeographic links between the Mediterranean and Euxino-Caspian basins <i>S.V., Popov and L.A. Nevesskaya</i>
16:15-16:30	Geochemical proxies for climate and sea level changes in the Black Sea: Application, limitation and perspective <i>S. Spezzaferri, F. Tamburini and F. Thevenon</i>
16:30	Poster session
20:00	CITY TOUR-Istanbul by night (optional)



Friday, October 14, 2005 - CİBÂLİ HALL

PANEL 1: Climate, Sea Level Changes and Coastline Migration

Session 7: Tectonics

Chairpersons: Y. Yılmaz and H. Koral

8:30 – 9:00 KEY-NOTE	A morphotectonic approach to the development of the Bosphorus channel <i>Y. Yılmaz</i>
9:00-9:15	The influence of neotectonics on hypsometrical position of the coastline: implications for the Noah's Flood Hypothesis in the Black Sea <i>E. Larchenkov and S. Kadurin</i>
9:15-9:30	Active tectonics in the Marmara region, NW Turkey: causes and consequences <i>H. Koral</i>

PANEL 2: Influence of Environmental and Other Factors on Human Settlement: Archeological and Historical Evidences

Session 8: Archaeology and history

Chairpersons: M. Özdoğan and P. Dolukhanov

9:30 –10:00 KEY-NOTE	The Black Sea the Sea of Marmara and the Aegean Sea: cultural spheres, interaction and environmental setting <i>M. Özdoğan</i>
10:00-10:15	Climate, Black Sea Levels and Human Settlements in Caucasus Littoral 50,000–9,000 Years Before Present <i>Kh.A. Arslanov, P. Dolukhanov and N.A. Gei</i>
10:15-10:30	Climate Change, Sea-Level Fluctuations and Early Human Migrations in the Caucasus <i>P. Dolukhanov</i>
10:30-10:45	In the aftermath of the Black Sea catastrophe: The big bang in culture evolution around 6,500 BCE in the Circum-Pontic region <i>H. Haarmann,</i>
10:45-11:00	Coffee-break
11:00-11:15	The characteristics and the cultural relations between the north and Northeastern Aegean islands during the Early Bronze Age <i>H. Hüryılmaz</i>
11:15-11:30	Kartvelian Population of the Pontos in XIII -XV centuries <i>E. Jordania</i>
11:30-11:45	Archaeological Evidence Along the Marmara basin <i>N. Karul</i>
11:45-12:00	Complexity of the Processes of Neolithization: Tradition and Modernity of the Aegean World at the Dawn of the Holocene Period



	<i>M. Sfériadès</i>
12:00-12:15	Paleoenvironmental reconstruction of the Kuma-Manych depression at 3 ka BC and human impact: a case study <i>N.I. Shishlina and A.V. Borisov</i>
12:15-12:30	Diversity of Late Mesolithic human adaptations at North-Western part of Black Sea steppe region <i>E. Smyntyna</i>
12:30-13:00	Lunch

PANEL 3: GIS-Added Mathematical Modeling

Session 9: Climate and Sea Level Modeling

Chairpersons: V. S. Pushkar and I.V. Buynevich

13:15–13:45 KEY-NOTE	Application of mathematical modelling to reconstructing global sea-level changes for the past 30 ky <i>V. S. Pushkar, G. V. Alekseev, M. V. Cherepanova, O. Y. Likhacheva O. V. Soboleva and D. A. Tereshko</i>
13:34-14:00	Black Sea and Caspian Sea level changes: Links to the East European river runoff and global climate changes <i>A. Kislov and P. Toropov</i>
14:00-14:15	Rapid Caspian Sea-level fluctuations and hydrodynamic impact on beach morphodynamics based on GIS modeling <i>H. Khoshhravan</i>
14:15-14:30	Modelling of coastline position along north-western part of the Black Sea for the past 25 ky <i>E. Larchenkov and V. Kadurin</i>
14:30-14:45	The role of climatic factors in the Black and Caspian sea-level changes during the Holocene <i>N. Lemeshko, T. Gronskaya and I. Borzenkova</i>
14:45-15:00	Coffee-break

PANEL 4 Round Table – IGCP 521 Potentials and Challenges

Reports of Regional Coordinators

Time	Name	Regional Group	Area
15:00-15:10	<i>A. Chepalyga, Russia</i>	1	Manych-Kerch Gateway
15:10-15:20	<i>E. Konikov and E. Smyntyna, Ukraine</i>	3	North-western coast of the Black Sea
15:20-15:30	<i>N. Panin, Romania</i>	4	Western coast of the Black Sea
15:30-15:40	<i>A. Pokryshkin, Russia, and P. Dolukanov, UK</i>	5	Caucasian coast of the Black Sea



15:40-15:50	<i>O. Algan and M. Özdoğan, Turkey</i>	6	Southern coast of the Black Sea
15:50-16:00	<i>N. Karul, Turkey, and P. Mudie, Canada</i>	7	Marmara Gateway
16:00-16:10	<i>M. Séfériadès, France</i>	8	Aegean coast

