Proceedings

Volume 3

International Conference on Environment : Survival and Sustainability

Organized by Near East University

**Published By:** EDUCATIONAL FOUNDATION OF NEAR EAST UNIVERSITY

Near East University, Lefkoşa, Turkish Republic of Northern Cyprus Tel: +90 392 223 64 64

Fax: +90 392 223 64 61

e-mail: [infa@neu.edu.tr](mailto:infa@neu.edu.tr)

web: [www.neu.edu.tr](http://www.neu.edu.tr)

**Citation: Gökçekuş, H., 2009 (Editor) Proceedings of the lnternational Conference on Environment: Survival and Sustainability.** Nicosia (Lefkoşa),

Turkish Republic of Northern Cyprus: Educational Foundation of

Near East University. 10 volumes, LXXVI, 5498, XIV pages.

**Copyright:** Reproduction of this Publication far Educational or other non-commercial purposes is authorized without prior permission from the copyright holder. Reproduction far resale or other commercial purposes prohibited without prior written permission of the copyright holder.

**ISBN:** Volume 3: 978-975-8359-55-4

**Disclaimer:** While every effort has been made to ensure the accuracy of the infarmation contained in this publication, the EDUCATIONAL FOUNDATION of the NEAR EAST UNIVERSITY will not assume liability far any use made of the proceedings and the presentation of the participating organisations concerning the legal status of any country, territory, or area, or of its authorities, or concerning the delimitation of its frontiers ar boundaries.

**Printed by:** Near East University Tel: +90 392 223 64 64 Fax: +90 392 223 64 61

**Editor:** Prof. Dr. Hüseyin GÖKÇEKUŞ Near East University

Lefkoşa,

Turkish Republic ofNorthem Cyprus [*ghuseyin@neu.edu.*](mailto:ghuseyin@neu.edu.) *tr,* [*gokcekushuseyin@gmail.com*](mailto:gokcekushuseyin@gmail.com) *Tel/Fax: 00 90 392 223 54 27*

**Members of the Editorial Board:**

AnwarNASIM

Aysel YONTAR Cyro Do V ALLE Derin ORHON

Elchin KHALILOV Giovanni BARROCU Gunnar TELLNES JimLAMEROX

Pakistan TRNC Brasil Turkey Azerbaijan ltaly Norway USA

Konstantin V. SUDAKOV Russia

Luc HENS Belgium

Münür ÖZTÜRK Turkey

Reinhold STEINACKER Austria

Tarzan LEGOVIC Ulric ROTT

Umut TÜRKER Ümit HASSAN Vedat DOYURAN Walter KOFLER Zekai ŞEN

III

Crotia Germany TRNC TRNC Turkey Austria Turkey

International Conference on Environment: Survival and Sustainability 19-24 February 2007 Near East University, Nicosia-Northern Cyprus

1986

CONTENTS

Pages

Editor/Members of the Editorial Board HI

Preface VII

Acknowledgments .................................................................................•........ VIII

Organizing Committee Members IX

International Advisory Board Members X

Scientific Committee Members XIII

Messages XVII

·Message from Dr. Suat İ.Günsel, Honorary President of the Conference ·Message from Prof.Dr. Hüseyin Gökçekuş, President of the Conference

Opening Speeches XIX

·Prof. Dr. Ümit Hassan, Rector of Near East University, TRNC

·Prof.Dr. Hüseyin Gökçekuş, President ofthe Conference & Organizing Committee, TRNC ·Rahmi Koç, Honorary Chairman & Founding Member ofTURMEPA, TURKEY ·EşrefCerrahoğlu, Chairman ofExecutive Board ofTURMEPA, TURKEY

•Cemal Bulutoğluları, Mayor, Turkish Municipality of Lefkoşa, TRNC

•Asım Vehbi, Minister of Environment and Natural Resources, TRNC

·Tahsin Ertuğruloğlu, Leader of the National Unity Party(UBP), TRNC

•Assoc. Prof.Dr. Turgay Avcı, Deputy Prime Minister & Minister of Foreign Affairs ofTRNC ·Türkekul Kurttekin, Turkish Ambassador to Lefkoşa, TRNC

•Ferdi Sabit Soyer, Prime Minister of TRNC

·Prof. Dr. Ekmeleddin İhsanoğlu, OIC Secretary General ·Mehmet Ali Talat, President ofTRNC

Final Report of the International Conference On Environment: Survival and

Sustainability XXXIX

v

Jnternational Conference on Environment: Survival and Sustainability 19-24 February 2007 Near East University, Nicosia-Nortbern Cyprus

