THE SIXTH ENVIRONMENTAL SYMPOSIUM OF GERMAN-ARAB SCIENTIFIC FORUM FOR ENVIRONMENTAL STUDIES

AACHEN, GERMANY
OCTOBER, 1 and 2, 2012

Environmental Protection in the Middle East and North Africa
- Water Resources, Air and Soils -

Program

Organized by

GERMAN-ARAB SCIENTIFIC FORUM FOR ENVIRONMENTAL STUDIES
And
DEPARTMENT OF ENGINEERING GEOLOGY AND HYDROLOGY, RWTH
AACHEN UNIVERSITY, AACHEN, GERMANY

Organizers:
German-Arab Scientific Forum for Environmental Studies, Frankfurt am Main, Germany
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Department of Engineering Geology and Hydrology, RWTH Aachen University, Aachen, Germany
(Prof. Dr. Raffq Azzam, Prof. Dr. Thomas Rüde)
Monday, October 1.2012

13:30 – 14:15    Registration
14:15 – 14:30    Opening and welcome

Session 1: Water Resources, Protection and Management (Chairman: Mr. Martin Rother)


15:20 – 15:45    Andreas Renck, Carol Chouchani Cherfane: Shared Water Resources in Western Asia: Contributions by the ESCWA-BGR Cooperation

15:45 – 16:10    Maßmann, J., Huber, M., Hennings, V., Schelkes, K., Droubi, A.: Dissemination and Development of the WEAP-MODFLOW DSS - Lessons Learnt from 5 Years of Experience -

16:10 – 16:40    Break and Poster Presentation

16:40 – 17:05    Heike Neukum (née WERZ), Maren Rapp, Leif Wolf, Wasim Ali, Heinz Hötzl: Artificial recharge in NW-Jordan: Existing Studies and Identification of potential sites


19:00    Conference Dinner
Tuesday, October 2, 2012

Session 2: Air Pollution and Protection (Chairman: Prof. Dr. Boris Bonn)

9:00 – 9:25  Boris Bonn: Effect of air pollution on the emission of plants and local aerosol particle

9:25 – 9:50  Eberhard Reimer: Long Term Transports of PM10 over Tehran Province and Northern Iran


Session 3: Water conflicts (Chairman: Dr. Fawzy Naji)

10:15 – 10:40 Victoria van der Land, Diana Hummel: Climate change, Land Degradation, and Mobility in Mali and Senegal: Examining the Social-Ecological Conditions of Migration

10:40 – 11:05 Fawzy Naji: Water Conflicts in the Middle East: The Jordan River Basin

11:05 – 11:30 Break and Poster Presentation

Session 4: Environmental Protection (Chairman: Dr. Heike Neukum)


12:20 – 12:45 Anika Braun, Christoph Neukum, Rafiq Azzam: Transport of engineered silver nanoparticles through saturated porous media


13:10 – 14:30 Lunch Break
Session 4: Environmental Protection (Chairman: Dr. Kurt Heinrichs)

14.30 – 14:55  Achite Mohammed: Drought Analysis in the lower cheliff – Mina area (Northwest Algeria): Using the PCA method


15:20 – 15:45  Ykhlef Laidani, Salah Hanini, Ghania Henini: Adsorption of phenolic compounds from wastewater using vegetal cords

15:45 – 16:10  Kabri Fatima Zahra, Zatout Ahlam, Imane Yahia Samet, Ouagued Abdallah, Djafer Lahcène: Water treatment by plasticized organic membrane
Poster

ZATOUT Ahlam, KABRI Fatima Zahra, Imane Yahia Samet & OUAGUED Abdallah: Effect of chemical fertilizers on the underground water in EL-AMRA State Ain Defla. Algeria

Ahmed Melegy, Ismael S. Ismael: Paleoenvironmental implications of Messinian Gypsum deposits from the Northern Coast Egypt

Paul Miessner, Thomas R. Rüde: The influence of anthropogenically affected water types on the solubility of Moroccan Jurassic dolomites (Sefrou; Middle Atlas)

Ghania HENINI, Ykhlef LAIDANI, Salah HANINI, Fatiha SOUAHI: A New material for the removal of heavy metals in Aqueous waste

S. ROCHDALE, A. EL MANDOUR, M. JAFFAL, M. HIMI, M. Amrhar, A. Casas: Contribution of the gravimetry to the hydrogeological study of the eastern Haouz plain and Tassaout, Western Morocco


Fathi Elosta: Proposed study in the environmental geological to explore for oil shale valley Tanezzuft Murzuq basin for use in power generating in Libya

F. Guitarni, A. Djafer, S. Kouadri Moustefai: BIODEGRADATION OF RED BIMACID DYE BY IMMOBILIZED CELLS ON POUZZOLANA FIXED BED

Naïma BETTAHAR, Soumia KOUADRI MOUSTEFAI: - The factors of nitrate leaching in semi-arid zones - Case of the valley of the Middle Western Cheliff (North Algeria)

Wahiba Mahouche, Soumia Kouadri Moustefai, Mustapha Douani: Numerical modeling of atmospheric pollutants dispersion

Imane Yahia Samet, ZATOUT Ahlam, KABRI Fatima Zahra & OUAGUED Abdallah: Physical-chemical analysis of leachate from domestic waste to the town of Chlef (Discharge Meknassa

BEN MESSAOUD Btissam, ABOUMERIEME Imane, LAHRACH Zakaria, ISMAILI Mohammed, IBIJBIJEN Jamal & NASSIRI Laila: BIOFERTILIZERS: A way to fight against soil pollution