

CURRICULUM VITAE

Associate Professor ABBAS RAJABIFARD

PhD (Melb), MSc (ITC), Postgrad-Dipl (ITC), BSurv (KNT),
MIEAust., MSSIAust., MISAust, MMSIAust.

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The University of Melbourne

2012

CURRICULUM VITAE

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DATE OF BIRTH: 23 August 1966

EDUCATION:

Oct. 1998-2002	PhD Engineering (Geomatics) The University of Melbourne, AUSTRALIA
Jan. 1993-Dec. 1993	MSc Integrated Map and Geoinformation Production (with High Distinction), International Institute for Aerospace Survey and Earth Sciences (ITC), Enschede, NETHERLANDS
Jan. 1992- Dec. 1992	Postgraduate Diploma Production Photogrammetry (with High Distinction), International Institute for Aerospace Survey and Earth Sciences (ITC), Enschede, NETHERLANDS
Sept. 1986-Dec. 1990	BSc Surveying Engineering, K.N. Toosi University, Tehran, IRAN

PROFESSIONAL EXPERIENCE AND APPOINTMENTS:

Jan. 2012 – Current	Professor and Head, Department of Infrastructure Engineering, Director Centre for Spatial Data Infrastructures and Land Administration, Department of Infrastructure Engineering, The University of Melbourne, AUSTRALIA
October 2011-December 2011	Professor (Geomatics) and Director Centre for Spatial Data Infrastructures and Land Administration, Department of Infrastructure Engineering, The University of Melbourne, AUSTRALIA
Jan. 2011 – September 2011	Associate Professor, Department of Geomatics and Director Centre for Spatial Data Infrastructures and Land Administration,

	Department of Infrastructure Engineering, The University of Melbourne, AUSTRALIA
Jan. 2007 – December 2010	Associate Professor, Department of Geomatics and Director Centre for Spatial Data Infrastructures and Land Administration, Department of Geomatics, University of Melbourne, AUSTRALIA
Oct. 2001 – Dec. 2006	Deputy Director and Post-Doctorate Research Fellow (2001-2003) and Senior Research Fellow (since 2004) Centre for Spatial Data Infrastructures and Land Administration, Department of Geomatics, University of Melbourne, AUSTRALIA
	Professional duties includes coordinate research activities of the Centre for Spatial Data Infrastructures and Land Administration; Postgraduate supervision; and support research activities with external research partners.
June 2009 –	President, Global Spatial Data Infrastructure (GSDI) Association, A leading international association in the development of spatial information and management.
June 2009 -	Member, International Joint Board of Geospatial Information Societies (JBGIS).
Oct. 2009 –Oct. 2010	Member, Development Committee, School of Engineering, The University of Melbourne.
Jan 2010 -	Postgraduate Higher Degree Research Coordinator (Geomatics) and Member, Scholarship Committee, School of Engineering, The University of Melbourne.
2006 –Feb. 2008	Board Member and Honorably Treasurer of Global Spatial Data Infrastructure (GSDI) Association.
2006	Member of PhD Examination Panel, Wageningen University The Netherlands.
2006	Member of PhD Examination Panel, Delft University, The Netherlands.
2006	Member of PhD Examination Panel, University of ETH, Zurich, Switzerland.
2005	Australian Member of ICA-Spatial Data Standards Commission. (Nomination from the Executive Board of the Mapping Sciences Institute, Australia).
2002 –	Postgraduate and graduate supervisor/co-supervisor (PhD, MSc, Research Investigation and Final Year Projects)
July 2004- June 2005	Project Leader and Acting Program 3 Manager Cooperative Research Centre for Spatial Information (CRC-SI) Leading Project 3.1 “Concepts and Principles of Virtual Australia” of the Program 3 “Spatial Information System Design and Spatial Data Infrastructures”, within CRC-SI initiative, AUSTRALIA

Oct. 1998 – Oct. 2001	<p>PhD Candidate Department of Geomatics, University of Melbourne, AUSTRALIA Researching the diffusion of a Regional (multi-national) Spatial Data Infrastructure (SDI)</p>
Jan. 2000 –Oct. 2001	<p>Research Assistance Department of Geomatics, University of Melbourne, AUSTRALIA</p>
Jan. 2010 -	<p>Postgraduate Research Coordinator, Department of Geomatics, The University of Melbourne</p>
Feb. 2008 – June 2009	<p>Member Executive Board and President Elect, Global Spatial Data Infrastructure (GSDI) Association</p>
Nov. 2007 - Current	<p>Member Victorian Spatial Council (VSC), Victoria, AUSTRALIA</p>
2006 – Oct. 2009	<p>Vice Chair Spatially Enabled Government Working Group UN Sponsored Permanent Committee on GIS Infrastructure for Asia and the Pacific (PCGIAP)</p>
2002 - 2006	<p>Research Coordinator UN-Permanent Committee on GIS Infrastructure for Asia and the Pacific (PCGIAP)-Working Group 3 on Cadastre and Spatially Enabled Government</p> <p>Researching Development of Cadastral Template and Guidelines for Marine Administration-the spatial components and data integration for Asia and the Pacific region</p> <p>Department of Geomatics, University of Melbourne, AUSTRALIA, Faculty of Geomatics Eng., K.N. Toosi University of Technology and Surveying and Geomatics Eng., University of Tehran, IRAN.</p>
1998 - 2001	<p>Research Project Principal Permanent Committee on GIS Infrastructure for Asia and the Pacific (PCGIAP)-Working Group 2 (Fundamental Datasets).</p> <p>Researching Development of a Regional Fundamental Dataset including conducting a pilot project on regional (multi-national) Administrative Boundaries as part of the Asia-Pacific Region SDI (APSDI), under the UN-PCGIAP Committee</p>
1999 – 2002	<p>Seasonal Lecturer/Tutor School of Business Information Technology, RMIT University, Melbourne, AUSTRALIA. I taught in undergraduate and post-graduate programs. This work encompassed lecturing and tutoring in Global Information Technologies and web programming.</p>
1994 - Oct 1998	<p>Head of the GIS Department National Cartographic Centre (NCC), IRAN</p> <p>Professional duties in design, management & implementation of the National Topographic Database (NTDB) and National GIS in IRAN; involved in the production-line of digital 1:25,000 and 1:50,000 Base-Map Projects, and direct responsibility of their both Cartographic sections; responsible for design, management and</p>

implementation of many GIS application projects at national, state and local levels for different disciplines in IRAN.

