



Curriculum Vitae

I Made Andi Arsana

IELTS : 7.5 (09 June 2007)
Awards : Australian Leadership Awards (2008), Alison Sudradjat Awards (2008), UN-Nippon Fellowship (2007), Australian Dev. Scholarship (2004-06)
Position : Lecturer, Gadjah Mada University, PhD Candidate, Uni of Wollongong
Works : More than 70 publications (papers, journal, books presentation, articles)

Personal Information

Nationality	Indonesia
Place & date of birth	Tabanan, 12 May 1978
Sex	Male
Marital Status	Married
Address Office	Department of tic Engineering, Gadjah Mada University Jl. Grafika No. 2 Yogyakarta (55281), Phone. 62-274-902121, Fax. 62-274-520226
Home	Kembang RT 3/61 No. 89A, Maguwuharjo, Sleman, Yogyakarta. Phone 62-274-488241
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Formal Education

Year	Description
2008	PhD in Ocean Affairs and Law of the Sea, University of Wollongong (started)
2006	M.E. in Surveying & Spatial Information Systems from the University of New South Wales, Australia
2001	B.Sc. in Geodetic Engineering from the Department of Geodetic Engineering, Gadjah Mada University, Yogyakarta, Indonesia
1996	Senior High School SMA 3 Denpasar, Bali, Indonesia
1993	Junior High School SMP 2 Marga, Bali, Indonesia
1990	Primary School SD 1 Tegaljadi, Tabanan, Bali, Indonesia

Informal Education and Trainings

Year	Description
2007	Ocean Affairs and Law of the Sea, UN DOALOS, New York, US
2005	Advanced CARIS Training, UNSW, Sydney, 2005
2004	Academic Preparation Program, UNSW, Sydney
2003	English for Academic Purpose, IALF, Jakarta
2003	German Course, Arka Paramita, Yogyakarta
2000	TOEFL Preparation course, Yogyakarta 2000
1998	GPS, Total Station and Digital mapping software course, Yogyakarta
1996	General English Course, ELTI, Yogyakarta
1994	Computer Course (Word Star)
1993	Computer Course (Introduction to Computer)

Awards and Achievements

Year	Description
2007	Alison Sudradjat Awards for being one of the top four of the Australian Leadership Awards grantees to conduct research and be involved in Australian institution activities (will be commenced in 2008).
	Australian Leadership Awards to study PhD in the University of Wollongong in 2008
2006	United Nations-NIPPON Foundation Fellowship to conduct research for 6 months in the Australian National Centre for Ocean Resources and Security (ANCORS, the University of Wollongong, Australia and internship in the United Nations Office of Legal Affairs, Division of Ocean Affairs and Law of the Sea (DOALOS), New York, US (March - December 2007)
2005	The Best Overall Presentation in the Annual Research Seminar 2005, UNSW, Sydney, Australia
	The Best Presenter for Remote Sensing Session of the Annual Research Seminar 2005, UNSW, Sydney, Australia
	The winner for Creative Eyes Writing Competition 2005, ISS, UNSW, Sydney, Australia
2004	Australian Development Scholarship (AusAID)
2001	10% Best Engineering Students, GMU, Indonesia
2000	Fourth place in National Essay Writing Contest about Korea, Jakarta, Indonesia
1995	First place in Law and Development Olympic Games, Bali, Indonesia
	Third place in English Quiz Contest, Bali, Indonesia
	Second place in model student contest, Denpasar, Indonesia
	Second place in P4 speech, Denpasar, Bali, Indonesia
1994	Fourth place in Chemical Olympic Games, Surabaya, Indonesia
	First place in Modern drama contest, Bali, Indonesia (as one of the role players)
1989	First place for Poetry Reading, Marga District, Bali, Indonesia