Reports of Coordinators of the Working Groups

Time	Coordinators	Working Group	Field
16:10-16:20	<i>A. Chepalyga, Russia, V. Pushkar and V. Yanko-Hombach, Canada, Ukraine</i>	1	Palaeontology and biostratigraphy
16:20-16:30	<i>C. Cordova, USA, and P. Mudie, Canada</i>	2	Palynology
16:30-16:40	<i>V. Kadurin, Ukraine</i>	4	Sedimentology and mineralogy
16:40-16:50	<i>A. Chivas, Australia, S. Spezafferi, Switzerland and F. Tamburini, Switzerland</i>	5	Geochemistry
16:50-17:00	<i>H. Koral, Turkey, E. Larchenkov, Ukraine, and Y. Yilmaz, Turkey</i>	6	Structural geology and active tectonics
17:00-17:10	<i>Ya. Izmailov, Russia</i>	7	Geomorphology
17:10-17:20	<i>M. Özdoğan, Turkey</i>	9	Archaeology
17:20-17:30	<i>Kh. Arslanov, Russia</i>	10	Radiocarbon chronology
17:30-17:40	<i>G. Alekseev and A. Kislov, Russia</i>	11	GIS-added mathematical modeling
17:40	<p>Closing of the Meeting</p> <p style="text-align: right;"><i>Y. Yilmaz</i></p> <p>Invitation to IGCP-521 Second Plenary Meeting and Field Trip in Odessa, Ukraine, August 20-27, 2006</p> <p style="text-align: right;"><i>E. Smyntyna</i></p>		
19:00	Closing Dinner		



POSTER PRESENTATIONS

1	Patterns of Late Quaternary glacio-eustatic changes revealed in Kuban deep-water fan seismic records <i>V.M. Andreev, A.Yu. Glebov and S.K. Shelting</i>
2	Taxonomical composition and distribution of Foraminifera in the surface sediment from the coastal part of Crimea (the Black Sea) <i>O.V. Anikeyeva</i>
3	The Dead Sea fault: structure, palaeoclimate and influence on mankind <i>Z. Ben-Avraham, N. Goren-Inbar, A. Almogi-Labin, U. Schattner and Y. Avni</i>
4	Comparative morphostratigraphy of barrier-fronted saltponds (Cape Cod, USA) and limans (NW Black Sea, Ukraine): implications for sea-level rise <i>I.V. Buynevich</i>
5	Late Quaternary Benthic Foraminifera assemblages in the North Evoikos Basin, Aegean Sea <i>H. Drinia, G. Anastasakis and A. Antonarakou</i>
6	The East Coasts of the Sea of Azov and the Black Sea: A summary of the history the short characteristic of representative territories for the studying of history of the last 30,000 years <i>Y.A. Izmailov</i>
7	Climate and sea-level changes along the north-eastern Black Sea coast over the past 5.0 ky <i>P.A. Kaplin., A.V. Porotov, T.A.A. and Yu.V. Gorlov</i>
8	Coastline migration and periodicity of sedimentation on the northwest shelf of the Black Sea in Late-Pleistocene and Holocene <i>E.G. Konikov</i>
9	Applications of live benthic foraminifera of the Black Sea to paeleoenvironmental reconstructions <i>A. Kravchuk</i>
10	Marsh foraminifera and Holocene climate change: Application to the Black Sea? <i>E. Leorri and R. E. Martin</i>
11	Dnieper River discharge and sea-level dynamics of the northwestern Black Sea <i>O. Likhodedova and E.G. Konikov</i>
12	Oceanographic data: Principles of organization and standards for systematization <i>A.M. Lyakh, O.V. Sergeeva. and M.I. Silakov</i>
13	Comparative studies of the Late Neogene foraminifera of the Eastern Paratethys and recent foraminifera of the Mediterranean <i>L. Maissuradze and K. Koiava</i>
14	Regularities of Holocene evolution and stages of modification of coastal accumulation forms on Dzharylgach Island <i>G. Pedan and E. Konikov</i>
15	Coastal land morphology in the Aegean and Ionian seas during the last glacial maximum and the following transgression. Impacts on human settlements <i>C. Perissoratis</i>
16	Geological and geocological aspects of mud volcano processes of the Azov-Black Sea basin <i>M.F. Pilipchuk</i>



17	Tectonic isolation of the Levant basin offshore Galilee-Lebanon - Effects of the Dead Sea fault plate boundary on the Levant continental margin, eastern Mediterranean <i>U. Schattner, Z. Ben-Avraham, M. Lazar, C. Hübscher</i>
18	Resting eggs of Cladocera in the modern bottom sediments of the Black Sea <i>N.G. Sergeeva</i>
19	Paleomorphology of the pre-Akchaglian eroded surface on the SW margin of the Kurian Trough <i>A. M Suleymanov</i>
20	The influence of the Caspian Sea on the Black Sea at the end of the Late Pleistocene and Holocene <i>A.A. Svitoch</i>
21	Caspian - Black Sea Corridor during last 30 ky: Didacna's evidence <i>T.A. Yanina</i>
22	Holocene Caspian sea-level changes as recorded in microelemental composition of bottom sediments <i>G. Zal and E. Aliyeva</i>