- 1992- 1993 MSc Student
International Institute for Aerospace Survey and Earth Sciences (ITC), Enschede, NETHERLANDS
- 1990- 1992 Survey Engineer
Office of the 1:25,000 Topographic-Map Series Project, National Cartographic Centre (NCC), IRAN
- 1994 - 1999 Executive Board Member & Iranian Representative Permanent Committee on GIS Infrastructure for Asia and the Pacific (PCGIAP)
- 1994 – 1998 Seasonal Lecturer /Academic activities
Department of Surveying Engineering, K.N. Toosi University, Department of Urban Planing, National University, Department of Surveying Engineering, The University of Isfahan, and Department of Surveying Engineering, Azad University in IRAN.

At these Universities I taught in undergraduate and post-graduate programs. This work encompasses lecturing in introductory and advanced GIS. In addition, at the K.N. Toosi University I taught Photogrammetry subjects including introduction to photogrammetry, and analytical and digital Photogrammetry subjects. During my academic work with these Universities, I supervised two Master research projects, one in the Digital Terrain Model (DTM) field and the other one in the application of GIS in urban planning.

In 1994, I was invited by Iranian Ministry of Culture and Higher Education to join their team to update subjects of the undergraduate surveying course with new mapping techniques and technology. Also in 1995, I was asked by the Ministry to design exam questions for the photogrammetry subject to be part of the entry test to the MSc course in Photogrammetry. I was also involved in designing the first Master of Science course in GIS, for the Department of Surveying, K.N. Toosi University in 1994.

- 1993 – Oct 1998 Member of National Spatial Data Standard Committee, IRAN
- Professional duties in defining a National Standard for digital spatial data.

Editorial Board Member

- Journal of Spatial Science
- Geospatial World
- Asian Journal of Geoinformatics (AJG)
- Surveying Journal
- Coordinates
- International Journal of Armanshahr

Peer Reviewer/Referee for

- International Journal of Geographical Information Science (IJGIS)
- International Journal of Computers & Geosciences
- International Journal of SDIs Research (IJS DIR)
- IEEE-Journal of Selected Topics in Earth Observations and Remote Sensing
- Journal of Environmental Informatics
- Land Use Policy Journal (LUP)
- Journal of Spatial Science
- Asian Journal of Geoinformatics (AJG)
- Journal of Transactions in GIS
- Selected conferences and seminars (GSDI, Geomatics, Spatial Science Conferences, GIS Conferences, ISPRS, AURISA)
- Coordinates Professional Magazine
- International Journal of Armanshahr

Member of PhD and MSc Examination Panels

2012	University of Southern Queensland
2006	University of ETH-Zurich, Switzerland
2006	University of Delft, The Netherlands
2006	University of Wageningen, The Netherlands
2008	Iran University of Science and Technology
2004, 2008	K.N. Toosi University, Iran

RECENT ACHIEVEMENTS and RESEARCH FUNDING AWARDS:

2012	AURIN-ANDS Data Integration and Demonstrators Project \$575,000, (2012-2013)
2012	AURIN Metadata System, \$138,000, (2012)
2011	Authored \$890,000 Successful ARC Linkage Grant: "3D Land and Property Management" (2012-2015).
2010	Authored \$520,000 Successful ARC Linkage Grant: "Talking about place: tapping human knowledge to enrich national spatial data sets" (2010-2013).
2009	Authored \$690,000 Successful ARC Linkage Grant: "National Land Infrastructure" (2009-2012).
2009	Co-authored \$48,000 Successful The University of Melbourne Interdisciplinary Seed Funding – 2010: "Crowd-Sourcing Human Knowledge on Spatial Semantics of Placenames."
2008	Authored \$333,000 Successful ARC Linkage Grant: "Automating Metadata updating Processes" (2009-2011).

2009-2012	President, Global SDI Association (GSDI)
2008	Appointed President Elect, Global SDI Association (GSDI)
2008	Research Consultancy on “Spatially Enabled Health” \$30,000, Funded by Lower Hume Primary Care Partnership (LHPCP).
2007-2008	Consultancy project with UN-FAO on design and conducting an international seminar on Land Administration Issues and Challenges, US\$ 40,000, in Kuala Lumpur, Malaysia.
2007	Research Consultancy and Project Leader \$50,000 Successful CRC-SI project on Metadata Entry Tools, (July-October 2007).
2007	Member of Technical Advisory Committee, Ecoinformatics Climate Change Project, Victorian Department of Primary Industry (DPI).
2007	Consultancy project with Geoscience Australia (GA) on design and conducting an international workshop on Spatially Enabled Government, \$10,000, June 2007 in Seoul, Korea.
2007	Member of Organising Committee of Conference on GIS titled “ <i>b-GIS@Asia</i> ” conducted by Trans Asiatic GIS Society, Asia, 17th to 19th of December 2007, Technopark, Trivandrum, India.
2006	Consultancy project with Geoscience Australia (GA) on data integration, \$80,000 for 2006-2007.
2005	International partner investigator and co-authored Euro 493,294 Successful Research Collaboration Grant with Wageningen University, The Netherlands. “Impact Study of Worldwide National SDIs and Clearinghouse Portals (2005-2008)”.
2005	Coordinator and co-designer of Marine Administration- the Spatial Dimension, a worldwide comparison of marine administration by PCGIAP under UN mandate, 16 th UNRCC-AP in Okinawa, Japan (www.marineadministration.org).
2005	Co-authored \$274,900 Successful ARC Linkage Grant: The Integration of Built and Natural Environmental Datasets in National Spatial Data Infrastructure" (2005-2007). The overall budget - total cash and in-kind \$1,573,080.
2004	Project Leader and authored \$135,000 Successful CRC-SI Research Grant: Principles and Concepts for Virtual Australia (2004-2005).
2002-2003	Coordinator and Co-Edited Text Book: <i>Developing Spatial Data Infrastructures – From Concept to Reality</i> , Taylor and Francis, London.
2003	Coordinator and presenter at International Short Course on SDI, University of Melbourne
1998-2004	Authored & co-authored one Book, 5 Book Chapters, and more than 70 Journal and Conference Papers.