List of Papers and Posters XLIII

Papers and Posters

Volume 1: MT-1: Business and Environment: Redefıning Interests 1

Volume 2: MT-2: Conservation and Management ofBiodiversity 187

Voluıiıe 3: MT-3: Cultural Heritage and Environmental Factors 769

Volume 4: MT-4: Economics, Development and Sustainability 1043

Volume 5: MT-5: Energy and Development: New and Renewable Energy 1673

MT-6: Environment and Health 1953

Volume 6: MT-7: Environmental Awareness, Education, and Lifelong Leaming 2369

MT-8: Environmental Knowledge and Information Systems 2615

MT-9: Environmental Law and Ethics 2807

MT-10: Environmental Organizations: Roles, Problems and Prospects 2895

Volume 7: MT - 1 1: Environmental Science and Technology 2923

MT-12:Global Warming: How Much of A Threat? 3607

Volume 8: MT 13 -Green Factor In Politics 3785

MT-14: Integrated Water Resources Management. 3847

Volume 9: MT-15: Intemational Relations and Environmental Issues 4367

MT-16: Literature and Environmental Awareness 4527

MT-17: Natural and Man-Made Disasters: Emerging Link and Challenges 4587

MT-18: Pesticides In The Environment and Food Commodities 4741

MT-19: The Role of Media: Problems and Challenges 4809

Volome 10: MT-20: Seas, Ecological Balance, and Sustainable Environment. 4915

MT-21: Social and Psychological Dimensions of Environmental Issues 5117

**Index I**

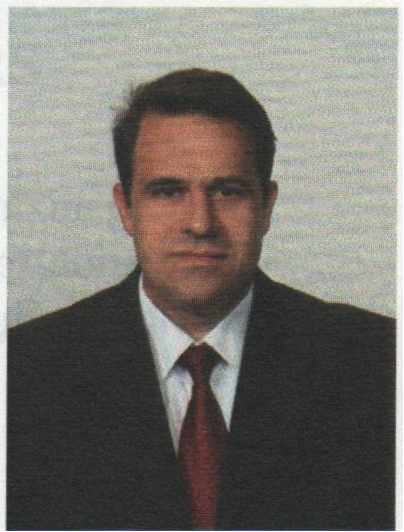
Brief lnformation About Near East University XI

Brief Information About Turkish Republic of Northern Cyprus ~ XV

vı

International Confereııce on Environment: Survival and Sustainability 19-24 February 2007 Near East University, Nicosia-Northern Cyprus

1988



**PREFACE**

Creating a sustainable and a healthy environment is one of the most impoıtant global issues facing mankind today. Therefore, serious consideration should be given to environmental problems and concerted efforts should be made worldwide in order to respond and prevent present and future environmental risks and challenges.

The Intemational Conference on Environment: Survival and Sustainability (ESS 2007) organized by the Near East University between the dates 19 and 24 February 2007 was held in Lefkosa, Turkish Republic of Northem Cyprus. The main objective of this multidisciplinary conference was to gather scientists from all over the world to discuss the overall issue of the environment, to find out sustainable solutions for environmental problems and to identify areas for future collaboration in this matter. The conference brought together 2,052 participants from 108 different countries. During the conference a total of 1 ,463 papers were presented under 21 different subtopics, representing various scientific disciplines. The topics included environmental law and ethics, environmental knowledge, technology and information systems, media, environmental awareness, education and lifelong learning, the use of literature for environmental awareness and the effects of the green factor in politics and in intemational relations.

The Scientific Committee of Intemational Conference ESS2007 evaluated ali of the 1,463 papers and selected among them 610 papers to be included in The Proceedings of Environment: Survival and Sustainability. The readers will notice the wide range of topics represented by the papers included in the Conference Proceedings.

it is hoped that this book will serve to contribute to increase in awareness towards various environmental issues as well as drawing more attention to the urgency of intemational cooperation and collaboration in pursuing sustainable environmental management.

Prof. Dr. Hüseyin Gökçekuş

President of the Conference and the Organizing Committee Vice Rector of the Near East University

Lefkoşa-TRNC

18 February 2009

VII

VIII



International Conference on Environment: Survival and Sustainability 19-24 February 2007 Near East University, Nicosia-Northern Cyprus

1988

**ACKNOWLEDGMENTS**

The Organizing Committee of the ESS2007 Conference would like to extend its sincere appreciation to Dr. Suat Günsel, the Founding Rector of the Near East University, to Prof. Dr. Ekmeleddin İhsanoğlu, General Secretary of the Organization of Islamic Conference and to Prof. Dr. Walter W. Kofler, President of ICSD/IAS for their significant support and encouragement in the conference.

Appreciation is also extended to the chairpersons, the keynote speakers and the presenters of papers in the conference.

We are deeply grateful for the members of the editorial board who have carefully read and recommended the papers for publishing.

