

CURRICULUM VITAE

Hendricus Andy Simarmata

Postgraduate Program Building 4th Floor
Jalan Salemba Raya No. 4
Jakarta Pusat 10430 INDONESIA
Phone: +62-21-391-5238 Fax: +62-21-390-5824
E-mail: hendricus.andy@ui.ac.id ; simarmata.andy@yahoo.com

Andy is lecturer/researcher and certified urban and regional planner as well at Urban Development Studies Postgraduate Program, University of Indonesia, Jakarta. He has actively written papers on urban and regional planning and climate change adaptation published in international journal and proceedings of international and national conferences. Andy has ten years research and consultancy experiences on spatial planning, climate change adaptation, and urban environmental assessment. He has received funding for research British Council (UK-Aid), UN Habitat, JICA-RI, and various Ministries in Indonesia. He has been working in most of Indonesia regions, North Sumatera, West Sumatera, and Riau; East, South, and Central Kalimantan; DKI Jakarta, Central Java, and Jogjakarta; South and North Sulawesi; and Papua.

Research Interests: Climate Change Adaptation, Disaster Risk Reduction, Spatial Planning, Participatory Planning, Coastal Management, Urban Studies.

Formal Education

- MSc. with **Distinction** (2006) Post Graduate Program in Urban Studies, University of Indonesia, Jakarta, Indonesia),
Thesis Title: "Adaptation of Riverside Community to Coal Dust Pollution, Case Study of Banjarmasin, South Kalimantan, Indonesia.
- BSc (2001), Department of Regional and City Planning, Institute Technology of Bandung, Indonesia
Research Paper: "Inland Waterway Transportation Model Based on Supply-Demand Analysis, Case Study: South Kalimantan, Indonesia.

Teaching Experiences

Courses: Urban Development in the Tropical Archipelago Region, Urban Planning Method, and Urban Development Seminar.

Publications

Journal Papers

- Firman, T., Izhar, C., Surbakti, I. and **Simarmata, H.** (2011), Potential Climate Change related vulnerabilities in Jakarta: Challenges and current status, *Habitat International Journal*, Volume 3, pages 32-37.
- **Simarmata, H.**, Surbakti, H. and Hanggono, A., Zoning Regulation as a Adaptation Tool to Sea Level Rise Impact in North Coast of Jakarta, *Marine Journal*, Ministry of Ocean and Fisheries (*abstract accepted to UGEC Conference in Arizona, October 2010*)

- **Simarmata, H.** (2009) The Role of Disaster Risk Analysis in Spatial Planning Process, *Bulletin of Spatial Planning*, Directorate General of Spatial Planning, Ministry of Public Work, Indonesia. September-October, 2009 (ISSN: 1978-1571).
- **Simarmata, H.** (2009) Planner and Participative Spatial Planning Process. *Bulletin of Spatial Planning*, Directorate General of Spatial Planning, Ministry of Public Work, Indonesia. July-August, 2009
- **Simarmata, H.** (2009), Politics and Spatial Planning Process: Critical Inputs for Urban Planners. *Bulletin of Spatial Planning*, Directorate General of Spatial Planning, Ministry of Public Work, Indonesia. May-June, 2009
- **Simarmata, H.** (2008), Assessing Community's Adaptation to Pollution due to Coal Stock Piling, Case Study: Banjarmasin, South Kalimantan. *Journal of Urban Studies*, University of Indonesia Vol. 4, Oktober 2008 p.26-33

Proceeding Papers

- **Simarmata, H.** (2008), Spatial Planning as the Controlling Instrument of Super-block Growth. National Seminar on "From Super-block to Hyper-development", University of Tarumanegara, Jakarta, Indonesia, August 23, 2008
- The Role of Local Wisdom in Land Use Planning. Workshop of The Implementation of Strategic Environmental Assessment (KLHS), Ministry of Environment, *Hotel Bukit Indah, Cikampek*, September 22, 2007

Research Experiences (Selected)

2010/2011:

- Planning Researcher, **Risk Mapping and Disaster Management Plan in 9 Java, Bali, and East Nusa Islands**, Board of National Disaster Management, August-December, 2011
- Team Leader, **Study of Climate Change Impact for Poor Communities in North Coastal Jakarta**, JICA-RI, April-October, 2011
- Social Researcher, **Study Social-Economical Impact on Urban Development Post Monetary Crisis in Indonesia**, JICA, January-April, 2011

2009/2010:

- Researcher on Spatial Planning, **Coastal Vulnerability Index Mapping for 5 urban areas in North Java Island**, Ministry of Ocean and Fisheries, October-December, 2010
- Researcher on Spatial Planning, **Strategic Environmental Assessment of Jakarta North Coastal Area Development**, *Agency of Environmental Management, Jakarta Province*
- Planning Researcher, **The Sub-District Spatial Planning of Kutai Timur Regency Project**, *Bappeda Kutai Timur*, September, 2008-January, 2009
- Planning Researcher, **The Merauke Urban Spatial Plan Evaluation Project**, July – December, *Bappeda Kabupaten Merauke*, July-Desember, 2007