- 2003 Co-Organiser and presenter at International Workshop on Asia-Pacific Regional Cadastral Systems, Okinawa, Japan
- 2003 Coordinator and co-designer of Cadastral Template Project, a worldwide comparison of cadastral systems developed by PCGIAP/FIG under UN mandate, 16th UNRCC-AP in Okinawa, Japan (www.cadastraltemplate.org)
- 2003 Co-authored and principal investigator \$520,000 Successful ARC Linkage Grant: A Marine Cadastre for Australia - Addressing Key Scientific and Policy Issues (2004-2006).
- 2001 Co-Organiser and presenter at International Symposium on SDIs
- 2001-2002 Co-authored \$280,000 Successful Commonwealth Department of Education, Science and Training (AusIndustry) Grant: Research to Support Export of Australian Expertise in Land Administration and Marine Cadastre (2002-2004).
- 2000-2001 Project Manager, Asia-Pacific Regional Administrative Boundaries Pilot Project (including nine countries) and developer of regional administrative boundaries datasets technical specification
- 2000-2001 Co-authored \$250,000 Successful ARC SPIRT Grant: Formulating the next generation of SDIs (2001-2004).
- 2000 Authorial contributor to UN-Habitat 2000
- 2000-2003 Authored or Contributed to reports for the United Nations supported Permanent committee on GIS Infrastructure for Asia and the Pacific, the Geospatial Information Reference Group, ANZLIC- The Spatial Information Council, and Victoria Government Department - Land Victoria.

TEACHING EXPERIENCE:

- 2012 *Spatial Data Infrastructure* (postgraduate), Department of Infrastructure Engineering, University of Melbourne, AUSTRALIA
- 2012 Sustainable Infrastructure Systems (undergraduate and postgraduate-Melbourne Model), Department of Infrastructure, University of Melbourne, AUSTRALIA
- 2011 Sustainable Infrastructure Systems (undergraduate and postgraduate-Melbourne Model), Department of Infrastructure, University of Melbourne, AUSTRALIA
- 2010 *Land, People and Sustainability* (under graduate-Melbourne Model new generation), Department of Geomatics, University of Melbourne, AUSTRALIA
- 2010 *Developing Spatial Data Infrastructure* (postgraduate), Department of Geomatics, University of Melbourne, AUSTRALIA
- 2010 *Land Administration* (under graduate and postgraduate), Department of Geomatics, University of Melbourne, AUSTRALIA

2009	<i>Land Administration</i> Training Course for Indonesian Universities and Government Agencies' Officials, July 2009, University of Melbourne, AUSTRALIA
2009	<i>Developing Spatial Data Infrastructure</i> (postgraduate), Department of Geomatics, University of Melbourne, AUSTRALIA
2009	<i>Land Administration</i> (under graduate and postgraduate), Department of Geomatics, University of Melbourne, AUSTRALIA
2009	<i>Applications of GIS and remote Sensing</i> (under graduate), Department of Geomatics, University of Melbourne, AUSTRALIA
2008	<i>Developing Spatial Data Infrastructure</i> (postgraduate), Department of Geomatics, University of Melbourne, AUSTRALIA
2008	<i>Applications of GIS and remote Sensing</i> (under graduate), Department of Geomatics, University of Melbourne, AUSTRALIA
2008	<i>Land Administration</i> (under graduate and postgraduate), Department of Geomatics, University of Melbourne, AUSTRALIA
2007	<i>Spatial Data Infrastructure</i> (SDI) Training Course for Indonesian Spatial Data Officials (National Coordination Agency for Surveys and Mapping of Indonesia (BAKOSURTANAL), 19-30 November 2007, University of Melbourne, AUSTRALIA
2007	<i>Developing Spatial Data Infrastructure</i> (postgraduate), Department of Geomatics, University of Melbourne, AUSTRALIA
2007	<i>Spatial Data Infrastructure- Concepts and Principles</i> , SDI Course for ASEAN Countries, AIT University, Bangkok, THAILAND
2007	<i>Modern Cadastre and Land Administration</i> , Refresher Course for Iran's Deeds and Land Registration Organisation, Tehran, IRAN
2006	<i>Developing Spatial Data Infrastructure</i> (postgraduate), Department of Geomatics, University of Melbourne, AUSTRALIA
2006	Guest Lecturer in <i>Land Administration</i> (under graduate and postgraduate), Department of Geomatics, University of Melbourne
2005	<i>Developing Spatial Data Infrastructure</i> (postgraduate), Department of Geomatics, University of Melbourne, AUSTRALIA
2004 - 2005	Guest Lecturer in <i>Land Administration</i> (under graduate and postgraduate), Department of Geomatics, University of Melbourne
2003	<i>International SDI Short Course</i> , Department of Geomatics, University of Melbourne, AUSTRALIA
2003	<i>Fundamentals of GIS</i> (postgraduate), Department of Geomatics, University of Melbourne, AUSTRALIA
2000 - 2003	Guest Lecturer in <i>Land Administration</i> (under graduate and postgraduate), Department of Geomatics, University of Melbourne

