



# Symposium Schedule

Fifth National GIS Symposium in Saudi Arabia

April 26 – 28, 2010

Le Meridian, Al-Khobar – Eastern Province

**Monday April 26, 2010**

8:00 – 4:00	<b>Registration</b>
8:00	<b>Registration, Refreshments, and Networking</b>
8:45 - 9:00	<b>Opening Remarks</b>  <b>Keynote Session I:</b> <b>Session Chair: Dr. Naser El-Sheimy</b> , Canada Research Chair and Scientific Director of Tecterra, The University of Calgary
9:00 - 9:30	<b>Keynote Speech I:</b> <b>Speaker:</b> Mr. Jack Dangermond, President, ESRI Inc. <b>Speech Title:</b> GIS Applications, Vision, and Emerging Technical Trends.
9:30 - 10:00	<b>Keynote Speech II:</b> <b>Speaker:</b> Mr. John K. Graham, President, Security, Government & Infrastructure, Intergraph Corporation <b>Speech Title:</b> Innovations in service delivery: How Intergraph geospatial technology enables ground breaking security and efficiency outcomes.
10:00 - 10:30	<b>Keynote Speech III:</b> <b>Speaker:</b> Mr. Ed Parsons, Geospatial Technologist, Google. <b>Speech Title:</b> The Annotated World, Taking GIS Beyond the Map
10:30 - 11:00	<b>Keynote Speech IV:</b> <b>Speaker:</b> Mr. Brad Schmidt, PCI Geomatics, Canada <b>Speech Title:</b> High Speed Image Processing Using Advanced Hardware Architectures
11:00 - 11:30	<b>Q &amp; A Session</b>
11:30 - 1:00	<b>Networking Break &amp; Prayer</b>
1:00 - 2:00	Opening Ceremony
2:00 - 2:30	Exhibit Opening
2:00 - 3:30	<b>Lunch &amp; Prayer</b>
3:30 - 4:00	<b>Keynote Session II:</b> <b>Session Chair: Dr. Abdullah Al-Garni</b> , King Saud University  <b>Keynote Speech V:</b> <b>Speaker:</b> Prof. Michael Goodchild, University of California, Santa Barbara, USA <b>Speech Title:</b> The Changing Face of GIS.
4:00 - 4:30	<b>Keynote Speech VI:</b> <b>Speaker:</b> Prof. Sameer Abu Eisheh, An-Najah National University, Palestine <b>Speech Title:</b> Defining a Spatial Structure Model for Public Service Centers in the Palestinian Territories using GIS.
4:30 - 5:00	<b>Keynote Speech VII:</b> <b>Speaker:</b> Dr. Naser El-Sheimy, The University of Calgary <b>Speech Title:</b> Street Level Mapping: The New Perspective for GIS Applications.
5:00 - 5:30	<b>Keynote Speech VIII:</b> <b>Speaker:</b> Dr. Vivek Shandas, Portland State University, USA <b>Speech Title:</b> Towards an Integrated GIS Approach to Urban Water Management.

5:30 - 6:00	<b>Q &amp; A Session</b>
6:30 - 7:30	ESRI Welcome Cocktail Party with Jack Dangermond