We also wish to express our gratitude to numerous individuals for their valuable contribution to the editing process.

Prof. Dr. Hüseyin Gökçekuş

President of the Conference and the Organizing Committee Vice Rector of the Near East University

Lefkoşa-TRNC

IX

International Conference on Environment: Survival and Sustainability 19-24 February 2007 Near East Uoiversity, Nicosia-Northern Cyprus

**ORGANIZING COMMITTEE MEMBERS**

Honorary President

Dr. Suat i. GÜNSEL, Founding Rector of the Near East University

President

Prof. Dr. Hüseyin GÖKÇEKUŞ, Vice Rector ofthe Near East University

Members

Prof. Dr. Ümit HASSAN, Rector ofthe Near East University Prof. Dr. Aysel YONTAR

Dr. Hatice GÖKÇEKUŞ (M.D.) Asst. Prof. Dr. Umut TÜRKER Asst. Prof. Dr. Mesut YALVAÇ Asst. Prof. Dr. Rifat REŞATOGLU Asst. Prof. Dr. Mehmet OKCAN Asst. Prof. Dr. Dudu ÖZKUM Asst. Prof. Dr. Salih GÜCEL

İrfan GÜNSEL

Gürdal HÜDAOGLU

Havva ARSLAN GAZİ

Tümer GARİP

Alp ÖZERK

Ahmet SAV AŞAN

Nesrin MENEMENCİ

Şakir ALEMDAR

Zehra BAŞARAN

Temel RIZZA

Emel TOZLU ASLAN Şifa ABİK

International Conference on Environment: Survival and Sustainability 19-24 February 2007 Near East University, Nicosia-Northern Cyprus

1986

INTERNATIONAL ADVISORY BOARD MEMBERS

A. 1., OLAYINKA A., JAGADEESH Abdul, KHAKEE

Abdullahi Elmi, MOHAMED

Agustin Gonzales Fontes de, ALBORNOZ Ajmal, KHAN

Aleh, RODZKIN

Alex, CHENG

Ayman Abou, HADiD Ayşe, DÖNMEZER Aziz, ERTUNÇ

Belay, TEGENE Çağatay, GÜLER Dana, KOLEVSKA Ed, BOLES

Elizabeth, GONZALEZ Elizabeth, THOMAS-HOPE Ersi. ABACI KALFOGLU Filiz. DiLEK

Furkat, KHASSANOV Gaudelia A., REYES George. CO~ST ANTINOU George, PETRIDES Günay, KOCASOY

Guntis, BRUMELIS Halime, PAKSOY Hallvard, ODEGAARD

Nigeria lndia Germany Somalia

Spain Pakistan Belarus

USA Egypt Turkey Turkey Ethiopya Turkey Macedonia Belize

Uruguay Jamaica

Turkey Turkey Uzbekistan Philippines Cyprus Cyprus Turkey Latvia

Turkey Norway

x

International Conference on Environment: Survival and Sustainability 19-24 February 2007 Near East University, Nicosia-Northern Cyprus

Hasan, ERTEN Hunay, EVLiYA

Ibrahim Abdel Gelil Said, ABDULA İbrahim S., ALNAIMI

İrfan, GÜNEY

Jaco, V ANGRONSVELD Joe, LEWIS

John, SAKA

Lyoussi, BADIAA

M. Nasir, SHAMSUDIN Mahmut Parlak, TUNA Mannar, FAYYAD Manuel Benito, CRESPO Marcel, STIVE Margaret, ZIMBA Mark,BYNOE

Mohsen, HOSSEINI Moneef R., ZOU'BI Mutasem, EL-FADEL Neşet, KILINÇER Nükhet, TURGUT Orhan, ALT AN

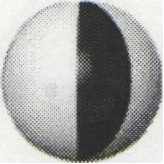
Peyman, YALÇIN

Qasem Abdul, JABER Ramzi, SANSUR Reinhold, STEINACKER Renee, RICHER Richard, MOLES

Şafak, URAL

Selim, KAPUR

|  |
| --- |
| Turkey |
| Turkey |
| Bahrain |
| Qatar |
| Turkey |
| Belgi um |
| Namibia |
| Malawi |
| Morocco |
| Malaysia |
| Turkey |
| Jordan |
| Spain |
| Netherland |
| Zimbabwe |
| Guyana |
| Iran |
| Jordan |
| Lebanon |
| Turkey |
| Turkey |
| Turkey |
| Turkey |
| Palestine |
| Palestine |
| Austria |
| Armenia |
| Ireland |
| Turkey |
| Turkey |
| XI |