- 1999 - 2002 *Global Information Technology* (postgraduate), School of Business Information Technology, RMIT University, AUSTRALIA
- 1999 - 2002 *HTML Programming and Web Design* (undergraduate), School of Business Information Technology, RMIT University, AUSTRALIA
- 1994 - 1998 *Introductory and advanced GIS* (undergraduate and postgraduate), Department of Surveying Engineering, K.N. Toosi University, Department of Urban Planning, National University, Department of Surveying Engineering, The University of Isfahan, and Department of Surveying Engineering, Azad University, IRAN.
- 1994 - 1998 *GIS and Digital Mapping Techniques*, Surveying College, National Cartographic Centre (NCC), IRAN.
- 1994 - 1996 *Introduction to Photogrammetry, Analytical and Digital Photogrammetry* (undergraduate), Department of Surveying Engineering, K.N. Toosi University, IRAN.

PROFESSIONAL ASSOCIATIONS:

- 2011 Members Editorial Advisory Board, the Geospatial World
- 2010 Member of Panel of Adjudicators of 'Geospatial Excellence/Innovation Awards 2010'
- 2009 - Member International Geospatial Society (IGS) a society under Global SDI Association (GSDI)
- 2008 - Member Institute Engineers Australia (MIEAust)
- 2007 - Member Editorial Board, Asian Journal of Geoinformatics
- 2007 - Member of Governing Council of the Trans Asiatic GIS Society
- 2006 - Member International Global Navigation Satellite Systems (IGNSS) Society
- 2005 - Australian Member of the ICA Spatial Data Standards Commission
- 2004 - Member Editorial Board, Spatial Science Journal, Australia
- 2005 - Member Editorial Board, Iranian Journal of Surveying
- 2004 - Member Faculty of Engineering Board, The University of Melbourne, Australia
- 2003 - Foundation Member Spatial Sciences Institute, Australia
- 2001 - Member Institute Surveyors Australia (MIS Aust)
- 2001 - 2003 Member Mapping Science Institute Australia (MMSIA)
- 2001 - Member Canadian Institute of Geomatics (CIG)

1999 - 2003	Member Australasian Urban and Regional Information Systems Association (AURISA)
1997 - 2001	Member International Steering Committee for Global Mapping (ISCGM); member WG2 (Specifications) for the Global Mapping Project
1994 -	Member Iranian Construction Engineering Organisation (ICEO)
1989 -	Member Iranian Surveyors Society (ISS)
1994 -1998	Member Editorial Board of Iranian Journal of Surveying
1994-1998	Member of Scientific Committee of the Annual GIS Conference, IRAN
1994-1998	The Secretariat of Iranian National Council of GIS Users (NCGISU)
1993-1998	Member of Iranian National Standards Committee on Digital Spatial Data (SCDSD)
1995	Member of UN-ESCAP Experts Group for the Guideline on GIS Standardisation

AWARDS AND HONORS:

2012	Global Spatial Data Infrastructure President Medal, presented at the Geospatial World Conference 2012, Quebec, Canada
2011	The Most Cited Article Award 2005 to 2010 from ELSEVIER-Computers and Geosciences, ISI Journal.
2010	Awarded FIG Logo/Icon from Federation of Surveyor (FIG) Congress, Sydney for Keynote presentation.
2009	Awarded a embossed glass plaque from United Nations (handed by Professor Paul Cheung, Director of the United Nations Statistics division) for outstanding contributions over many years to the UN Regional Cartographic Conference for Asia and Pacific (UNRCC-AP) and the UN-sponsored Permanent Committee on GIS Infrastructure for Asia and Pacific (PCGIAP) during the opening Plenary Session, of 18th UNRCC-AP held in Bangkok, Thailand on 26-29 October 2009.
2008	Awarded a Conference Plaque from Joint ISPRS and GIS Conference, Tehran, Iran for Keynote presentation.
2007	Invitation to become member of International Editorial Board of Asian Journal of Geoinformatics.
2007	Invitation to become a member of the Governing Council of the Trans Asiatic GIS Society (TAGS), Asia.
2006	Appointed to the position of Honorary Treasurer of the Global SDI Association.

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- 2006 Invited Visiting Scientist to the University of EHT-Zurich, Delft University and Wageningen University, Europe.
- 2005 Nomination and invitation from the Executive of the Mapping Sciences Institute, Australia to serve as the Australian member of the ICA Spatial Data Standards Commission.
- 2004 Invitation to become member of Editorial Board of Spatial Science Journal, Australia.
- 2005 Invitation to become member of Editorial Board of Surveying Journal, Iran.
- 2005 Invitation to become member of Editorial Board of Coordinates, India.
- 2005 Invited Speaker at the 8th United Nations Regional Cartographic Conference for Americas (UNRCC-A), New York.
- 2004 Certificate of Appreciation and Cash Award from the GEOMATIC'83 Conference for the Best Paper in GIS submitted and presented at the GEOMATIC'83 Conference, May 2004, Tehran, Iran.
- 2004 Invited Speaker at the 7th Global Spatial Data Infrastructure (GSDI7) Conference, Bangalore, India 2004
- 2003 Invited Visiting Scientist to the Department of Urban and Regional Planning and Geo-Information Management, International Institute for Geo-Information Science and Earth Observation (ITC), Enschede, The Netherlands.
- 2003 Invitation to and Invited Speaker at the 16th United Nations Regional Cartographic Conference in Asia and the Pacific, Okinawa, Japan 2003
- 2002 President's Medal (Award 2002) from Mapping Sciences Institute Australia (MSIA) for the Best paper published since year 2000.
- 2002 Certificate of Appreciation from the Chair of the Mapping Sciences Institute Australia Conference 2002 (MSIA2002) for submission and presentation of a refereed paper as published in the proceedings of this Conferences 2002.
- 2001 Certificate of Appreciation from the Chair of International Symposium on Spatial Data Infrastructures, The University of Melbourne, for coordination and organization of this Symposium and submission and presentation of a paper as published in the proceedings of this Symposium.
- 2001 Certificate of Appreciation from the Chair of GEOMATICS'80 Conference, and the Technical Deputy of National Cartographic Centre (NCC) for submission and presentation of a refereed paper as published in the proceedings of this Conferences (With Prof. Ian Williamson).