Researches

Year	Description
2008	Principle Investigator The impact of sovereignty dispute resolution between Malaysia and Singapore concerning sovereignty over Pulau Batu Puteh (Pedra Branca) Funding: Self funding
	Principle Investigator <i>Indonesia's submission of Extended Continental Shelf: Status and Problems</i> Funding: UN-Nippon Foundation of Japan Fellowship
2006	Principle Investigator <i>Web GIS for Disaster Management</i> Funding: Department of Geodesy and Geomatic Engineering
	Research Team Member <i>Collaborative Geospatial Data Infrastructure for Disaster Management</i> Funding: JICA (Hilink)
	Principle Investigator, <i>Indonesian Extended Continental Shelf: A comparative study</i> Funding: Self-funding
2005	Principal Investigator,

	<p><i>Critical Study on the Technical Aspects of Maritime Boundary Delimitation: A case study of Indonesia-Timor Leste Maritime Boundaries</i> Funding: Australian Agency for International Development (AusAID)</p> <p>Principal Investigator <i>Study on the Ambalat case: A legal and spatial and perspective</i> Funding: AusAID</p>
2004	<p>Co-Investigator <i>Marine Scientific Research and the Law of the Sea</i> Funding: The School of Surveying & SIS, UNSW</p> <p>Principal Investigator, <i>The Application of GIS in Environment Impact Assessment</i> Funding: AusAID</p>

LIST OF PUBLICATIONS

Books, Journals and other Reviewed Publications

Year	Description
2007	Arsana, I M. A. dan Adnyana I G. P. S. (2007) , Delimitasi Batas Maritim antara Propinsi Bali dan Nusa Tenggara Barat: Sebuah Kajian Teknis, Jurnal Perencanaan, Departement Energi dan Sumberdaya Mineral, Desember 2007, Jakarta.
	Arsana, I M. A. (2007) , Sovereignty dispute between Malaysia and Singapore, The Jakarta Post, 06 December 2007, Jakarta
	Arsana, I M. A. (2007) , The Constitution of the Oceans, The Jakarta Post, 29 October 2007, Jakarta, Indonesia
	Arsana, I M. A. (2007) , Islands, Maritime Jurisdictions, and Sovereignty (in Bahasa Indonesia), Suara Pembaruan, 4 September 2007, Jakarta, Indonesia
	Arsana, I M. A. (2007) , Extended Continental Shelf: Extending the Indonesia's Maritime Area (in Bahasa Indonesia), <i>SIKLUS</i> , <i>Jurnal Kajian Hubungan Internasional</i> , August 2007, Jakarta, Indonesia
	Arsana, I M. A. (2007) , Naming Indonesia's islands has implications for sovereignty, The Jakarta Post, 20 August 2007, Jakarta
	Arsana, I M. A. (2007) Settling Maritime Boundaries, Position Magazine August-Sept, NSW, Australia
	Arsana, I M. A. et al. (2007), International Maritime Boundaries - A Technical and Legal Perspective (in Bahasa Indonesia), Gadjah Mada University Press, Yogyakarta, Indonesia
	Arsana, I M. A. (2007) Settling Maritime Boundaries, Asian Surveying and Mapping, 13 June 2007, NSW, Australia
	Arsana, I M. A. (2007), Timor Leste must settle maritime boundary, The Jakarta Post, 23 May 2007, Jakarta
	Sutisna, S. and Arsana, I M. A. (2007), Proportionality Approach in Maritime Boundary Delimitation (in Bahasa Indonesia), <i>SIKLUS</i> , <i>Jurnal Kajian Hubungan Internasional</i> Vol. 2 No.1, May 2007, Jakarta, Indonesia
	Arsana, I M. A. and Julzarika, A. (2007), Utilizing Google's Features (in Bahasa Indonesia), Elex Media Komputindo, Jakarta
	Schofield, C. and Arsana, I M. A. (2007) "The Delimitation of Maritime