International Conference on Environment: Survival and Sustainability 19-24 February 2007 Near East University, Nicosia-Northern Cyprus

|  |  |
| --- | --- |
| 1988 |  |
| Serpil, OPPERMAN | Turkey |
| Seval, SÖZEN | Turkey |
| Sevgi, SARYAL | Turkey |
| Skender, OSMAN! | Albania |
| Songül A., V AIZOGLU | Turkey |
| Tarzan, LEGOVIC | Croitia |
| Tetsuo, YUHARA | Japan |
| Tuluhan, YILMAZ | Turkey |
| Turan, ÖZTURAN | Turkey |
| Ümit, ERDEM | Turkey |
| Valentina, YANKO-HOMBACH | Canada |
| Waleed Khalil, ZUBARI | Bahrain |
| Yigal, RONEN | Israel |
| Zekai, ŞEN | Turkey |
| Zohra Ben, LAKHDAR | Tunisia |

International Conference on Environment: Survival and Sustainability 19-24 February 2007 Near East University, Nicosia-Northern Cyprus

l9B8

SCIENTIFIC COMMITTEE MEMBERS

Ferid, MURAD - Nobel Laureate Richard R., ERNST - Nobel Laureate Yuan T., LEE - Nobel Laureate

USA

Switzerland

Taiwan

A.H.,ZAKRI

Ahmad, MARRAKCHI Alexey Arkady, VOINOV Andrea E., RIZZOLI Andrew, BROOKES

Anne, BUTTIMER Anthony J., JAKEMAN Anwar, NASIM

Barry W., WILSON

Bjarne Bruun, JENSEN Branimir, JOV ANCICEVIC Charles N ., ALPERS

Dan C.C., GALERIU

David A., STAH

Derin, ORHON

Elchin, KHALILOV

Eric, JOHNSON

Esteban G., JOBBAGY Fabian M., JAKSIC

Farhat M., ALI Frederick.I.B., KAY ANJA Gabriele, VOIGT

Galip, AKAY

G-C.,FANG

Malaysia Tunisia

USA

Switzerland Australia Ireland Australia Pakistan

USA

Denmark

Serbia and Montenegro USA

Romania

USA

Turkey Azerbaijan Switzerland Argentina Chile

Pakistan

Uganda Austria

UK

Taiwan

XIII

International Conference on Environment: Survival and Sustainability 19-24 February 2007 Near East University, Nicosia-Northern Cyprus

Geoff, BERTRAM George G., LUNT Gerald, LALOR Germano, MW ABU Giovanni, BARROCU Girja K., SHUKLA Gopal B., THAPA Hanwant B., SINGH Hartmut, FRANK Heila, LOTZ-SISITKA Helen, SCHNEIDER Hillel S., KOREN Hiromi, Y AMASHITA Holmes, ROLSTON Hruska, JAKUB

Irena, TW ARDOWSKA lsfaq, AHMAD J.F.Santos, OLIVEIRA James, DEVILLERS Jaroslav, BOHAC Jennifer, BROWN Jianping, WU

Jim C., BRIDEN

John, DAISH

John, GREGORY

John, HOSKINS

Judith T., ZELIKOFF Jyrki, LIESIVUORI Kaku,NOKOE

Kenneth N ., TIMMIS

|  |
| --- |
| New Zealand |
| UK |
| Jamaica |
| Kenya |
| Italy |
| India |
| Thailand |
| USA |
| Germany |
| South Africa |
| South Africa |
| USA |
| UK |
| USA |
| Chezch Republic |
| Poland |
| Pakistan |
| Portugal |
| France |
| Chezch Republic |
| New Zealand |
| China |
| UK |
| New Zealand |
| UK |
| U.K |
| USA |
| Finland |
| Ghana |
| Germany |
| XIV |

lnternational Conference on Environment: Survival and Sustainability 19-24 February 2007 Near East University, Nicosia-Northern Cyprus

Kristine, W ALRAEVENS Kyaw Tha, PAW U Kyoung-Woong, KiM Luc,HENS

M. Shamsher, ALI Mamdouh, NOUH Manzoor, QADIR Marcel, ARNOULD Marcial, BLONDET Martha C., MONROE Mary, SEELY Mehmet, ERGiN Michael, WILHELM Münür, ÖZTÜRK Muthana, SHANSHAL Naim H., AFGAN

Nicholas, MASCIE-TAYLOR Nicholas, ORNSTON Norhayati Mohd, TAHiR Pall, HERSTEINSSON Patricia, MAURICE