- 2000 Overseas Research Travel Award, The University of Melbourne.
- 1999-2001 Australian Postgraduate Study Award, The University of Melbourne.
- 1998 Awarded Two Bahar-Azadi Gold Coins and Certificate of Appreciation from the Deputy of Planning and Management Organisation and Director General National Cartographic Centre (NCC) for five years outstanding management and professional achievements to the GIS Department.
- 1995-1998 Awarded Four Bahar-Azadi Gold Coins and Certificate of Appreciation from the Director General National Cartographic Centre (NCC), and the head of Organising Committee of National GIS Conference about contribution to the Scientific Committee of the 2nd - 5th National GIS Conferences.
- 1997 Certificate of Appreciation from the Deputy of Planning and Management Organisation for being technical editor and the project coordinator of the first GIS book which published in Iran.
- 1995-1997 Certificate of Appreciation from the Director General National Cartographic Centre (NCC) about submission and presentation of three refereed papers published in the proceedings of the 2nd -4th National GIS Conferences.

ARTICLE AND NEWS:

- 2012 LandMark Magazine, Issue 44, August 2012, page 7, News on GSDI Association Medal.
- 2012 Melbourne University News on GSDI Association Medal.
- 2008 LandMark Magazine, Issue 32, August 2008, page 11, News on next President of GSDI Association.
- 2008 Asia-Pacific SDI Newsletter, April 2008, News on Next President of GSDI Association.
- 2008 Coordinates Professional Magazine, Vol 4, Issue 3, March 2008, page 35, News on next President of GSDI Association.
- 2008 Coordinates Professional Magazine, Vol 4, Issue 2, Feb 2008, page 35, News on the Book "Toward a Spatially Enabled Society".
- 2008 School of Engineering, The University of Melbourne Newsletter, March 2008, News on Next President of GSDI Association.
- 2005 Various national daily news paper articles regarding the running of a Seminar on Spatially Enabling Governments, Tehran, Iran.
- 2003 LandMark Magazine, Issue 16, September 2003, page 14, *SDI Book*, News on the SDI Book "Developing SDIs: from concept to reality" published by Taylor and Francis, UK.
- 2002 Australian Excellence in Science and Technology, Page 43, Published by Australian Education International, A Report and News to

recognize the University of Melbourne by presenting a report on Abbas' PhD and his Pilot project on the Regional Fundamental dataset in Asia-Pacific region.

- 2002 Land Mark Magazine, Issue 10, March 2002, page 22-23, *Pilot Steers Path through Border Disputes*, An article on the Regional Pilot Project and the activities in Asia-Pacific region.
- 2002 Research Annual Review 2001-2002, The University of Melbourne, page 39, *National Border*, News on the pilot project in Asia-Pacific region.
- 2001 UNI NEWS, The University of Melbourne Weekly News, Vol. 10, No. 12, 23 April 2001, News on Abbas' PhD and his Pilot project on the Regional Fundamental dataset in Asia-Pacific region.

RESEARCH PROJECTS:

- 2012 AURIN-ANDS Data Integration and Demonstration Project, 2012-2013
- 2012 AURIN Metadata Project, 2012
- 2011- ARC Linkage on "3D Land and Property Management", 2012-2015
- 2010- ARC Linkage on "Talking about place: tapping human knowledge to enrich national spatial data sets", 2010-2013
- 2010- ARC Linkage on "National infrastructure for Managing Land Information", 2009-2012.
- 2009- ARC Linkage on "Automation of Metadata generation and updating processes", 2009-2011.
- 2008 Research on "Spatially Enabled Health"
Funded by Lower Hume Primary Care Partnership (LHPCP).
- 2007-2008 UN-FAO Research on "Land Administration" in collaboration with UN-PCGIAP to conduct an International workshop in Malaysia August 2008.
- 2007 CRC-SI Research on "Metadata Entry Tool".
- 2006-2008 Consultancy project on "Data Integration" with Geoscience Australia (GA), 2006-2008.
- 2005-2008 ARC Linkage on "The Integration of Built and Natural Environmental Datasets in National Spatial Data Infrastructure" 2005-2008.
- 2005-2008 Research Collaboration with Wageningen University, The Netherlands. "Development of Assessment Framework for National SDIs", 2005-2008.
- 2004-2009 ARC Linkage on Marine Cadastre" 2005-2009.