	Boundaries: A Matter of ‘Life or Death’ for East Timor?’ in Kingsbury, D. and M Leach (eds) East Timor: Beyond Independence, Melbourne: Monash Asia Institute Press
	Arsana, I M. A. (2007), One more for a new Head of Village: Village Boundaries (in Bahasa Indonesia), Kaltim Post, 16 April 2007, Kaltim, Indonesia
	Arsana, I M. A. (2007), Mapping Indonesia-Singapore Border, Asian Surveying & Mapping, 12 April 2007, NSW, Australia
	Arsana, I M. A. (2007), The Negotiation of Indonesian-Singaporean Maritime Boundaries (in Bahasa Indonesia), Suara pembaruan, 11 April 2007, Jakarta, Indonesia
	Arsana, I M. A. (2007), Indonesia-Singapore talks on maritime borders making progress, The Jakarta Post, 5 April 2007, Jakarta
	Arsana, I M. A. (2007), Reclamation of Singaporean Coast and the 1973 Treaty (in Bahasa Indonesia), Sinar Harapan, 15 March 2007
	Arsana, I M. A. (2007), Indonesian-Singaporean Maritime Boundaries (in Bahasa Indonesia), Batam Pos, 5 Maret 2007, Batam, Indonesia
	Arsana, I M. A. (2007), Technical Aspects of Maritime Boundary Disputes between Indonesia and Singapore (in Bahasa Indonesia), Suara pembaruan, 6 Maret 2007, Jakarta, Indonesia
	Arsana, I M. A. (2007), Good Fences: Mapping our borders with Singapore, The Jakarta Post, 28 February 2007, Jakarta, Indonesia
	Arsana, I M. A. (2007), Settling Regional Boundary Disputes, The Jakarta Post, 15 January 2007, Jakarta, Indonesia
2006	Arsana, I M. A., and Putri, N. M. K. A. I. (2006)., Indonesia has much to gain from extension of continental shelf, The Jakarta Post, 11 December 2006, Jakarta, Indonesia.
	Arsana, I M. A. (2006)., The importance of Regional Boundary Demarcation (in Bahasa Indonesia), Kompas Yogyakarta, 5 December 2006, Yogyakarta, Indonesia
	Adiyanto, F. H. and Arsana, I M.A., (2006), Forensic cadastre and natural disasters, The Jakarta Post, 2 October 2006 Jakarta, Indonesia.
	Arsana, I M.A., (2006)., Settling Maritime Boundary with Neighbor Timor Leste, The Jakarta Post, 3 August 2006 Jakarta, Indonesia.
	Arsana, I M.A., (2006)., Web-based GIS for Earthquake Disaster Management: A Case Study on the Tectonic Earthquake on 27 May 2006 in Yogyakarta and Central Java, Indonesia, Asian Surveying & Mapping Newsletter, 11 July 2006.
	Arsana, I M. A., Rizos, C. & Schofield, C. (2006). The Application of GIS in Maritime Boundary Delimitation: A Case Study on the Indonesia-East Timor Maritime Boundary Delimitation, <i>Springer Lecture Notes in Geoinformation</i> .
	Arsana, I M. A. & Schofield, C. (2006). Gosong Niger: Another Ambalat?, <i>The Jakarta Post</i> , 16 March 2006, Jakarta, Indonesia.
	Arsana, I M. A. (2006). Ashmore Reef: Indonesia's or Australia's?, <i>Asian Surveying & Mapping Newsletter</i> , 17 January 2006, NSW, Australia.
	Schofield, C. and Arsana, I M. A. (2006). The Delimitation of Maritime Boundaries: A matter of “life or death” for East Timor?, <i>East Timor: Beyond</i>