Paul W., JOWITT

Paulo B., LOURENCO

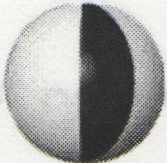
Peter, BRIMBLECOMBE Peter, KRUMBIEGEL

Peter, NOV AK

Philip E., LAMOREAUX Philip M., FEARNSIDE Ravi, JAIN

Richard, ROBINS

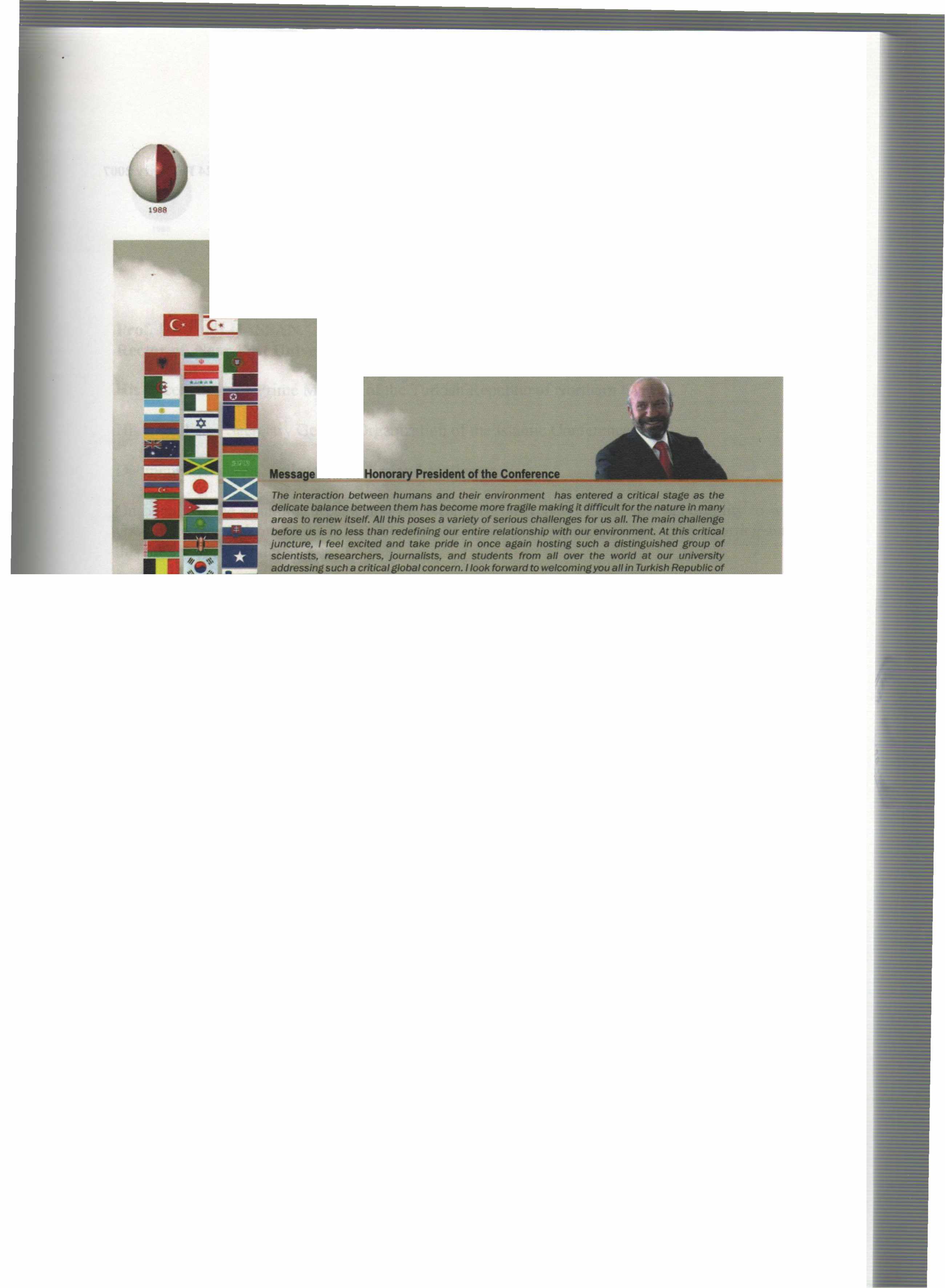
|  |
| --- |
| Belgium |
| USA |
| Korea |
| Belgi um |
| Bangladesh |
| UAE |
| Syria |
| France |
| Peru |
| USA |
| Namibia |
| Turkey |
| Germany |
| Turkey |
| Iraq |
| Portugal |
| UK |
| USA |
| Malaysia |
| Iceland |
| UK |
| UK |
| Portugal |
| UK |
| Germany |
| Slovenia |
| USA |
| Brazil |
| Australia |
| France |
| xv |