- 2004-2005 Marine Administration- the Spatial Dimension, a worldwide comparison of marine administration by PCGIAP under UN mandate, 16th UNRCC-AP in Okinawa, Japan (www.marineadministration.org). *Completed.*
- 2004-2005 CRC-SI Research on “Principles and Concepts for Virtual Australia”. *Completed.*

PUBLICATION LIST:

www.csdila.unimelb.edu.au/
(Most Publications are Available Online)

Book

- Rajabifard, A.** and Coleman, D. (Ed.), 2012, ‘*Spatially Enabling Government, Industry and Citizens*’ ISBN 978-0-9852444-0-8, GSDI Press. 277 pp.
- Rajabifard, A.,** Cromptvoets, J., Kalantari, M., Kok, B. (Eds.) 2010, ‘*Spatially Enabling Society-research, emerging trends and critical assessment*’, ISBN 978-90-5867-851-5, Leuven University Press, Belgium 248 pp.
- Williamson, I.P, Enemark, S., Wallace, J., **Rajabifard, A.,** 2010, ‘*Land Administration for Sustainable Development*’, ISBN 978-1-58948-041-4, ESRI Press, 487pp.
- Cromptvoets, J., **Rajabifard, A.,** van Loenen, B. and Delgado Fernández, T. (Eds.) 2008, ‘*A Multi-View Framework to Assess SDIs*’, ISBN 978-0-7325-1623-9, Space for Geo-Information (RGI), Wageningen University, 420 pp.
- Rajabifard, A.** (Ed.), 2007, ‘*Towards a Spatially Enabled Society*’ ISBN 978-0-7325-1620-8, The University of Melbourne. 400 pp.
- Williamson, I.P., **Rajabifard, A.** and Feeney, M. (Eds), 2003, ‘*Developing Spatial Data Infrastructures: From Concept to Reality*’, ISBN 0-415-30265-X, Taylor & Francis, U.K. 313 pp.

Book Chapter

- **Rajabifard, A.** Cromptvoets, Kalantari, M., Kok, B. 2010, ‘*Spatially Enabling Society*’ in Rajabifard, A., Cromptvoets, J., Kalantari, M., Kok, B. (Eds.), *Spatially Enabling Society: Research, Emerging Trends, and Critical Assessment*, ISBN 978-90-5867-851-5, Leuven University Press, 15-25pp.
- Bennett, R., **Rajabifard, A.** and Vaez, S. 2010, ‘*Spatially Enabling Coastal Zone Management: Drivers, Design Elements, and Future Research Directions*’ in Rajabifard, A., Cromptvoets, J., Kalantari, M., Kok, B. (Eds.), *Spatially Enabling Society: Research, Emerging Trends, and Critical Assessment*, ISBN 978-90-5867-851-5, Leuven University Press, 27-39pp.
- **Rajabifard, A.** Williamson, I.P. and Vaez, S. 2010, ‘*Spatially Enabling Societies-Asia and the Pacific*’ in Rajabifard, A., Cromptvoets, J., Kalantari, M., Kok, B. (Eds.), *Spatially Enabling Society: Research, Emerging Trends, and Critical Assessment*, ISBN 978-90-5867-851-5, Leuven University Press, 87-94pp.
- Holland, P., **Rajabifard, A.** and Williamson, I.P 2010, ‘*Towards an assessment framework for spatially enabled government*’ in Rajabifard, A., Cromptvoets, J., Kalantari, M., Kok, B.

(Eds.), *Spatially Enabling Society: Research, Emerging Trends, and Critical Assessment*, ISBN 978-90-5867-851-5, Leuven University Press, 69-83pp.

- Kalantari, M., Olfat, H. and **Rajabifard, A.**, 2010, '*Automatic Spatial Metadata Enrichment: Reducing Metadata Creation Burden through Spatial Folksonomies*' in Rajabifard, A., Crompvoets, J., Kalantari, M., Kok, B. (Eds.), *Spatially Enabling Society: Research, Emerging Trends, and Critical Assessment*, ISBN 978-90-5867-851-5, Leuven University Press, 119-129pp.
- Sutanta, H., **Rajabifard, A.**, Bishop, I. 2010, '*Integrating Spatial Planning and Disaster Risk Reduction at the Local Level in the Context of Spatially Enabled Government*' in Rajabifard, A., Crompvoets, J., Kalantari, M., Kok, B. (Eds.), *Spatially Enabling Society: Research, Emerging Trends, and Critical Assessment*, ISBN 978-90-5867-851-5, Leuven University Press, 205-218pp.
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- **Rajabifard, A.:** Facilitating Spatially Enabled Society, Invited Talk, Inha University, South Korea, 3 September 2010.
- **Rajabifard, A.:** Towards a Standard Geocoded National Address File-GNAF, Invited Seminar, Research Centre, Tehran Municipality, Iran, 4 July 2010.
- **Rajabifard, A.:** Spatial data Infrastructures and Spatially Enabled Platforms, Invited Seminar, Oil Exploration Directorate, Iran, 24 February 2010.
- **Rajabifard, A.:** Spatially Enabled Victoria, Invited talk, Victorian Spatial Council Forum, Australia 3 December 2009.
- **Rajabifard, A.:** Spatially Enabled Societies-global trends and challenges for SDI, Invited talk, NSW Spatial Summit, Australia, 23 November 2009.
- **Rajabifard, A.:** SDI and Spatially Enabled Society, Invited talk, ICT organization of Isfahan Municipality, Iran, 21 May 2009.
- **Rajabifard, A.:** Geomatics and Spatial Technologies, MERIT Sustainable System Workshop, Melbourne University, 26 March 2008.
- **Rajabifard, A.:** Spatial Data Infrastructure and Land Administration, Invited talk, GSDI 10 Conference, Session on Coastal Challenges, Trinidad, February 2008.
- **Rajabifard, A.:** Toward a Spatially Enabled Society, Invited talk, Centre for Remote Sensing Research, The Beheshti University (Former National University), Tehran, Iran, January 2008.
- **Rajabifard, A.:** Spatially Enabled Society, Invited talk, Faculty of Architect, The University of Science and Technology, Tehran, Iran, December 2007.
- **Rajabifard, A.:** Current Research and Development in advancing SDI, Invited talk, Spatial Science Institute, Victoria, Melbourne Exhibition Centre, 18 September 2007.
- **Rajabifard, A.:** SDI Design to Facilitate Spatially Enabled Society, Invited talk, Inha University, South Korea, 13 June 2007.

