



G I S

اللجنة العليا لأنظمة المعلومات
الجغرافية بالمنطقة الشرقية



المملكة العربية السعودية
وزارة الداخلية
إمارة المنطقة الشرقية

Under the Patronage of His Royal Highness
Prince Mohammad bin Fahd bin Abdulaziz
the Governor of the Eastern Province

The High Committee of Geographic Information
Systems at the Eastern Province in Saudi Arabia

is pleased to organize

The Fourth National GIS Symposium in Saudi Arabia

May 4 - 6, 2009

Eastern Province, Saudi Arabia

Pre-Symposium Workshops

DAY 1

**Saturday May 2, 8:00 AM to 5:00 PM,
Le Gulf Meridian Hotel in Al-Khobar**

Workshop 1:

From Desktop GIS to Enterprise Location Intelligence; Architecture and Open Standards

Team from Pitney Bowes and Geographic Technology Trading

This workshop will focus on the technical and operational aspects of the shift from desktop GIS to open, enterprise grade Location Intelligence. There will also be an in-depth explanation of some of MapInfo's core products and how they can be deployed for maximum return on investment.

Workshop 2:

How to Implement an Enterprise ArcGIS Project, an Operational Management Perspective

Dr. Mounzer, ESRI, USA

This seminar will focus on GIS project implementation tasks using real-life examples. The seminar will focus on the operational and technical project management activities required for an enterprise ArcGIS project implementation. The methodology to be discussed is centered on five major tracks: Planning, Design, Development, Deployment, and Operation & Maintenance.

Workshop 3:

Introduction to ArcGIS Server Image Extension

Mr. Muthurakku Rasu, ESRI, USA

This workshop will show how to manage and serve image data using ArcGIS Server Image Extension. The workshop will also show how to generate derivative raster files, and service overviews, apply compressions, access geometric and image processing techniques, and access image services through Image Server Viewer and ArcMap.

Workshop 4:

Introduction to Arc Hydro

Mrs. Hiba Tiro, Arabian Geosystems, Riyadh

This workshop will focus on using GIS in general and Arc Hydro in particular for surface water resources management.

DAY 2

Sunday May 3, 8:00 AM to 5:00 PM,
Le Gulf Meridian Hotel in Al-Khobar

ورشة عمل ٥ :

الخطوات العملية التطبيقية في بناء قواعد البيانات الجغرافية

المدربة : أ. حنان بنت عبداللطيف الغيلان - جامعة الملك سعود

تهدف إقامة الورشة بتعريف المهتمين بتقنية نظم المعلومات الجغرافية وأهم الخطوات الأساسية لبناء قاعدة بيانات جغرافية



DAY 2

**Sunday May 3, 8:00 AM to 5:00 PM,
Le Gulf Meridian Hotel in Al-Khobar**

Workshop 6:

ArcGIS Desktop: GIS Workflows and Analysis

Mr. Muthurakku Rasu, ESRI, USA

This workshop is designed for experienced ArcGIS users who want to learn more about the ArcGIS tools for creating and editing data and GIS analysis.

Workshop 7:

Introduction to SUMMIT EVOLUTION Digital Photogrammetric Workstation

Mr. Yates and Mr. Bredlie, DAT/EM Systems International, Alaska, USA

This workshop will focus on flagship product Summit Evolution and its photogrammetric and mapping modules: CAPTURE, MAP/EDITOR, TERRAIN VISUALIZER, CONTOUR CREATOR, ORTHOPHOTO & MOSAIC, and LANDSCAPE.

Workshop 8:

Data Fusion for GIS and Remote Sensing in Multi-Sensor Mapping Environment

Dr. Ehlers, University of Osnabrueck, Germany

This workshop will focus on data integration and fusion techniques that can be used to improve the information content within the workflow of a multi-sensor mapping environment.

Workshop 9:

Introduction to Geodatabase Data Modeling

Dr. Mounzer, ESRI, USA

This workshop is designed for GIS Geodatabase data modelers, database designers, and analysts who are experienced ArcGIS users

For more information, please visit the symposium website at:
www.saudigis.org