

researcher newsletters



Eastern Mediterranean University

New Vice-Rector position established to promote research university wide... EMU Research Advisory Board Created... New research seed money Programme initiated... Geographic Information Systems (GIS)... EU Research Project on urban issues and policies in Cyprus concluded... Tatlısu Çiftlikdüzü excavation continues with success... TUBİTAK Research Project on soluble preylene diimides and polyimides continues with success... EMU represented in USA, Canada, Russia, Holland, Italy, Spain, Germany, Czech Republic, Poland, Malaysia and other countries... New Vice-Rector position established to promote research university wide... EMU Research Advisory Board Created... New research seed money Programme initiated... Geographic Information Systems (GIS)... EU Research Project on urban issues and policies in Cyprus concluded... Tatlısu Çiftlikdüzü excavation continues with success... TUBİTAK Research Project on soluble preylene diimides



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I would like to welcome you to the first issue of EMU's Research Newsletter, a quarterly publication intended to keep our readers updated on the research activities held at the university and to contribute to the mission of the Research Advisory Board towards promoting a research culture at EMU. The Research Newsletter aims at being a dynamic instrument for the dissemination of significant information amongst the community at

EMU as well as demonstrating the achievements of our teaching staff outside the campus and contributing to the exchange and sharing of our academic information between EMU and other academic institutions in the region and internationally.

The material included in this first issue reflects those research activities held since the beginning of 2004, and therefore has been subjected to certain limitations. Only activities held before 1 December 2004, and those which were published (for books, articles, so forth) or presented (for conferences, speeches, so forth) before this date were included. Owing to the nature of the vast amount of information written in diverse styles, there may still have been some inadvertent mistakes and omissions in this issue despite the careful work of the editorial team. We hope that you will appreciate the difficulty the team had while working on this initial issue.

We have valued the support of the teaching staff over the past two months since the publication of the newsletter was first announced by the Chair of the Research Advisory Board. We would appreciate your continuing support, and would like to invite your comments along the way. Also, please note that the deadline for submissions for the next issue of the Research Newsletter is 15 March 2005 (Please see the preferred formats for submissions, stated on the last page of this issue).

Many thanks to all the members of the editorial team and the staff of the EMU Printing-house who made the publication of this issue possible.

Derya Oktay
Editor-in-Chief



New vice-rector position established to promote research university wide

One of the recent developments resulting from the array of structural changes currently affecting Eastern Mediterranean University has been the establishment of a new vice - rector position, specifically designated for matters related to research.

Prof. Dr. Ayhan Bilsel, Dean of the Faculty of the Arts and Sciences has been chosen to serve as Vice-Rector for Research. For the first time since the university's inception in 1979, there will be a vice-rector position intended to address the large variety of issues related to research, and ultimately to stress the importance the university attaches to scholarship in general, and to more specific forms of research as well. This emphasis is intended to link individual and collaborative scholarship primarily with more effective and dynamic pedagogy in the service of EMU's students, and also with the wider dissemination of knowledge both in and outside of the university community.

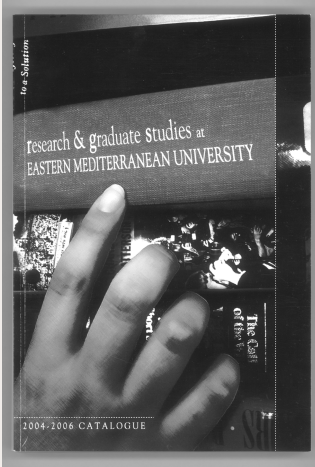
The new vice-rector will be responsible for the oversight of all the research activities at EMU, including all institutes and research centres, both of which have grown markedly in recent

months. New initiatives such as the recent seed-money programme will also be coordinated through the vice-rector's office, as well as support for conferences, exhibitions, seminars and other public activities.

Professor Bilsel has considerable experience and enthusiasm for the new position, which began on 20 December 2004. Speaking of the mission attached to the new position, Professor Bilsel noted that his wish was "to create a change in attitude at EMU so that research is viewed as an essential part of professional practice."

Professor Bilsel's early research was on the theory of light scattering from liquid to solid surfaces, and his more recent interests include engineering education, curriculum studies, and the analysis of misconceptions in physics. Since his arrival in 1980, and appointment in 1986 as the founding dean of the Faculty of Arts and Sciences, Professor Bilsel is looking forward to playing another major role in the academic flourishing of Eastern Mediterranean University.

2004-2006 Catalogue Research & Graduate Studies at EMU released



The first issue of the Catalogue of Research & Graduate Studies at Eastern Mediterranean University (edited by Mehmet Garip) was prepared over the summer of 2004 and released in the beginning of the 2004-2005 Academic Year, as an inventory of the research activities and research potential at EMU. The catalogue, published on the occasion of the university's 25th anniversary, serves as a valuable resource book marking the continued academic growth of EMU.

EMU Research Advisory Board created

The EMU Research Advisory Board was established at the end of August 2004, with the mission of creating a research culture at EMU through promoting research activities.

The board members are:

Prof. Dr. Ayhan Bilsel (Chair),
Prof. Dr. Mehmet Altınay,
(School of Tourism and
Hospitality),
Prof. Dr. Huriye İcil
(Faculty of Arts and Sciences),
Prof. Dr. Sabri Koç
(Faculty of Education),
Prof. Dr. Osman Kükrer
(Faculty of Engineering),
Prof. Dr. Derya Oktay
(Faculty of Architecture),

Prof. Dr. Ahmet Rüstemli
(Faculty of Business
and Economics),
Prof. Dr. Turgut Turhan
(Faculty of Law),
Assoc. Prof. Dr. Tuğrul İliter
(Faculty of Communication &
Media Studies),
Asst. Prof. Dr. Alper Doğanalp
(School of
Computing and Technology).