- **Rajabifard, A.:** Spatially Enabled Government, Working Group Research Plan, UN sponsored PCGIAP, Invited talk, International Workshop on Spatial Enablement of Government and NSDI – Policy Implications, Seoul, South Korea 12 June 2007.
- **Rajabifard, A.:** Re-engineering SDI to Support Sustainable Development, Invited talk, V-Geomatica 2007 Conference, Havana, Cuba, 12-15 February 2007.
- **Rajabifard, A.:** Marine SDI to facilitate Spatially Enabled Government and Society, Invited talk, International Hydrographic Organisation (IHO) Marine SDI Workshop, Havana, Cuba, 12 February, 2007.
- **Rajabifard, A.:** The Role of Private Sector and Sub-National Government in Future Spatial Data Infrastructures Invited talk, the Swiss Federal Institute of Technology ETH Zurich, Switzerland, 31 January 2006.
- **Rajabifard, A.:** Developing National SDIs: The Role of Private Sector and Sub-National Government in Future Spatial Data Infrastructures, Conference on Promoting value-added GI services, Den Haag, The Netherlands, 27 January 2006.
- **Rajabifard, A.:** Developing National SDIs: Understanding the Main Challenges and Issues, Exploring SDIs Workshop, Wageningen University, Netherlands, 19-20 January 2006.
- **Rajabifard, A.:** SDI and Land Administration Research. End of the Year Research Seminar Spatial Information Infrastructure (SII), Department of Sustainability Environment (DSE), Victoria, Melbourne, Australia, 2002-2005.
- **Rajabifard, A.;** Binns, A. and Williamson, I.: Virtual Australia. Annual Conference of the Cooperative Research Center for Spatial Information, Melbourne, Australia, 2005.
- **Rajabifard, A.:** SDI and Cadastre, Invited Seminar, Deeds and Land Registration Organisation, Tehran, Iran 21 April 2005.
- **Rajabifard, A.:** Virtual Jurisdiction and SDI Development, Invited Seminar, National Cartographic Centre, Tehran, Iran 10 January 2005.
- **Rajabifard, A.;** Binns, A.: Facilitating Virtual Australia Utilising an SDI Enabled Platform, Invited Talk, QSIIS Seminar, Queensland, 7 December 2004.
- **Rajabifard, A.;** Binns, A. and Williamson, I.: Virtual Australia. Annual Conference of the Cooperative Research Center for Spatial Information, Melbourne, Australia, 2004.
- **Rajabifard, A.;** Binns, A. and Williamson, I.: Virtual Australia. Poster at the Annual Conference of the Cooperative Research Center for Spatial Information, Melbourne, Australia, 2004.
- **Rajabifard, A.:** Virtual Iran, Invited Seminar, National Cartographic Centre, Tehran, Iran 15 December 2004.
- **Rajabifard, A.:** SDI Development-Challenges and Issues, Invited Seminar, International Institute for Aerospace Survey and Earth Sciences (ITC), Enschede, Netherlands, 14 December 2003.
- **Rajabifard, A.:** SDI to Facilitate Disaster Management. Invited Seminar, National Cartographic Centre (NCC), Tehran, Iran April 2002.
- **Rajabifard, A.:** Developing Spatial Data infrastructure-from Concepts to Reality, Invited Talk, Faculty of Geomatics and Geodesy, K.N.Toosi University, Tehran, Iran April 2002.

RESEARCH SUPERVISED/CO-SUPERVISED

PhD Thesis

- 2012- Public Safety and Disaster Management, Ged Griffin (University of Melbourne, Australia)
- 2012- LiveCity and Public safety, Farhad Laylavi (University of Melbourne, Australia)
- 2011- 3D Cadastral Visualization, Davood Shojaei (University of Melbourne, Australia)
- 2010- Developing Framework for Spatially enabled Law Enforcement, Peter Branca (University of Melbourne, Australia)
- 2009- Integrating Cadastral Databases into the Spatial Data Infrastructure, Ali Aein (University of Melbourne, Australia)
- 2009- Building A National Infrastructure To Manage Land Information In Australia, Nilofer Tambuwala (University of Melbourne, Australia)
- 2009- Land Administration to facilitate Housing, Muyiwa Agunbiade (University of Melbourne, Australia)
- 2009- Metadata Generation and Automation Processes- Hamed Olfat (University of Melbourne, Australia)
- 2008- SDI and Spatial Planning Support Systems for Facilitating Disaster Risk Reduction, Heri Sutanta (University of Melbourne, Australia)
- 2007- SDI to facilitate Urban Planning – Faisal Qureshi (University of Melbourne, Australia)
- 2006-2010 Seamless SDI model to facilitate Spatially Enabled Land-Sea Interface – Sheelan Vaez (University of Melbourne, Australia) *Completed*
- 2005- National SDIs as Complex Adoptive Systems – Lukasz Grus (University of Wageningen, The Netherlands)
- 2002-2008 Discovery of Field-Based Geo Services Based on Ontology– Gholam Reza Fallahi (K.N.Toosi University, Iran) *Completed*
- 2002-2006 SDI and Local Government Partnerships – Kevin McDougale (University of Melbourne, Australia), *Completed*
- 2001-2005 National SDI Partnerships-Mathew Warnest (University of Melbourne, Australia), *Completed*
- 2001-2005 Developing SDI for Disaster Management – Ali Mansourian (K.N.Toosi University, Iran), *Completed*
- 2004-2008 ICT Enabled Land Administration – Mohsen Kalantari (University of Melbourne, Australia) Submitted, *Completed*
- 2005-2009 Integration of Built and Natural Environmental Datasets within the context of National SDI Initiatives – Hossein Mohammadi (University of Melbourne, Australia), *Completed*