## Tuesday - April 27, 2010

8:00 - 4:00	<b>Registration</b>
8:00 - 9:30	<p><b>Technical Session 1: Mapping, Modeling, and Data Management</b> Session Chair: Dr. Mohamed Abdulaziz, King Saud University</p> <p><b>The Significance of GPS Network Solution over GPS Baseline Solution in Establishing Geodetic Control Points for Constructing a 450km Highway Project in Yemen: a Practical Case Study</b> Dr. Yahia Al-Haifi, Sana'a University, Yemen.</p> <p><b>Mapping road surface condition using Unmanned Aerial Vehicle-Based Imaging System</b> Dr. Ahmed F. Elaksher, Qatar University, Doha, Qatar.</p> <p><b>GIS For Historical Action Area Modeling</b> Prof. Ayman Ismail, Urban Planning and Modeling, Fayoum University, Egypt.</p> <p><b>Building geospatial information system using IKONOS and SPOT images; creation of three dimensional model for the higher council of youth, Amman area, Jordan.</b> Dr. Eyad Fadda, Dr. Abdallah Dosari, and Dr. Nedal Al-Hanbali, King Saud University, Riyadh, KSA.</p> <p><b>Oracle Spatial integration with ESRI products</b> Mr. Abdulaziz Kaabi, Saudi Aramco, KSA.</p>
9:30 - 10:00	<b>Break</b>
10:00 - 11:30	<p><b>Plenary Session 1: The GIS Experience</b> <b>Session Chair: Dr. Ramze Elzahrany</b>, Umm Al-Qura University, KSA.</p> <p style="text-align: center;"><b>دور هيئة المواصفات والمقاييس والجودة في اعتماد ونقل وتوطين مواصفات نظم المعلومات الجغرافية وتطبيقها</b> أ. نبيل بن أمين ملا، معالي محافظ الهيئة السعودية للمواصفات والمقاييس والجودة - المملكة العربية السعودية</p> <p><b>"Qatar's Nation-Wide GIS", the Success Story</b> Dr. Mohamed Abd El Wahab Hamouda, Head of Planning and Projects Division, Centre for GIS, State of Qatar.</p> <p style="text-align: center;"><b>مفهوم الاتجاهات الجغرافية في القران الكريم</b> د. عبدالله القاضي - جامعة الملك فيصل، الدمام - المملكة العربية السعودية</p>
11:30 - 1:30	<b>Prayer &amp; Lunch</b>
1:30 - 3:00	<p><b>Technical Session 2: Vendors Track</b> <b>Session Chair: Dr. Baqer Al-Ramadan</b>, King Fahd University of Petroleum and Minerals, KSA.</p> <p><b>ArcGIS 10: Latest Developments and Capabilities</b> Mr. Dean Angelides, Director, International Operations, ESRI, USA</p> <p><b>All-in-One Systems for Airborne Remote Sensing</b> Mr. Tahir Shafiq, Applanix Corporation, Canada.</p>

	<p><b>What's new in ERDAS</b> Mr. Dean McCormick, Regional Manager - Middle East and Africa, ERDAS Inc., USA.</p> <p><b>GIS, GPS, and GSM to Enhance Field Force Management Solutions</b> Mr. Anis Balaa, General Manager, GeoVision, Lebanon.</p> <p><b>Public Safety Location Intelligence in Changing Times with Unchanging Principles</b> Mr. Chris Clarke, Director Business Development - EMD, Pitney Bowes Business Insight</p>
3:00 - 3:30	<b>Break</b>
3:30 - 5:00	<p><b>Technical Session 3: GIS Planning and Applications</b> <b>Session Chair: Dr. Ahmed Wagih Abdellatif</b>, Dar Al-Handssah, Riyadh, Saudi Arabia</p> <p><b>Why Some GIS Projects Fail</b> Mr. Abdulsalam Abdulah Abdulaal, ITVP Consultant, STC, KSA.</p> <p><b>GIS Application System for City Planning – Participatory GeoDesign, Planning 2.0, and Smart Growth</b> Dr. Ahmed Abukhater, Global Industry manager, ESRI, USA.</p> <p style="text-align: center;"><b>"تفعيل دور نظم المعلومات الجغرافية في الجمعيات الخيرية حالة دراسية" مكافحة التدخين</b> المهندس باسل عبدالله الفوزان – جامعة الملك سعود، الرياض - المملكة العربية السعودية</p> <p><b>Use of GIS within Web-Based Diabetes Registry</b> Ms. Shazia Naz Subhani, King Faisal Specialist and Research Center, Riyadh, KSA.</p> <p style="text-align: center;"><b>أهمية الصور الفضائية والخرائط الرقمية في تنمية الغطاء النباتي وأثره على السياحة البيئية في منطقة حيزان</b> د. أمال يحيى الشيخ – جامعة الملك عبدالعزيز، جدة - المملكة العربية السعودية</p>
6:30 - 8:30	Field Trip to Sultan Bin Abdulaziz Science & Technology Center (SciTech)