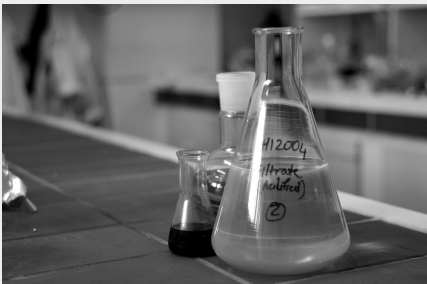
During the weekly meetings of the Research Advisory Board, the following issues have been addressed and discussed, with concrete results:

- Assignment criteria and scholarship awards for research assistants
- Parameters for course load reduction
- Research centres in general and principles of establishment of new research centres
- Funding for conference participation
- New financial support systems for research projects of faculty/school members
- New faculty development programmes

The board will focus on the following issues in the coming months:

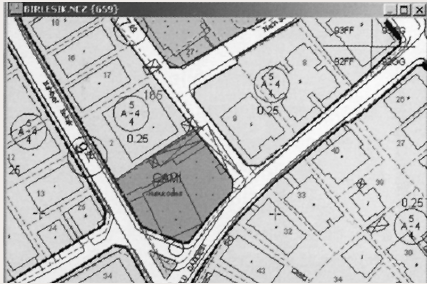
- Activities of research centres
- Publication awards
- Programs run by the institutes
- Centre for Excellence related to education and teaching
- Coordination of funded projects
- Library.

Research Seed Money Programme initiated



A new research fund (labeled "Seed Money") has been introduced at EMU as an award granted to faculty members to support and encourage research projects. According to the fund's specifications, teaching staff should make applications related to their fields of interest, especially those aimed at serving society, those which contribute to social and cultural well-being, democracy, human rights and quality of life. Recipients of seed money grants must orient their projects toward eventual publication in international journals, books, or conference proceedings. Seed money may be used for purchasing equipment, materials, software, publications, services and technical assistance, or to meet the travel/transportation expenses necessary for conducting the research project. The maximum amount of seed money that can be granted is 5,000 USD.

Geographic Information Systems (GIS) Research & Development Centre established



Geographic Information Systems (GIS) Research and Development Centre was established in December 2004 with the aim of creating a database for GIS, and undertaking research into, and the development of applications of visualization, mapping and connections with Global Location Systems on urban, regional and global levels. The centre plans to investigate the integration of Geographic Sciences, Environment, Urban Planning, Architecture, Archaeology, Transportation/Traffic, Health, Agriculture, Forest, Water Sources, Economic Use of Water, and so forth to GIS, to set up models, and to present the results to the information use industry. The centre was founded by Asst. Prof. Dr. Yücel Tandođdu of the Department of Mathematics.

The Board members of the centre are:

Asst. Prof. Dr. Yücel Tandođdu
(Director, Dept. of Mathematics),
Prof. Dr. Derviş V. Deniz
(Dept. of Electrical Engineering),
Prof. Dr. Derya Oktay
(Dept. of Architecture),
Prof. Dr. Mehmet Tahirođlu
(Dept. of Business Administration),
Asst. Prof. Dr. Huriye Bilsel
(Dept. of Civil Engineering).

Cyprus Policy Centre established

Cyprus Policy Centre was established in December 2004 in collaboration with the Foundation for Social Participation and Development (the 'ARI' Movement) with the aim of generating solutions to the political problems of North Cyprus both at the local and international level. The centre also aims at developing strategies in the fields of economics, politics, international relations, education, culture and sports to promote the well being, openness and democracy of society. The centre hopes to contribute to efforts to integrate North Cyprus with the international community; and to construct a new vision for Cyprus in harmony with basic principles of international society, such as political equivalence and respect for the identities of the two societies on the island. The founder and director of the centre is Asst. Prof. Dr. Ahmet Sözen of the Department of International Relations.

Research Projects

Tatlısu-Çiftlikdüzü Excavation Project

Müge Şevketoğlu, Chair

Department of Archaeology and Art History



The excavation project at Tatlısu Akanthou started in 1999. The continuation of excavations in each season brought us closer and closer to the remains and evidences of the earliest settlement in Cyprus. Each summer, archaeology and art history department with the collaboration of international team of specialist, continue the excavation of this settlement. The area of the excavation trench is 25m by 30 metres and the occupation layers in some areas go as deep as 1.30 metres. So far, evidence of 6 houses, plaster lined bins, mud brick and plaster work areas, ovens and hearths are excavated. In order to understand more about these structures shape, construction methods and usage further excavations are needed. The site so near to the sea believed to be the land fall site of settlers coming from Anatolia. The faunal remains are cattle, sheep/goat, pig, fallow deer, fox, dog, fish and marine turtles. Cattle bones are very rare in this period and are only known in two other sites in Cyprus. The turtle carcasses found were almost complete and are the only known examples from an archaeological context of the region. The domesticated animal as well as some of the wild animals are believed to be introduced by these earliest settlers to Cyprus

either from Anatolia or Levant. Until now, there are no human burials but a few fragments of human bones in a disturbed contexts. Another unusual discovery was 400 carbonised seeds which are pending analysis. These seeds along side with for sieving microbotanical and microfaunal remains the new floatation tank will throw light on the climate, vegetation and general environment of that time. Cutting tools made of volcanic glass has been analysed in a laboratory in Germany pointing out Cappadocia Kaletepehöyük as its origin. Excavations at Kaletepe are carried out by Istanbul University, Prof. Nur Balkan Atlı.

Obsidian is a strong evidence origin of the first settlers. At Akanthou or Tatlısu, over 4000 blades of obsidian were discovered, this is the highest number ever discovered in Cyprus second largest being 700. Recently charred seeds has been sent for Carbon 14 dating analysis to the Lab in Oxford University. These absolute dates puts Tatlısu's (Akanthou) latest level to be 8800 BC (uncalibrated). With such an early date and large number of obsidian brings Tatlısu to a very important centre: The distribution point for obsidian trade for Cyprus and the Levantine

region. Previously, the commonly accepted idea was that the distribution of obsidian to Cyprus was via the Levantine coast. However now the idea is reversed. The excavations and most importantly the analysis of soil, plaster, botanical remains will continue. Besides the scientific research carried out on site, student training for excavation methods is also a priority. Total of 35 specialist and students from 11 different nationalities work on this project.

Geophysical (Resistivity metre) Results at Tatlısu (Akanthou), Gocerı Koca Belenk and Tatlısu Kuyu Mevkii:

Geophysical method, Resistivity meter is a non destructive way of discovering structures and archaeological activities. The equipment was borrowed from a University abroad (for political reasons name of the University is withheld). The aim of the project was: to establish the archaeological boundaries of Tatlısu site to establish where the structures are so that plan for the next excavation trench to use the report for establishing Tatlısu and its environ as an archaeological listed site to show archaeology students and give them a chance to try out this equipment which is not available in Cyprus.

This geophysical Method was applied in Cyprus for the first time with success on such an old settlement.

