



Adelaide
South Australia

Spatial Diversity

Spatial Diversity

Registration Brochure

**Surveying & Spatial Sciences Institute
Biennial International
Conference 2009**

**28 September – 2 October 2009
Adelaide Convention Centre
Adelaide, Australia**

Important Dates

Early Bird Registration Deadline: 21 August 2009

Accommodation Booking Deadline: 21 August 2009



www.ssc2009.com



Invitation from the Convenor

Dear colleagues and friends

It is with great pleasure that I invite you to attend SSC2009: the Biennial International Conference of the Surveying and Spatial Sciences Institute (SSSI) to be held in Adelaide, South Australia, Australia from 28 September to 2 October 2009.

The Surveying and Spatial Sciences Institute was recently formed when members of the Spatial Sciences Institute and the Institution of Surveyors voted to merge. SSSI brings together the best of the two bodies, and strengthens the voice of spatial professionals in Australia and New Zealand. The SSC biennial conference, previously an event of the SSI, will continue with the new Institute, and we are confident that the inaugural SSSI conference in Adelaide will be the biggest and best yet.

The biennial conference is the premier event for surveying and spatial sciences in the Australasian region. It attracts a large and diverse audience and in 2009 will embrace a new format. The South Australian regional committee for the Surveying and Spatial Sciences Institute is very excited about the event, which will provide cutting edge developments in the application of spatial science to a diverse set of disciplines, communities and people: indeed this diversity is the inspiration for the conference theme of Spatial Diversity.

The conference theme will be delivered to you via plenary and keynote presentations, technical papers, symposia, workshops, competitions, awards, dinners, lunches, coffee, exhibitions, breakfasts, walks and talks. We are attracting key players in the industries where spatial information is so important – environment, mining, defence, land administration, agriculture, disaster management and more. Together with these people we are engaging a large range of exhibitors of technology and applications. This will all be delivered to you in one of the world's best convention centres, right in the heart of a very friendly city.

In addition to the many attractions that the city of Adelaide has to offer, Adelaide is also the gateway to a range of regional touring experiences. From here you can visit our renowned wineries, take in the wonders of our natural habitats in places like Kangaroo Island, the Flinders Ranges, or the Great Australian Bight where the fishing and whale watching are second to none.

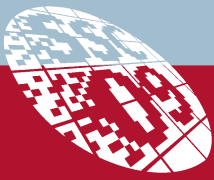
I sincerely trust that you will join us at SSC2009 and that you plan now for Adelaide, South Australia, 28 September – 2 October, 2009.

Associate Professor David Bruce
SSC2009 Convenor

Organising Committee

David Bruce (Convenor)	Jason Dreimanis
Penny Baldock	Gary Maguire
Mike Burdett	Bertram Ostendorf
James Cameron	Richard Retallack
Paul Corcoran	Dimity Watson
James Curnow	





Keynote Speakers



Prof. Kristen Kurland
Carnegie Mellon University, Pittsburgh

Kristen Kurland holds a joint faculty appointment between Carnegie Mellon University's H. John Heinz III College and School of Architecture. In addition to her full time position at CMU, she is the president of a local consulting firm that has implemented computer technology programs in numerous organizations since 1989. Her clients include architects, engineers, hospitals, universities, corporations, as well as local, state, and federal governments.

Kurland's research focuses on interdisciplinary collaborations in health, the built environment, and spatial analysis using geographic information systems (GIS.) She works closely with the School of Architecture's Remaking Cities Institute and Heinz College colleagues and students on urban design, economic development, and sustainability issues. She actively collaborates with the University of Pittsburgh Graduate School of Public Health, Children's Hospital of Pittsburgh, University of Pittsburgh Medical Center, and the RAND Corporation.

Ms. Kurland received the Heinz School's Martcia Wade award for teaching excellence in 2005. She also received the 1998, 2000, and 2003 Excellence in Education award from ARCHIBUS, Inc. for her CAFM teaching programs in the community and at Carnegie Mellon.

Kristen Kurland is also the co-author of a series of best selling GIS books for ESRI Press and Thompson Publishing, including GIS Tutorial Workbook, GIS Tutorial for Health, Learning and Using GIS: ArcExplorer Edition, and Learning and Using GIS: ArcGIS Edition.



Ed Parsons
Google UK

Ed Parsons is the Geospatial Technologist of Google, with responsibility for evangelising Google's mission to organise the world's information using geography, and tools including Google Earth, Google Maps and Google Maps for Mobile.

Ed was the first Chief Technology Officer in the 200-year-old history of Ordnance Survey, and was instrumental in moving the focus of the organisation from mapping to Geographical Information.

Ed came to the Ordnance Survey from Autodesk, where he was EMEA Applications Manager for the Geographical Information Systems (GIS) Division. During his tenure, he helped Autodesk to become one of the key providers of GIS software. Earlier in his career he was a Senior Lecturer at Kingston University, where he helped establish Europe's first undergraduate course in GIS.

He earned a Masters degree in Applied Remote Sensing from Cranfield Institute of Technology and is a fellow of the Royal Geographical Society, London. He is the author of numerous articles, professional papers and presentations to International Conferences, and has developed one of most popular Weblogs in the Geospatial Industry, www.edparsons.com.



Kevin D. Pomfret
Open Geospatial Consortium

Kevin is a business lawyer with a focus on Spatial Law – the legal and policy issues associated with spatial data and spatial technology including, intellectual property rights, licensing, liability, privacy and national security. He regularly counsels businesses on licensing and distribution agreements, mergers and acquisitions and regulatory issues and consults with government officials on developing legal and policy frameworks to support spatial data infrastructures. Kevin is a member of the Board of Directors of the Open Geospatial Consortium. He writes and speaks extensively on spatial law and technology and teaches a class on Spatial Law in masters-level program for GIS professionals. He has been recognized as a Virginia "Super Lawyer" and a member of Virginia's "Legal Elite."

Prior to attending law school, Kevin served as a satellite imagery analyst with the U.S. government. In that capacity he developed an imagery collection strategy to monitor critical arms control agreements. He also served as the special assistant to the U.S. government official responsible for developing the Intelligence Community's satellite imagery collection and exploitation requirements.

Spatial Diversity

Invited Speakers

Andrew Campbell – Triple Helix Consulting, Australia.

Dr Steve Carver – School of Geography, University of Leeds, UK.

Professor Mark Daniel – School of Health Sciences, University of South Australia.

Dr Graham Harris – Lancaster Environment Centre, Lancaster University, England.

Professor Henry Nix – Australian National University, Australia.

Dr Russell Priebbenow – Department of Natural Resources and Water, QLD, Australia.

Richard Thackway – Bureau of Rural Sciences, Canberra, Australia.



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Proceedings of the Surveying & Spatial Sciences Institute Biennial International Conference Adelaide 2009

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Editors:

Bertram Ostendorf¹, Penny Baldock²,
David Bruce³, Mike Burdett⁴, Paul Corcoran³

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Responsibility for the contents of these papers rests upon the authors and not on the Surveying and Spatial Sciences Institute.

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28 September – 2 October 2009 - Adelaide Convention Centre, Adelaide, Australia

Edited by

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Hi Shane
Are you able to complete eprints and attach cover sheet and paper and return this to me. Ta Juanita
Done, Shane 20/11/09

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