2005-2006:

- Planning Researcher, **The Samosir Regency Spatial Planning Project**, *Dinas Tata Ruang, Permukiman, dan Pertanahan Kabupaten Samosir*, July – December, 2006

- Planning Researcher, **The Maumere Detailed Spatial Planning Project**, Bappeda Kabupaten Sikka, August – December, 2005

2001 – 2003

- Research Assistant, **The West-Coastal Sulawesi Spatial Planning Project**, *Dirjen Tata Ruang Pesisir dan Pulau-Pulau Kecil, Departemen Kelautan dan Perikanan*, July-December, 2003
- Research Assistant, **The Maninjau Lake Region Spatial Planning Project**, *Dirjen Tata Ruang, Departemen PU*, July-December, 2002
- Research Assistant, **The Banjarmasin Spatial Plan Evaluation Project**, *Bappeda Kota Banjarmasin*, August-December, 2001
- Field Researcher, **The Social Safety Net Monitoring Survey**, URDI-Jakarta, October-December, 2000
- Surveyor, **The Spatial Plan of Sukabumi Manucipality Review Project**, June-August, 2000
- Surveyor, **The Spatial Interaction Pattern of Workers in Bandung Manucipality**, October-November, 1999

Consultancy Experiences

- August-December, 2011: Team Leader for **Study of Vulnerability Mapping at the Provincial Level and Inventory of Policies and Institution related to Adaptation and Mitigation to Climate Change**. National Council of Climate Change, Indonesia.
- January-April, 2011: **Spatial Analyst for Economical Impact on Urban Development**, JICA.
- November-March, 2011: Urban and Regional Land Use Planning Specialist, **Yogyakarta Urban Transportation Pra-Feasibility Study**, CDIA-ADB, Global Works Consultant.
- January-February, 2010: Urban Planning Consultant of UN Habitat Indonesia for **Knowledge Mapping of Cities and Climate Change Initiatives in Indonesia** Assignment.
- June-November, 2009: Urban Planning Consultant of UN Habitat Indonesia for **City Development Strategy (CDS) Preparatory Project**.
- March 2008-March, 2009: Technical Committee Member for **Formulation Government Regulation concerning Planning Spatial Law Establishment**, Directorate General of Spatial Planning, Ministry of Public Work.
- September-December 2008: Transmigration Advisory Group for **Review Master Plan of Integrated Independent Transmigration City**, Ministry of Man Power and Transmigration.

Non-Formal Education

- March, 2011: International Training Workshop on Cities at Risk II, START & East-west Centre, **Taipei, Taiwan**
- November, 2010: International Conference on Cities Development, EAROPH (East Asia Regional Office for Planning and Human Settlement), **Adelaide, Australia**.
- October, 2010: Regional Meeting on Cities in Climate Change Initiative, UN Habitat ROAP, **Chang won City, Korea**
- August, 2010: International Training Workshop on Climate Change Vulnerability Assessment and Urban Development Planning for Asian Coastal Cities, SEA-START & East-west Centre, **Bangkok, Thailand**
- November, 2009: Advanced Training Workshop on Southeast Asia Regional Climate Change and Health Issues, held by National Cheng Kung University, **Tainan, Taiwan**.

- March, 2009: Professional Training on Zoning Regulation I, held by The Ministry of Public Work-Board of Planner Certification, **Jakarta**.
- October, 2008: Writing of Good Research Proposal Training, held by The Directorate Research and Public Services, University of Indonesia, **Jakarta**.
- March, 2006: Professional Training Program on Appropriate Technologies for Urban Environmental Management, held by SEA-UEMA Project, AIT-CIDA, **Bangkok, Thailand**.

Awards/Scholarships

- Travel and Accommodation Grants for International Workshop from START (2011)
- Travel and Accommodation Grants for Regional Meeting from UN Habitat-ROAP (2010)
- Travel and Accommodation Grants for International Training from START (2010)
- Travel and Accommodation Grants for International Training from SARCS-NCKU (2009)
- The Best Graduation of Urban Studies Postgraduate Program, Award (2006)
- The 2nd place, National University Basketball League (2000)
- Scholarship Awardees from Directorate General of Higher Education, Ministry of Education and Culture (1999)

Affiliation

- Eastern Regional Organization for Planning and Human Settlement (**EAROPH**), Indonesia Chapter Member, 2010-present
- Southeast Asia Regional Committee for START (**SARCS**) Network, member, 2009- present
- Southeast Asia – Urban Environmental Management Network (**SEA-UEMA**), member, 2005-present
- Indonesian Planner Association (**IAP**), Head of Research, Training, and Professional Development, 2007-present
- Association of Indonesian Planning School (**ASPI**), Member, 2007-present
- Alumni Association of Urban Studies, University of Indonesia (**STUPA-UI**), Secretary, 2006-present
- Alumni Association of Institute Technology of Bandung (**IA-ITB**), Member, 2001-present