Research Pending:
December 1, 2004

■ Cyprus Kormacit
Regional survey

■ Karpaz Peninsula regional survey

Recent Publications:

Secondary and High School History Books prepared for the TRNC Ministry of Education and Culture. Vol 1-3, History of Cyprus Secondary School

Publications Accepted:

Archaeometry - Carbon dating Results of Tatlısu Çiftlikdüzü, 2004. Article in a book present. In honour of Prof.Dr. Hayat Erkanal, "Trade or Migration: Anatolia and Cyprus Connections in 9th Millenium BC." 2005 National Geographic, Turkey - Oldest settlement in Cyprus and the Obsidian Trade 2005.

Recent Conferences:

In honor of Emeritus Prof. Dr. Trevor Watkins, held in Edinburgh 2004 - "Aceramic Neolithic Period in Cyprus, Tatlısu excavation results", Ankara University, Department of Archaeology Symposium, May 2004 - paper delivered "Cyprus and Anatolian connections: Tatlısu Ciftlikduzu excavations" ASTENE Conference - paper delivered " Osman Hamdi Bey " September 2004.

EU Research Project by Derya Oktay

Prof. Dr. Derya Oktay (Department of Architecture) has concluded a research project concerning 'urban issues and urban policies on the island of Cyprus' as a country report (chapter) to be included in the book titled "Urban Issues and

Urban Policies in the Ten New EU Countries". The research project was commissioned by the Department of Urban Policy of the Dutch Ministry of the Interior and Kingdom Relations.

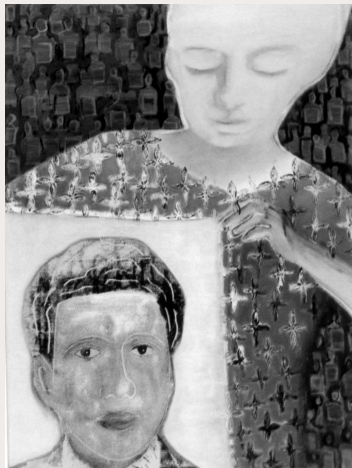
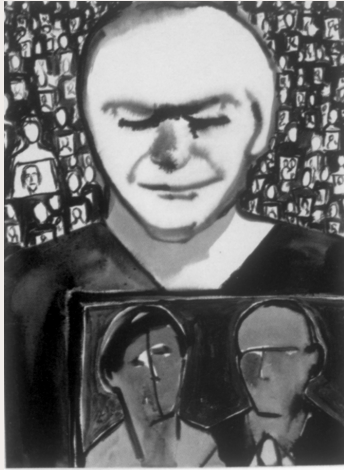
As chair of the European Union in the second half of 2004, the Netherlands sought and included contributions from one specialist from each of the new EU member states. The research was coordinated by KPMG/BEA, a Dutch research institute that has experience with international policy studies, including urban policy for governmental entities, along with Utrecht University (December 2003 - September 2004).

The published summary report was presented and distributed at the EU City Summit in Noordwijk, the Netherlands, on 18-19 October 2004 (available online at the Dutch Ministry of the Interior and Kingdom Relations Webpage, http://www.minbzk.nl/uk/urban_policy/publications/cities_in_the_new).

The published full report was presented and distributed as the centerpiece document at the EU Ministerial Meeting on territorial cohesion and urban policy in Rotterdam, the Netherlands, on 29-30 November (now in press awaiting publication as an internationally refereed book).

TÜBİTAK Research Project by Huriye İcil

Prof. Dr. Huriye İcil (Dept. of Chemistry) has been working on a research project titled "Soluble Perylene Diimides and



Polyimides: Synthesis, Characterization, Photophysical and Electrochemical Properties," commissioned by TÜBİTAK (Project Period: 1 April 2004 - 1 April 2006)

Research Project on Contemporary Art by Anber Onar

Senior Instructor Anber Onar's (Department of Archaeology and Art History) current research is focused on studying the contemporary art scene in North Cyprus in relation to that in the south of the island, and observing the language used in the art of Diaspora artists. She is working on developing a critical understanding of the visual language and parameters used by artists to create simultaneous local and universal identities. As an extension of this research on various kinds of artistic boundaries within local/national contexts, she is actively involved in organizing and contributing work to an international project (with curators and artists from some 20 countries), which is developing and interrogating these parameters; the project will culminate in a major public art event in Cyprus in April 2005. In these research areas, Onar is engaged in writing critical articles and presenting papers at conferences, and is in the process of starting several new projects involving students, which will help raise public awareness about concepts of identity through visual language. She is also currently working on a critical essay commissioned for an art exhibition catalogue on

the "Reconciliation" works of the Greek Cypriot diaspora artist Lefteris Olympios. She is also proposing the establishment of a centre at EMU which will explore such issues and contribute to public education.

Research Activities

Arts and Humanities, Social Science, and Science Citation Indexed Publications

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School of Tourism and Hospitality

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Faculty of Arts and Sciences

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Faculty of Education

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Faculty of Engineering

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Chapters in Edited Books

Faculty of Architecture

Oktay, D., "Cyprus: the South and the North," in *National Urban Policies in the New EU-Countries*, eds. R. Van Kempen, M. Vermeulen & A. Baan, Dutch Ministry of the Interior and Kingdom Affairs (coordination: KPMG & Utrecht University), Amstelveen, Netherlands, 2004, pp. 209-235.

Oktay, D., "Cities on Cyprus," in *Cities in the New EU-Countries: Position, Problems, Policies*, eds. R. Van Kempen, M. Vermeulen & A. Baan, Dutch Ministry of the Interior and Kingdom Affairs (coordination: KPMG & Utrecht University), Amstelveen, Netherlands, 2004, pp. 67-72 [summary report].

Faculty of

Arts and Sciences

Pagan, N., "William James: On War and Religion," in *Confrontations: Essays in the Polemics of Narration*, eds. J. Wall and W. Kimbrel, Eastern Mediterranean University Press, Gazimağusa, 2004, pp. 69-79.

Other Refereed Journal Articles

Faculty of Architecture

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Hürol, Y. "Intellectual Friendship in Architectural Education," *Journal of Aesthetic Education*, Vol. 38, No. 3, Fall 2004, pp. 73-90.

Yıldız, N. "The Role of Turkish Cypriot Women Teachers in the Evolution of Modern Art," *Kadın / Woman 2000, Kadın Araştırmaları Dergisi DAÜ - KAEM /Journal for Woman Studies EMU - CWS*, Vol. 4, Issue 1, June 2003. November 2004, pp. 1-30.

