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ENVIRONMENT, MEDICINE AND HEALTH SCIENCES

**Proceedings of the WSEAS International Conference on
Environment, Medicine and Health Sciences
(EMEH '10)**



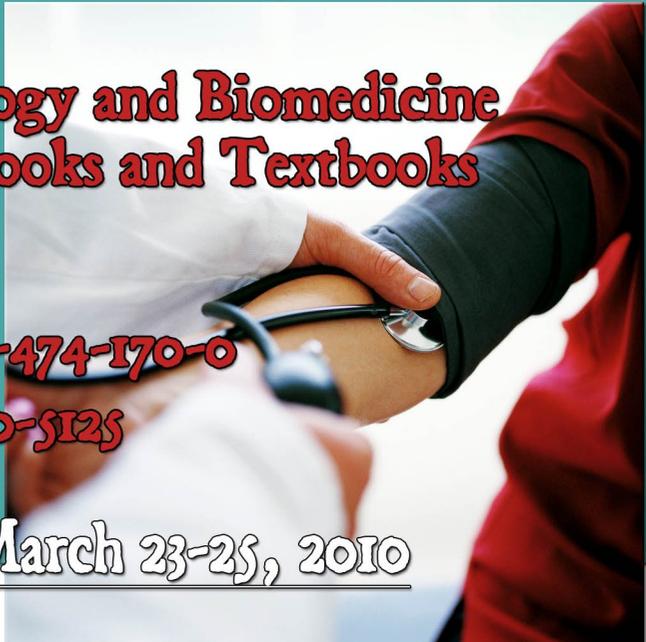
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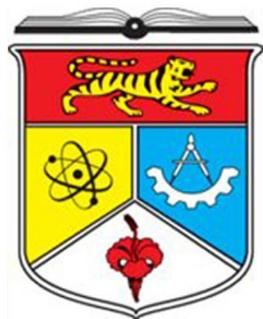
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Preface

This year the WSEAS International Conference on ENVIRONMENT, MEDICINE and HEALTH SCIENCES (EMEH '10) was held in Penang, Malaysia, March 23-25, 2010. The conference remains faithful to its original idea of providing a platform to discuss environmental problems related to health sciences, management of health sciences, hospital management, clinical problems and pathology, genetics, bioethics, open medical problems etc. with participants from all over the world, both from academia and from industry.

Its success is reflected in the papers received, with participants coming from several countries, allowing a real multinational multicultural exchange of experiences and ideas.

The accepted papers of this conference are published in this Book that will be indexed by ISI. Please, check it: www.worldses.org/indexes as well as in the CD-ROM Proceedings. They will be also available in the E-Library of the WSEAS. The best papers will be also promoted in many Journals for further evaluation.

A Conference such as this can only succeed as a team effort, so the Editors want to thank the International Scientific Committee and the Reviewers for their excellent work in reviewing the papers as well as their invaluable input and advice.