### Wednesday - April 28, 2010

8:00 – 10:00	<b>Registration</b>
8:00 - 9:30	<p><b>Technical Session 4: GIS and Environmental Detection of Change</b> <b>Session Chair: Dr. Khalid Al-Ahmadi</b>, King Abdulaziz City for Science and Technology (KACST).</p> <p><b>Assessment of Three Change Detection Techniques in FORT MCMURRAY in Alberta Canada</b> Mr. Mazen Al-Sadat, Sulakshmi Das, and Prof. Naser El-Sheimy, University Of Calgary, Alberta, Canada.</p> <p style="text-align: center;"><b>التعرف على خصائص المناطق العشوائية في منطقة حازان باستخدام الصور الفضائية</b> المهندس حسين بن علي المعشني – الكلية التقنية، الرياض - المملكة العربية السعودية</p> <p><b>Detection of Salt affected area using satellite Image processing</b> Eng. Faheem Iqbal, National University of Sciences and Technology, Islamabad, Pakistan.</p> <p><b>Geographic Information System for assessing the activity of red palm weevil <i>Rhynchophorus ferrugineus</i> (Olivier) the date palm oasis of Al-Hassa, Saudi Arabia</b> Mr. Massoud Massoud, Mr. J. R. Faleiro, Mr. Mahmoud Abo El-Saad and Mr. Essa Sultan, King Faisal University, Al-Hassa, Saudi Arabia.</p> <p><b>Utilizing Historical Maps in Retrieving Historical Locations Using GIS</b> Dr. Abdullah Al-Kadi, King Faisal University, Dammam, Saudi Arabia</p>

9:30 - 10:00	<b>Break</b>
10:00 - 11:30	<p><b>Technical Session 5: Mobile GIS and Web Services</b>  <b>Session Chair: Dr. Nedal Al-Hanbali</b>, GIS Section Head, Western Region Municipality, Abu Dhabi, UAE.</p> <p><b>GIS in Web 2.0 Era</b>  Mr. Abdulsalam Abdulah Abdulaal, ITVP Consultant, STC, KSA.</p> <p><b>Development of a Mobile GIS Platform Using Web Services Technologies: Spatial data Management and Geovisualisation</b>  Eng. Abdelilah Azyat, Prof. Dr. Naoufal Raissouni, Eng. Nizar Ben Achhab, Eng. Asaad Chahboun, Eng. Mohamad Lahraoua, Abdelmalek Essaadi University, Tetuan, Morocco.</p> <p><b>A Mobile GIS Traveler Guide Utilizing MMS</b>  Mr. Naveed Ahmed, National University of Science and Technology, Islamabad, Pakistan.</p> <p><b>A GIS-Based Framework for the Evaluation of Seismic Geo- Hazards in the Greater Cairo Area</b>  Dr. Sayed Moustafa, Mr. Mohamed Metwaly, and Mr. Nasser Al-Arif, King Saud University, KSA.</p> <p style="text-align: center;"><b>تطبيق إنشاء قاعدة بيانات جغرافية مؤسسية للمخطط الإقليمي لمنطقة مكة المكرمة</b>  د. سامي بن ياسين برهمين - أمين عام هيئة تطوير مكة المكرمة والمشاعر المقدسة - مكة المكرمة - المملكة العربية السعودية</p>
11:30 - 1:30	<b>Prayer &amp; Lunch</b>
1:30 - 3:00	<p><b>Technical Session 6: GIS and Remote Sensing Applications</b>  <b>Session Chair: Dr.-Eng. Hisham M. GADOU</b>, University of Dammam, Saudi Arabia</p> <p style="text-align: center;"><b>النمذجة المكانية الزمنية لمسبات التصحر في مزارع الصليبية بالكويت – دراسة تطبيقية في الجيومعلوماتية</b>  أ.د. محمد الخزامي عزيز و د. عبدالله رمضان الكندري – قسم الجغرافيا – جامعة الكويت</p> <p><b>Flooding Risk Analysis Of The Central Part Of Western Saudi Arabia Using Remote Sensing Data</b>  Mr. Mohamed Metwaly, Mr. Eslam El-Awadi, and Dr. Nasser Al-Arifi, King Saud University, KSA.</p> <p style="text-align: center;"><b>RS والاستشعار من البعد GIS تحليل وتفسير الموجات الباردة الممطرة باستخدام نظم المعلومات الجغرافية</b>  أ.د.عبدالقادر عبدالعزيز و م. عبدالناصر رشاش علي – قسم الجغرافية، جامعة طنطا – مصر</p> <p><b>Comparison between Pixel Based Classification and Object Base Feature Extraction Approaches For a Very High Resolution Remote Sensed Image</b>  Ms. Marwa Bokhary, Jedda, Saudi Arabia</p> <p style="text-align: center;"><b>استخدام نظم المعلومات الجغرافية في التطبيقات البلدية</b>  م. مريم بلخير – الجزائر</p>
3:00 - 3:30	<b>Break</b>
3:30 - 4:00	<p><b>Closing Session:</b>  Chair: Dr. Abdullah Al-Kadi, Chairman of the Organizing Committee</p>