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Faculty of

Arts and Sciences

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Faculty of Communication and Media Studies

Karahasan, H. (In Greek). "Na Sinchorisoume Horis na Ksehasoume: Mia Protasi (Forgiving Without Forgetting: A Proposal)," *Ex-iparhis*, June 2004, pp. 12-15.

Miles, C. "The Prospect and Schizogenesis: A Batesonian Perspective on the Implications of the Double-bind in Advertising Messages," *Marketing Theory Journal*. Vol. 4, Issue 4, 2004, pp. 267-286.

Miles, C. "The Code of Despair: Explicate Order and The Liar Paradox in James Thomson's The City of Dreadful Night." *Perspectives: Journal for Interdisciplinary Work in the Humanities Online*, 2004.

Faculty of Education

Dabaj, F. "Attitudes of Students toward Computers." *The Turkish Online Journal of Educational Technology*, Vol. 3, Issue 1, 2004.

Dabaj, F. "Web Page Design in Distance Education." *The Turkish Online Journal of Educational Technology*, Vol. 3, Issue 2, 2004.

Dabaj, F. "The Evaluation of Students' Perceptions of Distance Education," *The Turkish Online Journal of Educational Technology*,

Volume 3, Issue 3, 2004.

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Carcenac, M. "An Implicit Surface Modeling Technique Based on a Modular Neural Network Architecture," *Turkish Journal of Electrical Engineering & Computer Sciences*, Vol. 12, Issue 1, 2004, 11-26.

Trotsenko R.V., Chefranov S.G., and Chefranov A.G. "Numerical Simulation of Tornado-like Vortexes," *Proc. TSURE*, Taganrog, Russia, 2004, p. 75.

School of Computing and Technology

İlkan, M., Erdil, E., and Egelioğlu, F. "Renewable Energy Resources as an Alternative to Modify the Load Curve in Northern Cyprus," *ENERGY: The International Journal*, Vol. 3, 5, 2004, 555-572.

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Environments: Can Common Heritage Be a Design Tool for Reunification of Divided Cyprus?" *International Seminar: The Mediterranean Medina*, Bari, Italy, 17-19 June 2004.

Dinçyürek, Ö., "Cypriot Vernacular Architecture: The Study of a Distinctive Natural and Cultural Environment," *International Seminar: The Mediterranean Medina*, Bari, Italy, 17-19 June 2004.

Doratlı, N., & Şahin, N. P., "Rapid Growth and Neighbourhood Parks in Famagusta," *Public Spaces and Quality of Life in Cities EURA Conference*, Brno, Czech Republic, 23-25 September 2004.

Faslı, M., Paşaoğulları, N., & Oktay B., "Comparative Analysis of Squares in Traditional and Contemporary Environments With Special Emphasis to Nicosia, Cyprus," *EURA Conference: Public Spaces and Quality of Life in Cities*, Brno, Czech Republic, 23 - 25 September 2004.

Oktay, D., "Design with Spirit at the Urban Level: Learning from the Ottoman City," *EDRA 35 / The Thirty-fifth Annual Conference of the Environmental Design Research Association: Design with the Spirit*, Albuquerque, New Mexico, USA, 2-6 June 2004.

Özdeniz, M.B. & Hançer, P., "Suitable Roof Constructions for Warm Climates - Gazimağusa Case," *Gazimağusa, North Cyprus, International Gazimağusa Symposium 2004. Medi-Triology: Momentum, Metamorphosis, Manifesto*, pp. 230-237.

Pulhan, H., "The Traditional

Urban House Of Cyprus: The Courtyard House Reflecting Cultural Accumulation In The Eastern Corner Of Mediterranean Sea," *International Seminar: Mediterranean Medina*, Bari, Italy, 17-19 June 2004.

Pulhan, H., Berkman, G., and Abbasoğlu, M. S., "Design for Cultural Sustainability: Formal Analysis of the Traditional Urban House of Cyprus," *XXXII IAHS World Housing Congress: Sustainability of the Housing Projects*, Trento, Italy, 21-25 September 2004.

Pulhan, H. & Dinçyürek, Ö., "Diversity in Unity: Different Building Materials and Methods of Traditional Cypriot Architecture," *XXXII.IAHS World Housing Congress: Sustainability of the Housing Projects*, Trento, Italy, 21-25 September 2004.

Tobolczyk, M., "Introduction to Ontogenesis of Architecture - New Possibilities in Archaeological Interpretations," *Building and Architecture of Bronze and Iron Era in Middle Europe*, Biskupin, Poland, 8-9 July 2004.

Türker, Ö. O., & Dinçyürek, Ö., "Learning from Traditional Environment: Cyprus on the Threshold of Becoming a Unified Country," *XXXII IAHS World Housing Congress: Sustainability of the Housing Projects*, Trento, Italy, 21-25 September 2004.

Yıldız, N., "An Iconographical Attempt on the Decoration of St. Nicholas Cathedral (Lala Mustafa Pasha Mosque) in Famagusta," *39th Congress on Medieval*

Studies, The Medieval Institute, Western Michigan University, 6-9 May 2004.

Yıldız, N., "A Case of Vakıf System in Cyprus: The Complex of Saman Bahçe Houses in Nicosia (Cyprus)," *Philanthropy in the Mediterranean Area: Religions and Civil Society between Past and Present*, MISP (Masters in International Studies in Philanthropy), Bologna University, 15-16 October, 2004.

Yıldız, N., "Ortaçağ Hıristiyanlık Felsefesinin Kıbrıs'ta Yansımaları (Reflections of the Medieval Christian Philosophy in Cyprus)," *Sanat ve İnanç Sempozyumu Bildirileri*, Mimar Sinan Üniversitesi, (Ed: Banu Mahir-Halenur Katipoğlu,) Vol. 2, pp. 79-101. Istanbul, 2004.

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Zafer, N. & Bienstman, H., "Urban Morphology and the Delimitation of Morphological Regions," *30th International Geography Congress/ Post IGC Congress Symposium in Urban Morphology*, Glasgow-Newcastle, UK, 27-30 August 2004.

Faculty of Arts and Sciences

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Bashirov, R., "Analyzing Multistage Interconnection Networks with Hierarchical Colored Petri Nets," *Proceedings of International Conference on Applications of Fuzzy Systems and Soft Computing (ICAFS' 2004)*, Quadrant Verlag, Barcelona, Spain, September 28-30, 2004.