	<i>Independence</i> , Melbourne, Australia (in press).
2005	Arsana, I M. A. (2005). Whose Island is Pasir, anyway? (in Bahasa Indonesia), <i>Harian Sore Sinar Harapan</i> , 31 December 2005, Jakarta, Indonesia.
	Arsana, I M. A. (2005). Tension builds over Ashmore Reef: Is it Indonesia's or Australia's? <i>The Jakarta Post</i> , 19 December 2005, Jakarta, Indonesia.
	Arsana, I M. A. (2005). Tale of an Island called “Pulau Pasir” (in Bahasa Indonesia), <i>Column - Buana Katulistiwa</i> , 03 December 2005, Depok, Indonesia.
	Arsana, I M. A. & Schofield, C. (2005). Berhala: Another Sipadan and Ligitan if we're still ignorant, <i>The Jakarta Post</i> , 18 October 2005, Jakarta, Indonesia.
	Arsana, I M. A. (2005). Berhala: Will it be another Sipadan and Ligitan? (in Bahasa Indonesia), <i>Column - Buana Katulistiwa</i> , 03 Oktober 2005, Depok, Indonesia.
	Arsana, I M. A. (2005). Defining The Regional Sea Territory (in Bahasa Indonesia), <i>Suara Pembaruan</i> , 06 Juli 2005, Jakarta, Indonesia.
	Arsana, I M. A. (2005). Defining Sea Territory, A homework of a Regional Leader (in Bahasa Indonesia), <i>Bali Post</i> , 23 June 2005, Denpasar, Indonesia.
	Arsana, I M. A. (2005). Defining the Regional Authority in the Sea Territory: A homework in the 2004 Regional Leadership Election (in Bahasa Indonesia), <i>Kompas</i> , 23 June 2005, Jakarta, Indonesia.
	Arsana, I M. A. (2005). Sea territory an agenda item for regional elections, <i>The Jakarta Post</i> , 23 June 2005, Jakarta, Indonesia.
	Schofield, C. and Arsana, I M. A. (2005). Ambalat revised: The way forward?, <i>The Jakarta Post</i> , Jakarta, Indonesia
	Arsana, I M. A. (2005). Technical aspects of the Ambalat negotiations, <i>The Jakarta Post</i> , Jakarta, Indonesia
	Arsana, I M. A. (2005). Despite all the Talks about Equity, Equidistance Line Remains the Fundamental Instrument in Maritime Boundary Delimitation, <i>Journal Batas Maritim</i> , Departemen Kelautan and Perikanan, Indonesia
2004	Arsana, I M. A. (2004). The Application of Fuzzy Logics in the Environmental Impact Assessment (Case Study: Kioloa Coastal Campus of Australian National University, NSW Australia), <i>Indonesian Journal of Remote Sensing</i> , MAPIN, Indonesia

Conferences and Presentations

Year	Description
2007	Arsana, I M. A., and Schofiel, C. (2007), Indonesia’s Extended Continental Shelf Submission: Status and Problems, Map Asia 2007, Kuala Lumpur, Malaysia, 14-16 August
	Arsana, I M. A., Adnyana, I G. S., and Sumaryo (2007), Technical Aspects of Regional Maritime Boundary Delimitation in Indonesia:A Case Study on the Maritime Boundary Delimitation between the Provinces of Bali and Nusa Tenggara Barat, Map Asia 2007, Kuala Lumpur, Malaysia 14-16 August
	Sumaryo, Arsana, I M. A., and Sutisna S. (2007), The Strategic Value of Maritime Boundaries to Ocean Resource Exploration, Proceeding - Indonesian Petroleum Association Thirty First Annual Convention & Exhibition, Jakarta, 14-16 May