The Editors

Table of Contents

Plenary Lecture 1: Electrosmog and Hygienic Limits	11
<i>Frantisek Bozek</i>	
River Water Quality Evaluation in China	13
<i>Wai Cheung Ip, Heung Wong, Bao Qing Hu</i>	
Magnetic Field Around the New 400kV OH Power Transmission Lines in Libya	17
<i>Jamal M. Ehtaiba, Sayeh M. Elhabashi</i>	
Risk Analysis of Infections Caused by Zoonoses of Alimentary Origin in the Selected Region of the Czech Republic	23
<i>Pavla Krejcova, Jiri Dvorak, Frantisek Bozek</i>	
Health Risk from Professional Exposure to Non-Ionizing Electromagnetic Fields at the Observed Garrison	29
<i>Frantisek Bozek, Alena Bumbova, Lukas Kubicek, Alena Langerova, Ales Komar</i>	
Pattern of Cases of Gestational Trophoblastic Diseases among Pregnant Women Admitted to Maternity Teaching Hospital in Erbil City	35
<i>Shahla Karim Al Alaf, Deman Ibrahim Omer</i>	
Trace Metals Concentrations in Some Wild Grown Edible Mushrooms from Wooded Area of Romania	41
<i>Carmen Cristina Elekes, Mihail Dumitru</i>	
Content of Various Forms of Heavy Metals in Soils around a Power Station	45
<i>Saglara Mandzhieva, Tatiana Minkina, Marina Buratchevskaya</i>	
Cu, Pb, and Zn Fractionation Studied by Chemical Extractions in Artificially-Contaminated Soils of the Steppe Zone	48
<i>Tatiana Minkina, Saglara Mandzhieva, Olga Nazarenko, Elena Antonenko</i>	
Validation and Performance Analysis of Binary Logistic Regression Model	51
<i>Sohel Rana, Habshah Midi, S. K. Sarkar</i>	
Study on Current Health Issues in Relation to Athletes Training Conditions	56
<i>Constantin Pehoiu, Andra Georgiana Pehoiu</i>	
Physical Activities and Promoting a Healthy Life Style in New Social and Economic Conditions	62
<i>Constantin Pehoiu, Andra Pehoiu</i>	
Environmental Risk and Interdisciplinary Expertise: The Case of Radiofrequencies and Risk Information	68
<i>Marc Poumadere</i>	
A New Approach for Segmentation of Brain MR Image	74
<i>Alaa M. Riad, Ahmed Atwan, Hazem M. El-Bakry, Reham R. Mostafa, Hamdy K. Elminir, Nikos Mastorakis</i>	

Plenary Lecture 1

Electrosmog and Hygienic Limits



Professor Frantisek Bozek

Co-authors: Alena Bumbova, Alena Langerova, Josef Kellner

Civil Protection Department

University of Defence

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CZECH REPUBLIC

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Abstract: Currently, non-ionizing electromagnetic radiation presents a significant type of emission. It is decisive for risk assessment to measure the values of corresponding dosimetric quantities in places where exposed personnel move and, based on developed scenarios, to compare the exposure of personnel with action values set by the legislature.

Brief Biography of the Speaker:

Born in June 19, 1950 in Vyskov, Czech Republic. He is a graduate from the University of Chemical Technology in Pardubice, branch of study - Macromolecular Substances Technology. After the graduation he was admitted to study for a post-graduate degree of the Academy of Sciences of Czechoslovakia at the Macromolecular Chemistry Research Institute in Brno. He dealt with the problems of ionic polymerization of oxygen heterocyclic compounds. In 1979 he submitted his dissertation and in 1988 he was appointed associate professor at the University of Chemical Technology in Pardubice in the branch called Macromolecular Chemistry. In 1993 he habilitated. In 1978 he started working at the University of the Ground Forces where he was executing the duties of vice-dean of research work for 6 years. In 2002 he was appointed for the post of professor in the branch called Force and Civil Protection. Since 1989 he has been dealing with the problems of the environmental protection focused on waste management, proactive tools of environmental policy and especially risk management, currently at the University of Defence and the Mendel University of Agriculture and Forestry in Brno. He is a member of pilot studies and working groups of NATO, scientific and branch councils and many foreign professional and scientific societies.

Authors Index

Al Alaf, S. K.	35
Antonenko, E.	48
Atwan, A.	74
Bozek, F.	23, 29
Bumbova, A.	29
Buratchevskaya, M.	45
Dumitru, M.	41
Dvorak, J.	23
El-Bakry, H. M.	74
Elekes, C. C.	41
Elhabashi, S. M.	17
Elminir, H. K.	74
Hu, B. Q.	13
Ip, W. C.	13
Komar, A.	29
Krejцова, P.	23
Kubicek, L.	29
Langerova, A.	29
M. Ehtaiba, J. M.	17
Mandzhieva, S.	45, 48
Mastorakis, N.	74
Midi, H.	51
Minkina, T.	45, 48
Mostafa, R. R.	74
Nazarenko, O.	48
Omer, D. I.	35
Pehoiu, A. G.	56, 62
Pehoiu, C.	56, 62
Poumadere, M.	68
Rana, S.	51
Riad, A. M.	74
Sarkar, S. K.	51
Wong, H.	13