Bodapati, J.B. & İcil, H., "Synthesis of Soluble Poly (Perylenecarboximides)," *XVIII.Ulusal Kimya Kongresi*, Kars, Turkey, 5-9 July 2004.

Fazlollahi, B., Aliev, R. A., and Aliev, R. R., "Soft Computing in Business and Economics," *Sixth International Conference on Application of Fuzzy Systems and Soft Computing*, 28-30 September, Barcelona, Spain, pp. 5-38.

İcil, H. "N-(O-Fosforilethanoil)-3,4,9,10-perilentetrankarboksilik-3,4-anhidrit 9,10-imid Konjüge Polietilenimin," *XVIII.Ulusal Kimya Kongresi*, Kars, Turkey, 5-9 July 2004.

Pinnell, L., "A Vindication of Nostalgia: From the Regressive to the Progressive," *The Seventh Conference of the European Society for the Study of English*, Zaragoza, Spain, 8-12 September 2004.

Mammadov, J. R., Aliev, R. A.,

Mammadov, R. M., & Aliev, R. R., "Application of Fuzzy Chaos to Linear Programming Based Scheduling Problem," *Sixth International Conference on Application of Fuzzy Systems and Soft Computing*, 28-30 September, Barcelona, Spain, pp. 66-69.

Onar, A., "Posting the Boundaries," Fifth Biennial Conference of ASTENE, the Association for the Study of Travel in Egypt and the Near East. ASTENE/Oxford and Durham Universities. Nicosia, Republic of Cyprus. 10-19, September 2004.

Onar, A., "Eliding Boundaries: The Art of Conflict" (Panel-Art, Struggle, Survival and Change), *The Third International Conference: Hierarchy and Power in the History of Civilizations*. Russian Academy of Sciences, Center for Civilizational and Regional Studies/Institute for African Studies. Moscow, Russia, 18-21 June 2004.

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XVIII. Ulusal Kimya Kongresi, Kars, Turkey, 5-9 July 2004.

Pillai, J., "Cartography, Cultural Spaces, and the Bedouin in Cyprus," *Fifth Biennial Conference of ASTENE, the Association for the Study of Travel in Egypt and the Near East*. ASTENE/Oxford and Durham Universities. Nicosia, Republic of Cyprus. 10-19, September 2004.

Pillai, J., "States of Anarchism: The Logic of the Dada and Surrealist Text and Audience," (Panel-Art, Struggle, Survival and Change), *Third International Conference: "Hierarchy and Power in the History of Civilizations"*. Russian Academy of Sciences/Center for Civilizational and Regional Studies/Institute for African Studies. Moscow, Russia, 18-21 June 2004.

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Sharkey, R., "100 Years of Solitude: From Ulysses to The Parts," *The 19th International James Joyce Symposium*, Dublin, Ireland, 13 June 2004.

Uzun, D. & İcil, H., "Yeni Perilen-TiO₂ Sistemleri: Hetero-Süpermoleküller," *XVIII. Ulusal Kimya Kongresi*, Kars, Turkey, 5-9 July 2004.

Yüney, K. & İcil, H. "Poli

(perilenkarboksimid) ve Poli (naftalinkarboksimid) Sentez ve Fotofiziksel Özellikleri," *XVIII. Ulusal Kimya Kongresi*, Kars, Turkey, 5-9 July 2004.

Faculty of Communication and Media Studies

Karahasan, H., "Different Narratives, Different Stories: The Language of Narrative and Interpretation," *7th International English Literature Conference: Inscriptions '04*, Gazimağusa, EMU, North Cyprus, 1-2 June 2004.

Kavas, L., "Conferential Difference," *1st International Conference in Communication and Media Studies, Ethics in Communication: Culture, Community, Identity*, 5-7 May 2004.

Şat, A. & Karahasan, H., "Free Software and Open Source: A Grass Roots Movement Under Capitalist System?" *6th Graduate Conference in Erlangen/Nuremberg, "Border/Crossings: Culture-Media-Economy*, Friedrich-Alexander University of Erlangen/Nurnberg, 5-7 November 2004.

Şat, A., "A Clockwork Orange and Artificial Intelligence: A "New" Alternative Reality?" *7th International English Literature Conference: Inscriptions '04*, Gazimağusa, EMU, North Cyprus, 1-2 June 2004.

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Faculty of Education

Dabaj, F., "A New Model for the World of Instructional Design: A New Model," *Sixth International Educational Technologies Conference*, Sakarya University, Sakarya, Turkey, 24-26 November 2004.

Dabaj, F., "Instructional Design Model: A Constructivist Based New Model," *Sixth International Educational Technologies Conference*, Sakarya University, Sakarya, Turkey, 24-26 November 2004.

Dabaj, F., "Diffusion of Distance Education in Turkish Republic of Northern Cyprus," *Sixth International Educational Technologies Conference*, Sakarya University, Sakarya, Turkey, 24-26, November 2004.

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Osam, N. & Ağazade, A. S., "How Successful will the Teaching of Turkish in the "Republic of Cyprus" Be: The Attitudes of Greek Cypriots," *3rd International Mercator Education Conference; Linguistic Diversity and Education: Challenges and Opportunities*. Fryske Akademy,

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Osam, Ü. V. & Oktay, Y. B., "A Needs Analysis on a Tripod: An Attempt to Capture an Accurate Picture?" *8th METU International ELT Convention, Reexamining Needs, Targets and Tools: From Curriculum to Materials*, Middle East Technical University, Ankara, 13-15 May, 2004.

Faculty of Engineering

Afridi, T. & Salamah, M. "A Realistic Model for Soft Handoff in Cellular Networks," *Proceedings of the 9th CDMA International Conference*, Seoul, Korea, October 2004.

Altunay, C. & Mohamed, A.N. "A knowledge based system for building Internal Finishes". *6th International Conference on advances in Civil Engineering*, 6-8 October 2004, Istanbul, Turkey. pp. 1922-1930.

Bilsel, H., Tawfiq, S. Çelik, E., and Öncü. Ş., "Unsaturated Soil property Functions of Lime Treated Expansive Soils", *Advances in Civil Engineering*, *6th International Conference*, Boğaziçi University, Oct 6-8, 2004, Istanbul

Elçi, A., Köseoğlu, A., Behram, B., Bahçeci, Ç., Çelik, D., Olgu, G., Özüölmez, K., and Gürel, M. U., "Crossup: Marking up for Cross-Language Semantic Retrieval," *3rd FAE International Symposium*, Gemikonağı, TRNC; in *Proceedings (Balasubramanian, K., editor) by European University of Lefke* 2004, pp. 295-302, pp. 25-

26 November 2004.

Elçi, A., "A Metadata for E-Learning Coordination through Semantic Web Languages," *IV. International Symposium on Educational Technology IETC 2004*, Sakarya, Turkey; in *Proceedings (İşman, A. and Dabaj, F., editors) by TOJET* 2004, pp. 27-32, 24-26 November 2004.