2006	<p>Arsana I M. A., and Sutisna, S. (2006), Study on the Implementation of Proportionality Approach in Maritime Boundary Delimitation: Criteria of Distance of Area? (in Bahasa Indonesia), Annual Scientific Forum of the Indonesian Surveyor Association, Balikpapan, Indonesia, 7-8 December 2006.</p> <p>Santosa, P. B., Arsana, I M. A., Muhammad, T. A. K., Heliani, L., and Subaryono, (2006)., Database Design of Collaborative Geospatial Data Infrastructure in Facilitating Work Groups in Disaster Management, Annual Scientific Forum of the Indonesian Surveyor Association, Balikpapan, Indonesia, 7-8 December 2006.</p> <p>Santosa, P. B., Arsana, I M. A., Heliani, L., Subaryono, Muhammad, T. A. K., Collaborative Geospatial Infrastructure: A Coordinative Approach in Disaster Management, PUDSEA Seminar, Yogyakarta, 20-21 November 2006</p> <p>Arsana, I M. A. and B. A. W. Putro (2006)., The Australia's Submission of The Extended Continental Shelf (ECS) - A Study on Its Impact to the Indonesia-Australia Maritime Boundaries and Indonesian Potential Claim Over ECS</p> <p>Arsana, I M.A., (2006), Delimitasi Batas Maritim antara Indonesia and Timor Timur: Sebuah Kajian Teknis, PIT ISOI III 2006, Semarang, Indonesia, 19 September.</p> <p>Arsana, I M.A., and Putri, N. M. K. A. I., (2006), KAJIAN ATAS KLAIM LANDAS KONTINEN EKSTENSI (LKE) INDONESIA - Sebuah Studi Banding Terhadap Pengajuan LKE Australia, Brazilia and Selandia Baru, PIT ISOI III 2006, Semarang, Indonesia, 19 September.</p> <p>Arsana, I M.A., Cahyono, B. K., and Sumaryo, (2006), The Application of Web-based Geographic Information System (GIS) in Earthquake Disaster Management: A Case Study on the Tectonic Earthquake on 27 May 2006 in Yogyakarta, Indonesia, Map Asia 2006, Bangkok, Thailand, 1 September.</p> <p>Arsana, I M.A., Sutanta, H., Muryamto, R., and Rumono, B. K., (2006), Parcel-based mapping for Building Damage in the Aftermath of the Yogyakarta - Central Java Earthquake on 27th May 2006: A Case study of Purbayan Village in Kotagede, Yogyakarta, Indonesia Geospatial Technology Exhibition 2006, Jakarta, Indonesia, 23 August</p> <p>Arsana, I M.A. Rizos, C., & Schofield, C., (2006), The Application Of GIS In Maritime Boundary Delimitation: A Case Study On The Indonesia-East Timor Maritime Boundary Delimitation, International Workshop on 3D Geoinformation 2006, Kuala Lumpur, Malaysia, 7-8 August.</p>
2005	<p>Arsana, I M.A., (2005) The Application of GIS in Maritime Boundary Delimitation: An Indonesia-Timor Leste Case Study, <i>Annual Research Seminar</i>, Sydney, Australia, 7 November.</p> <p>Arsana, I M. A., and Schofield, C., (2005), Maritime Boundary Delimitation Between Indonesia and Timor Leste: A Technical Perspective, <i>Indonesia Council Open Conference 2005</i>, Adelaide, Australia</p> <p>Arsana, I M. A., and Schofield, C. (2005). Ambalat: A Spatial and Technical Perspective, <i>Map Asia 2005</i>, Jakarta, Indonesia</p> <p>Arsana, I M. A. (2005). An Introduction to CARIS LOTSTTM: An Assisting Tool for Maritime Boundary Delimitation and Dispute Resolution, <i>International Workshop on Legal and Technical Aspects of Maritime Boundary</i></p>

	<i>Delimitation</i> , Yogyakarta, Indonesia
	Schofield, C.H., Arsana, I M. A. (2005). The Delimitation of Indonesia's Maritime Boundaries and Resolution of Disputes, <i>Seminar Nasional: Rاپuhnya Batas Negara Kepulauan Indonesia, Refleksi Masyarakat kita untuk Ambalat</i> , Yogyakarta, Indonesia
	Arsana, I M. A. (2005). Ambalat: A Spatial Perspective, <i>Regular Discussion of UNSW Indonesian Students</i> , Sydney.
2005	Arsana, I M. A. (2005). Critical Study on the Technical Aspects of the Maritime Boundary Delimitations: A Case Study of the Maritime Boundary Delimitations between the Republic of Indonesia and the Republic Democratic of Timor Leste, <i>Staff-Student Development Seminar</i> , School of Surveying & SIS, UNSW
2004	Arsana, I M. A. (2004). Marine Scientific Research: A Legal and Technological Perspective, <i>2004 Annual Scientific Meeting</i> , Teknik Geodesi ITS, Indonesia
	Schofield, C.H., Arsana, I M. A. (2004). Marine Scientific Research and the Law of the Sea, <i>2004 ABLOS Meeting</i> , Canberra, Australia

