

ICT for Natural Resource Management

18 - 19 November 2009, Amman, Jordan

Under the patronage of the
Minister of Environment

His Excellency Khalid Irani

The presidents of the
German-Jordanian and
Yarmouk Universities

Cordilly invites you to
attend

***ICT for Natural
Resource Management***

AND

***EU Tempus project:
Knowledge and
information
Dissemination***

DATES: 18 – 19/ 11, 2009

VENUE: Le Royal Hotel

Day 1: Wednesday, November 18, 2009

9:00 am	Registration
09.45 am – 10:30 am	Opening <ul style="list-style-type: none"> • Welcome message: <i>German-Jordanian University, Yarmouk University</i> • Dr. Ralf Denzer, Hochschule für Technik und Wirtschaft des Saarlandes • His Excellency Patrick Renaud – Ambassador/Head of EU Delegation • His Excellency Khaled Irani, Minister of Environment
10.30 am – 11.00 am	Coffee Break
11.00 am – 11.40 am	Session 1: INVITED LECTURE <ul style="list-style-type: none"> ○ <i>Jiri Hradec, Czech Republic</i> The right for the right information – or Challenges of eGovernment in Practice
11.40 am – 01.00 pm	Session 2 <ul style="list-style-type: none"> ○ <i>Maria Khirfan, Jordan</i> <ul style="list-style-type: none"> ▪ The Role of Remote Sensing Techniques in Flood Monitoring: Case Study: Aqaba Flash Flood - Jordan ○ <i>Ralf Denzer, Germany</i> <ul style="list-style-type: none"> ▪ A Modern Information Management Platform for Urban Decision Support ○ <i>Gerald Schimak, Austria</i> <ul style="list-style-type: none"> ▪ Lessons Learnt in large scale IT Applications related to Risk Management ○ <i>Mohammed Nazzal, Jordan</i> <ul style="list-style-type: none"> ▪ Surface Water Hydrological Characterization and Modelling Of Amman Zarqua Basin
01.00 pm – 02.00 pm	Lunch
02.00 pm – 03.20 pm	Session 3 <ul style="list-style-type: none"> ○ <i>Mahmoud M. S. Albattah, Jordan</i> <ul style="list-style-type: none"> ▪ Practical Application of Satellite Remote Sensing as a Source of Information and a Tool of Assessment, Mapping and Monitoring ○ <i>Steven. P. Frysinger and Nigel W.T. Quinn, USA</i> <ul style="list-style-type: none"> ▪ Engaging Stakeholders in Environmental Decision Support System Development: Key Principles with Water Resource Management Examples ○ <i>Cyrille Bertelle, France</i> <ul style="list-style-type: none"> ▪ Complex Systems Modeling for Environment and Risk Management: A Survey ○ <i>Ahmed Ali Uleimat, Jordan</i> <ul style="list-style-type: none"> ▪ Watershed Management in Jordan



03.20 pm – 03.40 pm	Coffee break
03:40 pm – 06.00 pm	Session 4 <ul style="list-style-type: none"> ○ <i>Muna Albanna</i>, Jordan <ul style="list-style-type: none"> ▪ The Application of Artificial Neural Networks to Model Greenhouse Gases in Landfill Covers ○ <i>Fahem Kebair</i>, France <ul style="list-style-type: none"> ▪ Towards a MultiAgent System for Crisis Management ○ <i>Michel Nabaa</i>, France <ul style="list-style-type: none"> ▪ A Biased Random Walk Algorithm To Assess Road Network Use Vulnerability ○ <i>Odeh R. Al-Jayyousi</i>, Jordan <ul style="list-style-type: none"> ▪ The good and bad sides of ICT for the Environment ○ <i>Rawan Gnemath</i>, Jordan <ul style="list-style-type: none"> ▪ A methodology to Model Service-Users Interaction for Urban Planning Using Geographic Information System (GIS) and Swarm Intelligence Algorithms
06:00 pm – 06:30 pm	Closing

Day 2: Thursday, November 19, 2009	
09.00 pm – 12.00 pm	Dissemination and Knowledge/ Information Sharing – GJU - EU tempus project: <i>Establishing Quality, Relevant and Collaborative Industry-Oriented IT Education</i> <ul style="list-style-type: none"> ○ <i>Rainer Herpers</i>, Germany <ul style="list-style-type: none"> ▪ Practices in International Cooperation in IT Education ○ <i>Adi Anani</i>, Sweden <ul style="list-style-type: none"> ▪ linking e-learning with environmental benefits ○ <i>Gerhard Kraetzschmar</i>, Germany <ul style="list-style-type: none"> ▪ Improved sustainability through ambient and mobile intelligence ○ <i>Tapio Varis</i>, Finland <ul style="list-style-type: none"> ▪ Digital competence and multicultural cooperation ○ <i>Salem Al-Agtash</i>, Jordan <ul style="list-style-type: none"> ▪ Dissemination of Project Results: Lessons in Curricula development, Staff exchanges, Student exchanges, and Internships
12:00 pm –	Networking and individual meetings