Chefranov, A.G., "On Approach to Decision Making Formalization," *Proceedings of the 6th Int. Scientific-Practical Conf. "Information Security"*, Taganrog, TSURE, Russia, 1-7 July 2004, pp.158-160.

Degtiarev, K. & Nizamiev, R. "Program SFDT: An Educational Software Tool for Fuzzy System Model Design," *International Conference on Computational Intelligence (ICCI)*, May 2004.

Eren, Ö. & Yilmaz, Z. "Effect of Limestone Crusher Dust Content on Some Properties of Steel Fiber Reinforced Concrete," *7th International Conference on Concrete Technology in Developing Countries*, Kuala Lumpur, Malaysia, 5-8 October 2004, pp. 43-52.

Güçbilmez, E. & Tawfiq, S. S., "The Effect of the Superpave Gyratory Compactor on Design Asphalt Content," *Advances in Civil Engineering*, *6th International Congress*, Boğaziçi University, Istanbul, 6-8 October 2004, Vol. III, pp. 1706-1712.

Kafkas, Ş. & Bayram, Z., "Distance Education Using XML Technology," *Proceedings of the 5th International Conference on*

Information Technology Based Higher Education and Training (I THET'04), 31 May - 2 June 2004, Istanbul, Turkey.

Kömürcügil, H. "A PI-Type Self-Tuning Fuzzy Controller for Dc-Dc Boost Converters," *IEEE IECON'04*, Busan, Korea, 2-6 November 2004.

Köse, M., & Acan, A., "Knowledge Incorporation into ACO-Based Autonomous Mobile Robot Navigation," *19th International Symposium on Computer and Information Sciences ISCIS'04*, Antalya, Turkey, 27-29 October 2004.

Mazurova, T. A. & Chefranov, A.G. "Orthogonal Arrays Based Pseudorandom Numbers Generator," *A&QT-R 2004 (THETA 14) 2004 IEEE-TTTC - International Conference on Automation, Quality and Testing, Robotics*, 13-15 May, 2004, Cluj-Napoca, Romania, pp. 273-278.

Salamah, M. & Tansu, F. "On the Vertical Handoff Performance for Interworking between WLAN and GSM," *Proceedings of the 9th CDMA International Conference*, Seoul, Korea, October 2004.

Trotsenko R.V., Chefranov S.G., and Chefranov A.G., "Numerical Simulation of Tornado-like Vortexes," *Proc. TSURE*, Taganrog, Russia, 2004, p.75.

School of

Computing and Technology

Aldabagh, L., İlkan, M., Egeliöglu, F., and Erdil, E., "Energy generation With a Photovoltaic Solar Thermal Hybrid System," *EUROSUN 2004*, Germany, 5 March 2004

İlkan, M., Egeliöglu, F., and Erdil, E., "Time Series Forecasting the Electricity Consumption in the TRNC," *NEU-CEE 2004 Proceedings*, 11-13 March 2004.

İlkan, M. & Kapsil, Y., "Energy Education and Demand Side Management of Energy in N. Cyprus," *3rd FAE International Symposium*, University of Lefke, 25-26 November 2004.

İlkan, M. & Yuvka, A., "Energy Production and Environmental Pollution in N. Cyprus," *3rd FAE International Symposium*, University of Lefke, 25-26 November 2004.

School of Foreign Languages

Arkin, I. E., Billuroğlu, A., and Neufeld, S., "The OWL (Online Word Learning) Project: A Data-driven Approach to Vocabulary Learning," *The 9th International Bilkent EFL Conference*, Ankara, March 2004.

Social & Cultural Activities

Office

Anthony, D., "Sports and Peace in the Mediterranean - New Shapes with Old Bricks," *Community of Mediterranean Universities*, University of Foggia, Italy, October 2004.

Public Lectures and Seminars

Faculty of Arts and Sciences

Kızılduman, B., "Kıbrıs Arkeolojisi Işığında Güzelyurt Bölgesi ve Gayap," organized by the Cyprus Turkish Tourist Guide Associations, Nicosia, November 2004.

Pillai, J., "The Pathological Lyre: Linguistic Compulsion in Blake, Novalis, Emerson, and Poe." *Faculty Lecture Series*, Department of English, Central Connecticut State University, New Britain, Connecticut, 14 April 2004.

Miscellaneous

Faculty of Architecture

Assoc. Prof. Dr. Türkan Uraz, **Asst. Prof. Dr. Hıfsiye Pulhan** and **Research Assistant Pınar Uluçay (Department of Architecture)** moderated a poster presentation titled "Modernizmin Yerel Açılımları: Lefkoşa Kız Lisesi Örneği" (*Türkiye Mimarlığında Modernizmin Yerel Açılımları Poster Sunuşları*), organised by DOCOMOMO -

Türkiye Milli Çalışma Grubu,
ODTÜ Mimarlık Fakültesi, Ankara,
Turkey, 10-11 November 2004.

Faculty of Arts and Sciences

Prof. Dr. Huriye İcil
(Department of Chemistry) has
maintained a professional
collaboration with Assoc. Prof. Dr.
Hasan Uludağ, which started in
2002. Dr. Uludağ is from the
University of Alberta (Canada),
Department of Chemical and
Materials Engineering, and has
expertise in tissue regeneration.
He spent his sabbatical at the
Chemistry Department at EMU,
between 1 August 2004 and 1
December 2004. Dr. Uludağ and
Prof. İcil's research group conducted
scientific works on perylenes,

conjugated PEI polymers and
their applicability for gene
therapy.

Faculty of Business and Economics

Prof. Dr. Özay Mehmet
(Department of Economics) was
a convener for the conference
"Reconstruction and Development
in War-Torn Muslim Countries" in
Ottawa, Canada, on 17-18
December, 2004, where he also
presented a paper.

Faculty of Engineering

Asst. Prof. Dr. Murat Bengisu's
**(Department of Industrial
Engineering)** book titled
Engineering Ceramics, (Springer
Verlag, December 2001) has
been translated into Persian by
Dr. Mohammed E. Ebrahimi of
Saveh University and recently
published in Iran.