MSc Thesis

- 2010- Managing Rights, Restrictions and Responsibilities in Coastal Area, Tristan Clack (University of Melbourne, Australia)
- 2009- Conceptual Model for Building A National Infrastructure To Manage Land Information In Australia, Brian Marwick (University of Melbourne, Australia)
- 2009- Building A National Infrastructure To Manage Land Information to facilitate Disaster Management, Katie Potts (University of Melbourne, Australia)
- 2009- Indicators to assess Spatially Enabled Government- Peter Holland (University of Melbourne, Australia)
- 2008- SDI Governance – Paul Box (University of Melbourne, Australia)

- 2006-2008 The Role of SDI in Urban Management and Planning, Investigating SDI design and development in facilitating urban planning – Hamed Olfat (University of Science and Technology, Iran) *Completed*
- 2005-2006 Non-electronic City information Process- Pooya Bagheri (Tehran University, Iran) *Completed*
- 2004-2005 ASDI to facilitate Marine Administration- Lisa Strain (University of Melbourne, Australia) *Completed*
- 2001-2003 Development of a Framework for Iranian National SDI – Hani Rezaeiyan (Tehran University, Iran), *Completed*
- 2001-2003 Design and Development of a Spatial Information System to Facilitate the Determination of the Caspian Sea Legal Regim– Manochhr Azarnia (Tehran University, Iran), *Completed*
- 1995-1997 GIS Design for Urban Planning– Akbar Mohammadi (Beheshti University, Iran), *Completed*

Final Year Project

- 2009 Investigating possible options for visualising digital cadastral plans in the web environment- Alex Masendycz (University of Melbourne)
- 2008 Investigation and discussion of the role of good governance in land administration projects- James Buchanan (University of Melbourne)
- 2008 Examination of the cadastral definition, principles and statements in “Cadastre 2014” in the 2008 context-Anna Krelle (University of Melbourne)
- 2007 The benefits and drawbacks of using Google Earth and Google Maps to deliver spatial information to specialist users – Victoria Petrevska (University of Melbourne), *Completed*
- 2007 Customizing Google’s KML for land information systems– Steve Satgunam (University of Melbourne), *Completed*
- 2006 Application of SDI at the Land-Sea Interface: A pilot study of Port Philip – Jen Loton (University of Melbourne), *Completed*
- 2006 Geo Web Service Requirements for Data Integration- Jessica Deane (University of Melbourne, Australia), *Completed*
- 2005 Integration of Topographic and Cadastral Datasets within the Context of National SDIs- Yi Lik (University of Melbourne, Australia), *Completed*
- 2005 Integration of Topographic and Cadastral Datasets within the Context of National SDIs- Nima Amini (University of Melbourne, Australia), *Completed*
- 2004 Cadastral Template Project– Matthew King (University of Melbourne, Australia), *Completed*

Investigation Project

- 2012 Housing and spatial Enablement, Sally Seungyeon Ji (MSc student, University of Melbourne)
- 2010 Spatially Enabled University of Melbourne, Alwindawarman (MSc student, University of Melbourne, Australia) *Completed*
- 2010 Voluntary Spatial Data Contribution to facilitate Spatially Enabled Societies, Serene Ho (MSc student, University of Melbourne, Australia) *Completed*

- 2009 Application of ICT towards e-Land Administration in National Land Agency Republic of Indonesia – Mulyadi (MSc student, University of Melbourne, Australia) *Completed*
- 2008 Spatial information delivery with emerging web based spatial technologies: Google Maps context - Thangjam Rovin M Meetei (MSc student, University of Melbourne, Australia) *Completed*
- 2008 Developing Indonesian Spatial Data Infrastructure Model Based on Service Oriented Architecture Platform- Agus Supriyanto (MSc student, University of Melbourne, Australia) *Completed*
- 2007 Google Maps as an enabling platform- Behzad Rahmazadeh Tarikhi (MSc student, University of Melbourne, Australia)
- 2005 Integration of SDI and Land Administration within the context of Greece- Sofia Alexiadou (MSc student, University of Melbourne, Australia) *Completed*

Other Supervision

- July 2011- Dr Ida Jazaeri, Research Fellow, Department of Infrastructure Engineering, The University of Melbourne
- January 2010- Ms Jude Wallace, Senior Research Fellow, Department of Geomatics, The University of Melbourne
- December 2009 – Dr Rohan Bennett, Research Fellow, Department of Geomatics, The University of Melbourne
- December 2008 – Dr Mohsen Kalantari, Research Fellow, Department of Geomatics, The University of Melbourne
- April 2008 –June 2009 Dr Payam Ghadirian, Research Associate, Department of Geomatics, The University of Melbourne
- Jan 2004 –Dec 2007 Mr Andrew Binns, Research Fellow, Department of Geomatics, The University of Melbourne
- July 2007-Nov 2007 SDIs Assessment Framework – Lukasz Grus (University of Wageningen, The Netherlands), *Completed*
- Feb. 2006-July 2006 Awareness as a Foundation for Developing Efficient Spatial Data Infrastructures - Christian Clausen (Visiting Scientist and PhD student from Aalborg University, Denmark), *Completed*
- April 2005-June 2005 Metadata and SDI- Christine Najjar (Visiting Scientist and PhD student from University of ETHZ, Swiss), *Completed*
- Sept 2004-March 2005 Data Sharing and Spatial Data communication between SI professionals and End-Users within SDI Initiatives- Floris deBree (Visiting Scientist and MSc student from University of Wageningen, The Netherlands), *Completed*
- Jan 2003-April 2003 Impact Assessment of worldwide National Clearinghouse Systems – Joep Crompvoets (Visiting Scientist and Lecturer from University of Wageningen, The Netherlands), *Completed*