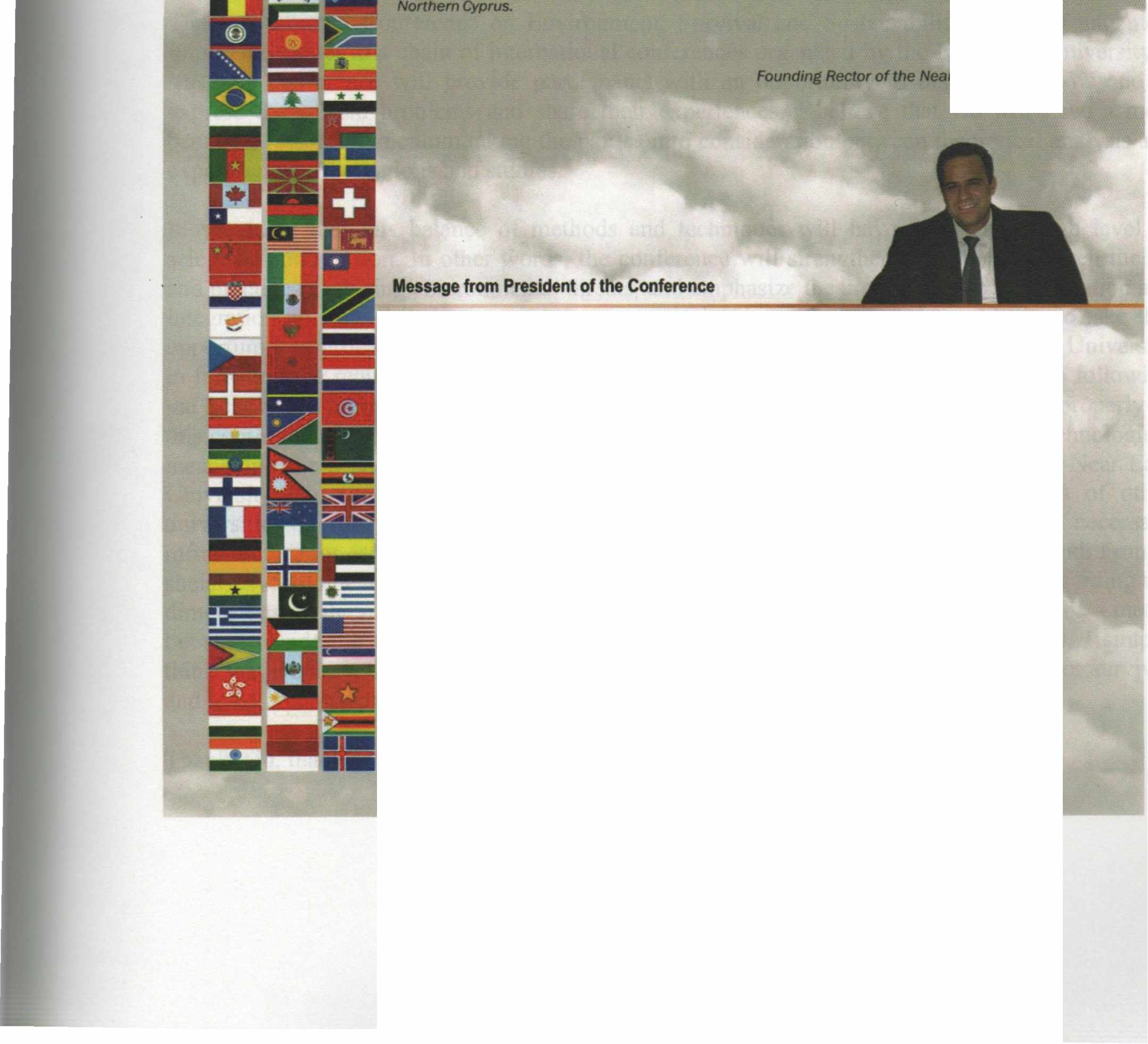
International Conference on Environment: Survival and Sustainability 19-24 February 2007 Near East University, Nicosia-Northern Cyprus

|  |  |
| --- | --- |
| lCJBA |  |
| Robert J., LETCHER | Canada |
| Robert, GIFFORD | Canada |
| Roberto, DAN OV ARO | Italy |
| Saffa B., RIFF AT | UK |
| Sam,KACEW | Canada |
| Sandor,I(ER.EI(ES | *Hungary* |
| Scott, SLOVIC | USA |
| Sevket, DURUCAN | UK |
| Shafıqul 1., BHUIYAN | Bangladesh |
| Shahamat U., KHAN | USA |
| Shian-chee, WU | Taiwan |
| Siaka, SIDIBE | Mali |
| Stephen P., MCCARTHY | USA |
| Tarzan, LEGOVIC | Croatia |
| Tomasz, ZYLICZ | Poland |
| Ulric, ROTT | Germany |
| Vedat, DOYURAN | Turkey |
| Victor G., PRIETO | USA |
| Walid A., ABDERRAHMAN | Saudi Arabia |
| Walter, KOFLER | Austria |
| William.J., MANNING | USA |
| Wiranto, ARISMUNANDAR | Indonesia |
| Zhihong, XU | Australia |

XVI



International Conference on Environment: Survival and Sustainability 19-24 February 2007 Near East University, Nicosia-Northern Cyprus



*it* g/ves me *the utmost pleasure in welcomlng you al/ to* tile *lntemational Conference* • *Etwlronment: Survlva/ and Sustainability" here* at *the Near East Unlılerslty* in *Tlllf<Jsh Republic of* Norttıem Cyptus ıo *be tıeld* at *19-24 February* 2007.