Guest Speakers/Seminars/Symposia



Costas Neocleous

In 2004, EMU was very fortunate to host a great number of lectures, seminars, and symposia, many of which featured prominent participants from all over the world. A selection of these events, from the last three months, is listed below.

November 2004

Department of General Education

"The Turkish Academy of Sciences"

Prof. Dr. Namık Kemal Aras
Director, Institute of Science and Technology Council Member,
Turkish Academy of Sciences
Secretary General, Association of Academies of Sciences of Asia

Department of Mechanical Engineering

"Computational Intelligence in Engineering and Science"

Dr. Costas Neocleous

Department of Mechanical Engineering
Higher Technical Institute, Nicosia

Department of Physics

"Formation of Semiconductor Nanocrystals in SiO₂ by Ion Implantation"

Dr. Uğur Serincan

Faculty of Communication & Media Studies

"Modernisation of Daily Life in Cyprus and Turkish Cypriot Women"

Harid Fedai
Researcher

Department of English Language & Humanities

"New Possibilities for Art and Performance in Cyprus: Beginnings, Common Ground and Creativity"

Arianna Economou
Director, Echo Arts Living Arts Centre, Nicosia

An illustrated discussion of a recent intercommunal project on the development of artistic collaboration in Cyprus-in text, movement, music and visual arts. Performer Çimer Ergene also participated as a respondent.



Anda Barr



Mehmet Yaşın



Tahir Çelik



Kyriakos Pontikis

Urban Research & Development Centre (URDC)

Lectures:

"The City of Jerusalem (Kudüs) and Its Evolution"
&
"Contemporary Architecture in Israel"

Anda Barr

Director of the Special Projects Department in the Israeli Land Administration, and Head of the Union of Israeli Architects in Jerusalem

Anda Barr's first lecture presented the most significant characteristics of Jerusalem (Kudüs) through a short video presentation, which led to a discussion of the evolution of the urban form of this city throughout history. A variety of tools and maps were used. The second lecture introduced the modern face of Israeli cities by presenting more than forty outstanding examples of contemporary buildings.

Department of General Education

"National Languages and Literature in Cyprus, Turkey and Greece"

Mehmet Yaşın

Author

Department of International Relations

"The Upcoming U.S Presidential Elections"

Professor Theodore J. Eismeier
Yale University

October 2004

Department of Civil Engineering

Seminar: "Project Planning and Management"

Prof. Dr. Tahir Çelik

Lecturer, Near East University

Urban Research & Development Centre (URDC)

Lecture: "Designing and Making Livable and Sustainable Buildings"

Asst. Prof. Dr. Kyriakos Pontikis

Intercollege, Department of Design, Nicosia

Kyriakos Pontikis's presentation, which was based on his research and practice in the USA, discussed the fundamental tenets of the art of building, and explored what gives life and true functionality to buildings by highlighting the significance of creating modern living structures that are responsive to human needs and cultural specificity. Dr. Pontikis supported his talk with a visual presentation of the buildings he designed and built.



Norton Mezvinsky

Department of General Education

"Aralık 2004, Türkiye - Avrupa
Birliği İlişkileri ve Kıbrıs"

Prof. Dr. Eser Karakaş

University of Bahçeşehir
Dean of Faculty of
Business & Administration
Department of EU Relations

Department of Business and Economics

"The USA and Iraq"

Prof. Norton Mezvinsky

Central Connecticut State
University

September 2004

Department of Physics

"Adsorption and Growth on
Si(001) Surfaces"

Dr. Riad Shaltaf

Middle East Technical University
Ankara

"Structure-function Relationships
in Photosynthetic Light-harvesting
Complexes"

Dr. Erkut İnan

Middle East Technical University
Ankara

Postgraduate Research News

The Institute of Graduate Studies and Research is pleased to announce the successful completion of postgraduate degrees (awarded in last six months) by the following students:

PhD

June 2004

ARIF AKKELEŞ
Criss-Cross Algorithms in Linear Optimization.

NİL PAŞAOĞULLARI
A Study on the Design Principles of Public Open Spaces in Walled Cities: the Case of Nicosia.

July 2004

CEM ERGÜN
Speech Codec Detector Based Speaker Verification System in a Multi-Coder Environment.

MUSTAFA İLKAN
Energy Extraction from a Water Cooled Photovoltaic Module and Comparative Economic Analysis.

September 2004

OZAN ERENAY
Virtual Reality in Requirement Analysis for CIM System Development Suitable for SMEs.

MUSTAFA ERKUT ÖZSER
Biomimetic Cascade Cyclizations

of Isoprenoid Polyalkenes Initiated by Photoinduced Electron Transfer: Studies Aimed at Improvements and Asymmetric Induction.

ÖNSEN TOYGAR
Fast and Efficient Face Recognition Through a Divide-and Conquer Approach Implemented as a Multiple Classifier System.

Master of Arts

June 2004

ZAKARİA BELLOT
Pre-feasibility Study of a Reserve Osmosis Sea Water Desalination Plant in North Cyprus.

DORIANA BROKAJ
Fiscal Policies in Transition Countries: The Albanian Case.

ZEHRA ERTAY
Needs Analysis of Basic Academic English Freshman Students at EMU.

SALİH KAÇAK
Industrial and Economic Influences on Financial Statements

DENİZ NASIFOĞLU
The Effectiveness of the Eagle Website at the EMU Communication and Media Studies Faculty.

July 2004

MİHRİCAN AYLANÇ
Kıbrıs Türk Edebiyatında Roman.

ZALİHE BAYRAM
Rewriting the Tempest: A Tempest and Water with Berries.

EMMANUEL ADUMUA-BOSSMAN
Socio-Economic and Political Attempts at Development and Consequences for the Republic of Ghana.

CANAY ERÇAĞ
Baki'nin Gazellerinde Simetri.

İLKE ERGİN
Fuzuli'nin Gazellerinde Karşıtlık.

GÜLNARA KARIMOVA
Color as a Method of Influence on Consumers in Advertising.

FATOŞ KARA
Evaluation of Advertisements in North Cyprus by TurkiBritish Audiences.

ÖZLEM KAVAZ
A Comparative Study on Effectiveness of Advertorials versus Traditional Display Advertisements on Consumers.

AYSEL ÖZDEMİR
Soviet Legacy, State Building, Nation Building and Democratization in Central Asia.