Working Experiences

Year	Description
2008	Trainer for Principle of Geographic Information System (GIS) and Global Positioning System (GPS) – PT. Chevron Pacific Indonesia, Jakarta
2007	Illustrator / map drafter for report publications, Australian National Centre for Ocean Resources and Security, NSW, Australia
2006	Trainer, Technical aspects of regional boundary demarcation, Bakosurtanal
	Web Administrator of Dept. of Geodesy and Geomatic Engineering, GMU
	Illustrator / map drafter for report publications, Institute of Defense and Strategic Studies, Nanyang Technology University, Singapore
2005	Illustrator / map drafter for journal and book publications, The Centre for Maritime Policy, University of Wollongong, NSW, Australia
	Casual Lecturer at The Center for Maritime Policy, University of Wollongong, NSW, Australia
	Web Programmer (internship) at Liquid Vision, Sydney, Australia
2004	Research Assistant: Marine Scientific Research and The Law of the Sea, UNSW, Sydney, Australia
	Part-time pastry cook, Sky Crest Pty Ltd, Sydney, Australia
2003	Surveyor - Indonesia-Timor Leste Land Border Definition, Nusa Tenggara Timur, Indonesia
2002-current	Lecturer in the Department of Geodetic Engineering, GMU, Yogyakarta, Indonesia
2001-2002	IT Staff of PT Astra Otoparts, Tbk, with responsibility to develop and maintain application system for automotive component distribution business using Magic Development and ORACLE software, Jakarta, Indonesia
2001	Territory Sales Supervisor of PT Unilever Indonesia, Tbk, Indonesia
2000	Programmer assistant for the project of Computing Flight Operation Safety Area, owned by Department of Transportation, Yogyakarta, Indonesia
1999	Practical assistant (tutor) for Surveying, GMU, Yogyakarta, Indonesia
	As a draft person in PERTAMINA digital mapping, Yogyakarta, Indonesia

1998-1999	Practical assistant (tutor) for computer programming, GMU, Yogyakarta, Indonesia
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Organization and Scientific-Popular Activities

Year	Description
2007	Motivation Trainer: Bank Mandiri, Yogyakarta
2006	Committee Secretary for International Short Course in Land Administration (collaboration between UGM and ITC, The Netherlands)
	Exhibition Coordinator of Department of Geodetic and Geomatic Engineering in Indonesian Geospatial Technology Exhibition, August 2006
2005	Moderator for National Seminar about Ambalat in Yogyakarta
	Trainer for International Workshop "Legal and Technical Aspects of Maritime Boundary Delimitation", Yogyakarta 4 May 2005
	Editor in Chief of "Welcome to Sydney: A Basic Living Guide" for International Students of UNSW
2004	Chief of Committee for AusAID Indonesian Students welcoming ceremony
1998-1999	Chief of Hindu Students Organization in Gadjah Mada University
1997-1998	General Secretary of Hindu Students Organization in Gadjah Mada University
	Chief of Student Publishing Board, Geodetic Students Association
1994-1995	Chief of Student Organization (OSIS), Senior High School
1991-1992	Chief of Student Organization (OSIS), Junior High School

Skill in Software

Type	Software
Maritime Zones and Boundaries	CARIS LOTSTM
Web Programming	HTML, PHP, ASP (starter)
GIS/Mapping Software	AutoCAD, MapInfo, ArcGIS, ArcView, Manifold
Remote Sensing Software	ER Mapper
Database	Oracle, Magic Development, Ms. Access
Programming	MATLAB, Microsoft Visual Basic, BASICA, QBASIC
Office Application	Ms. Word, Ms. Power Point, Ms Excel
Graphic design software	Corel, Adobe Photoshop

Language skill:

Indonesian
English (IELTS of 7.5 as of 9 June 2007)
German (Basic)