Trıe c:onllııreııce almed at *brlnflng ıogether more than 2,000 scho/ars and researchers from over* 90 countrles *lllOUlld* ttıe *world* IO *dlscuss* envlt'onlnental ıssues *from a varlety of perspectives;* iİndetllne ttıe lmportatıce *ot* tile *need for UIJ(enCy in taklng steps by the intemationat* Of.......,..., --. loca/ auttıorlries *and non-govemmental organ/zat/ons to* move *to a* sustelnable erMnr.menVdeııelopment*model; and* thereby makes *lts conıribution to worldwide debate effort on* .,.,\_,,..ılılılfrtıe tırldfe .between tlleot)I *and* practJce *in* meeting *envfronmentat threafS/challenges.*

Since *our* ıast *lntematlonal* conftw'elıce *on envtronment.* "EIMtonmente/ Problems *of* Uıe Medltenanean *Regıons•, worldwldaetMrorımental disasters* • *well* • *local-"- muıtlplled and envlronmentat degradation and po/fuflon has contlnued.* Whlle majorltrides ,,\_ *ı-n* made in ttıe *world* in *analyzing. understandinf and lnfonnlng* the *publlc* ..,.,.. **ille** ~ clıaHenges *we are facing. we* st/11 *have* a IOtlılf way to go. *Our way ot* life ıs *stil/ far from* • ***8Ultalnllble*** model *and our envlronment contlnues to degrade and deterioraıe due* to *human activltles. The* consequences *can be* seen *in worldwlde environmental disasters* as *well* as *locally* in *our daily* //ves.

*Thls* ıs *fOlfll to be our thlrd lnıemıttiollal conference on Envlronment organlzed by our youn.r* unlversltysJnce *it* was *estBblished in 1988.*

Yours sJnc:erely, ""'· Dr • .....,... **8ilıçelıııt** *Vıce Recıor of the Near Eası Universitv*

XVII

**International Conference on Environment: Survival and Sustainability 19-24 February 2007 Near East University, Nicosia-Northern Cyprus**

**VOLUME3**

**MT-3: CULTURAL HERITAGE AND ENVIRONMENTAL FACTORS**

THE VERNACULAR T ARSUSr!OUSES AS A SAMPLE FOR CUL TURAL HERITAGE

Fehime Yeşim Gürani-TURKEY *(Oral)* ......................................................................••............................................................. 769

ASSESSMENT OF WOOD AS A BUILDING MA TERIAL IN TURKEY IN TERMS OF ENVIRONMENT AL SUST AINABILITY

Saadet Toker, Armağan Korkmaz, Hasan Ş. Haştemoğlu -TURKEY *(Oral)* 781

NEIGHBOURHOOD SUSTAINABILITY: A COMPARATIVE ANALYSIS IN THE NORTHERN AND SOUTHERN SECTORS OF NICOSIA

Derya Oktay, Can Kara - NORHERN CYPRUS *(Oral)* 789

VISUAL POLLUTION DUE TO FUNCTIONAL TRANSFORMATIONS AT EKINCILER STREET IN DIY ARBAKIR, TURKEY

Sule Elhakan, Iclal Aluclu. Fuat Toprak-TURKEY (Oral) 823

AN ANAL YSIS OF THE URBAN MET AMORPHOSIS IN T ARLABASI DISTRICT AND ITS IMPACTS ON THE CULTURAL FORMATION

Özlem Şenyiğit, N. Ferah Akıncı -TURKEY (Oral) 829

THE DETERIORATION REASONS AND REHABILITA TION SUGGESTIONS OF DIY ARBAKIR HISTORICAL HOUSES IN THE CONCEPT OF CUL TURAL HERIT AGE