GÜLDEN SARI
Ahmed Paşa'nın Gazellerinde Sevgiliye Ait Güzellik Unsurlarının Kullanımı.

BURCU ŞAHİN

Handi Divanı'nda Aşık, Sevgili ve Rakip.

SİNEM TUMBURİ

İlhan Tarus'un Öykülerinde Toplumsal Eleştiri: Kitapları Üzerine Bir İneleme.

August 2004

ADEM AKAR

Turkish Foreign Policy towards Northern Iraq.

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An Inter-Disciplinary and Multiperspectival Approach on Domestic Violence towards Children within Communication and Media Studies.

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Sentimentalized News as an Outcome of Organizational Assimilation of TV Journalists in Turkey.

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A Preliminary Exploration of Consumer Behavior and Point of Purchase Activities in the TRNC: An Empirical Statistical Study of Consumer Purchase Decisions.

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Reactions of Tertiary Students about the Use of the Male Body in Magazine Advertisements.

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Resolving the Cyprus Conflict: An Analysis of the Application of Conflict Resolution Theories and Mediation.

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Otherness, Difference, and Identity in V.S. Naipaul's The Mimic Men.

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Turkish Students' Attitudes Towards English and English Language Learning.

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English Proficiency Tests and Prediction of Academic Achievement.

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A Realistic Model for Soft Handoffs in a Cellular System.

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A Study on Streaming Video Communication with Internet Protocol Version 6.

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A Comparative Study for MSF and MEE Desalination Systems Using Alternative Energy Sources.

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Performance Investigation of the IEEE 802.11b Wireless Network.

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The Effect of Burnout on Employees' Psychological and Behavioral Outcomes: Evidence from the Northern Cyprus Hotel Industry.

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Life Cycle Costing of Residential Buildings in Cyprus.

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A Case Study: A Comparative Study for Self-Tuning and Conventional Fuzzy Logic Control.

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Business Process Redesign for
Improvement of Quality and Eff in
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Design and Implementation of an
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for a Go-Cart.

M. KEMAL KARA

Performance Analysis of
Multimedia Streaming on the IEEE
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SEZİN KAYMAK

Enhanced Principal Component
Analysis Recognition Performance.

AYŞE KORTUN

Multi-user Detection of CDMA
Signals in Impulsive Noise.

İSMET MENEVİŞ

Exploration of Yield Management
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ŞERİFE ÖNCÜ

Soil-water Characteristics and
Volume Change Behavior of
Artificially Cemented Expansive Clay.

FATMA ÖZAR

KLT Based Video Coding Using
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MUHAMMED ALİ ÜNAL

Water Budget Estimation in the
Karpaz Peninsula and Synthetic
Unit Hydrographs of its Watersheds.

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CEREN MİRİLLO

Nonlinear Inequalities and
Applications.

July 2004

AYŞE MİNE OLCAY

Kıbrıs'ta Çözüm Arayışları:
1964'ten Lahey Zirvesi'ne Kadar

AYŞE AKGÜN

Küresel Isınma ve Devletlerin
Uluslararası Sorumlulukları.



Eastern Mediterranean University has recently accepted two important collections of seashells donated by Mrs. Rosemary O'Driscoll and Mrs. Anabella Shelley. The EMU Library will display these unique collections for several years until a permanent exhibition location can be found. Scholars will be able to study the collection to as part of ongoing research projects on marine life.

Originally from Ireland, Mrs. O'Driscoll, has lived in Kyrenia for 15 years. She decided to make this very noteworthy and unsolicited contribution to the library as a result of her life-long interest in collecting seashells and other coastal specimens acquired during her husband's military assignments in different parts of the world. Mrs. Shelley also offered her father's seashell collection which was also collected as a result of his international military postings in different parts of the world. David Shelley's seashells have been given to EMU as an on-loan collection for at least 10 years.

Both collections include a wide variety (as well as some rare species) of sea life collected throughout the globe, and are being prepared for a permanent exhibition in the EMU Library by a committee including Assoc. Prof. Dr. Netice Yıldız (Art Historian), Assist. Prof. Dr. Halil Nadiri (vice-rector), Osman Soykan (Director of the EMU Library, and Burak Çiçek (Marine Biologist, PhD candidate at Hacettepe University).

The exhibition is expected to be inaugurated soon.

EMU Rector Prof. Dr. Halil Güven expressed his acknowledgements to Mrs. O'Driscoll and Mrs. Shelley for their kind contributions to Eastern Mediterranean University, as well as to Niki Newhouse, editor-in-chief of *New Colonial Magazine*, author Levinia Neville-Smith and Netice Yıldız who helped to find a new home to both collections. This will be the first exhibition of its kind in North Cyprus. A comprehensive seashell collection such as EMU's is unique in the region. For example, there is no comparable collection among universities in Turkey. It is expected that the collection will attract many scholars and conchologists from every part of the world for scientific studies.

Formats for Submission

Teaching staff at EMU are invited to send any relevant information to be included in subsequent newsletters. All material submitted should be in English and sent to the following e-mail adress: research@emu.edu.tr

Research projects

Commissioned research projects preferred. Brief description is required.

Research Activities

Books

Expert, A.N., *A Book He Wrote*, His Publisher, 2005.

Chapters/Articles in an edited book:

Expert, A.N., "Some Related Chapter I Wrote", in *A Book He Wrote* (Ed: His Name), His Publisher, 2005.

Refereed journal article for one author

Author, I.M., "Some Related Article I Wrote", *Some Fine Journal*, Vol. 17, Issue 1, pp. 1-100, 2005.

Refereed journal article for two and more authors

Author, I.M. & Author Y.M. "Some Related Article We Wrote", *Some Fine Journal*, Vol. 17, Issue 1, pp. 1-100, 2005.

Author, I.M., Author, Y.M., and Author, V.M. "Some Related Article We Wrote", *Some Fine Journal*, Vol. 17, Issue 1, pp. 1-100, 2005.

Conference Presentations

Author, I.M., "Some Related Paper I Presented", *Some Conference / Symposium*, Place, Date.

Public Lectures/Seminars

Author, I.M., "Some Related Lecture/Seminar I gave", *Some Organization*, Place, Date.

Guest Speakers / Seminars / Symposia

Brief information (related photo enclosed - if available).

Exhibitions

Brief information (related photo enclosed - if available).

Performances

Brief information (related photo enclosed - if available).

Miscellaneous

In line with the above information.

Upcoming Conferences at EMU

Brief information