F. Demet Aykal, Y. Berivan Ozbudak-TURKEY (Oral) 839

EFFECTS OF THE ENVIRONMENT AL FACTORS TO CUL TURAL AND NA TURAL HERITAGE OF PAMUKKALE

Ş. Gülin Beyhan, Mehmet Beyhan -TURKEY (Oral) 851

ECO-DESIGN APPROACH IN FURNITURE DESIGN

Tülay Özdemir - TURKEY *(Oral)* 861

A NEW APPROACH TO INTEGRA TED APPLICATIONS IN CUL TURAL HERITAGE DOCUMENTATION

Z. Duran, G. Toz -TURKEY (Oral) 871

AN ANATOLIAN ANCIENT CUL TURAL HERITAGE, THE MIDAS MONUMENT: AN OVERVIEW

Mustafa Dursun Çaglar, Nazmi Oruç - TURKEY *(Oral)* 881

REHABILIT ATI ON OF HISTORICAL BUILDINGS OF ODUNP AZARI - ESKİŞEHİR - TURKEY

Burhan Sakallı, Hüsnü Kaptan, Aslı Tunçol, Ayşen Aksu, Saye Nihan Çabuk, Nazmi Oruç - TURKEY *(Oral)* 889

AN URBAN OPEN SPACE MODEL FOR MODERN TURKISH REPUBLIC: GAZI FOREST F ARM IN ANKARA

A. Duygu Kaçar - TURKEY *(Oral)* 903

PRE-HISTORICAL LANDSCAPES AND CUL TURAL HERIT AGE OFFSHORE OF THE BAL TIC SEA IN LITHUANIA

Vladas Zulkus - LITHUANIA *(Oral)* 911

THE EXAMINATION OF MADRASA BUILDINGS IN KONYA IN ENVIRONMENT AL, USAGE AND STRUCTURAL LEVEL

Esra Yaldiz, Bahtiyar Eroğlu, Süheyla Siramkaya Büyükşahin - TURKEY *(Oral)* • 917

SECOND HOMES IN A COASTAL AREA-MAHMUTLAR SAMPLE

Elif Gündüz, Rahmi Erdem-TURKEY (Oral) 931

XLVIII

**International Conference on Environment:** Survival **and Sustainability 19-24 February 2007 Near East University, Nicosia-Northern Cyprus**

**1988**

THE IMPORTANCE OF CUL TURE TOURISM IN OWNING HISTORICAL CUL TURE HERIT AGE - KILISTRA SETTLEMENT (TURKEY) CASE

Ü.Gülsüm Ter, Dicle Aydin, Yusuf Ziya Ter-TURKEY (Oral) 941

IZNIK CITY WITH ITS HISTORICAL LANDSCAPE PROPERTIES

Murat E. Yazgan, Canan Cengiz - TURKEY *(Oral)* 955

ARCHAEOLOGICAL SITE PRESENTATION AS AN APPROPRIA TE AND USEFUL MANAGEMENT TOOL: THE EXAMPLE OF UMAN TEPE PRESERVATION AND SITE MANAGEMENT MODEL, IZMIR, TURKEY

Müge Bahçeci -TURKEY (Oral) 963

RELATIONSHIP BETWEEN URBAN REVIATLIZA TION AND SUSTAINABILITY IN HISTORIC URBAN *QUARTERS: TOWARDS A SUSTAINABLE URBAN REVITALIZATION* APPROACH

Şebnem Önal Hoşkara, Beser Oktay Vehbi- NORHERN CYPRUS (Oral) 977

COMP ARISON OF THE INTEGRA TED AND NON-INTEGRA TED PA TTERNS IN *A* SPATIO-TEMPORAL DIMENSION IN THE CONTEXT OF AN ISLAND

Murat ŞAHIN, - TURKEY (Oral) 987

ECONOMETRIC ANAL YSIS OF WORLD HERITAGES' INFLUENCE ON TOURISM DEMANDS

Sukhong YOON, Maengsem KİM, Seunghoe CHOI- KOREA (Oral) 997

THE PHRYGIAN ROCK-CUT ALT ARS AND THEIR RE STORA TION AND CONSERV ATION PROPOSALS

Rahşan TAMSÜ, YusufPOLAT-TURKEY (Oral) 1005

AMA TEUR ARCHAEOLOGY AND ARCHAEOLOOlCAL \'ARK MODEL Al I'EDASA·. THE MAIN SlTE OF THE LELEGIAN CIVILISA TION, ON BODRUM PENINSULA

Adnan DiLER-TURKEY (Oral) 1015

INTEGRA TION OF HISTORICAL MONUMENTS INTO MODERN ENVIRONMENT AND LANDSCAPE IN GERMANY

Marko KIESSEL- TRNC (Oral) 1021

THE INTERACTION DYNAMICS OF WATER AND THE ENVIRONMENT

Mohammad Esmaeil Asadi - IRAN (Oral) 1033

XLIX

Near East University - TRNC Tel: +90 392 223 6464/460 Tel/Fax: +90 392 223 5427 [info@neu.edu.tr](mailto:info@neu.edu.tr) - [www.neu.edu.tr](http://www.neu.edu.tr)