

Curriculum Vitae



Moediartianto

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Education

September 2004 – November 2006

Master of Science, Institute for Technology in the Tropics, University of Applied Sciences Cologne, Germany Focus: Sustainable Building in the Tropics and Subtropics, Thesis: “Natural ventilation performance of multi-story low income housings in a hot humid climate: Assessment of thermal comfort and indoor air quality- A study in Semarang, Central Java-Indonesia.

<http://eprints.unika.ac.id/5096/>

August 1992 – April 1998

Bachelor of Architecture, School of Architecture, Soegijapranata Catholic University (SCU) Semarang, Indonesia

Relevant Courses and Conference (*selected*)

August, 18, 2013

Lecture Series of Union Architects of the Philippines (UAP) Cavite Chapter at University of De Lasalle Dasmarinas, Philippines, invited presenter

October, 10 – 11, 2011

Regional Conference on Local Knowledge at Universiti Sains Malaysia, presenter

May, 9 – 13, 2011

Conference-Workshop “Discovering Local Knowledge in the 21st Century, connecting Classroom to the World” at Miriam College, Quezon City, Philippines, invited presenter

May, 16 – 22, 2010

Workshop of DAAD “2nd Alumni Meeting on Renewable Energy” in Thessaloniki, Greece, invited participant, (unfortunately, I cannot attend it due to the long bureaucracy of visa processing in Greece Embassy at Indonesia).

December 2004

Project Planning International – Objectives – Oriented Project Planning (ZOPPP) – An Instrument of Innovative Project Cooperation

October, 10–18, 1996

at University of Applied Sciences Cologne, Germany
International Architecture Student’s Workshop with topic; “Urban Planning and designing of Alte Erbacher Straße – Project Area in Darmstadt” at Technische

September, 23 - October, 20, 1996

Hochschule Darmstadt, Germany
Architecture Student's Exchange and Practical Course Program in Darmstadt / Germany, dealing with urban renewal and urban conservation in Rheine-Main Region, cooperation between Technische Hochschule Darmstadt and Soegijapranata Catholic University

Experiences

Teaching

August – September 2013

Visiting Lecturer at College of Architecture, De La Salle-Dasmariñas (DLSUD), Philippines.

Course Title:

- Tropical (*South East Asia*) Architecture (Building Science)

Since 2000

Lecturer at Faculty of Architecture, Soegijapranata Catholic University (SCU) Focus area:

1. Climatic Responsive Building
2. Eco-Architecture

Administrative & Technical

Since 2007

Engaged to establish and develop a new laboratory of building science at Faculty Architecture, SCU

2008 - 2011

Head of Department of Architecture, Faculty of Architecture, SCU

January–August, 1996

Project Assistance at Architect office “Wiswakharman”, Semarang, Indonesia

Research Projects

2013 (*ongoing*)

Roof Construction of Residential Buildings to Optimize Day Lighting System. Funded by: Directorate of Indonesian Higher Education (DIKTI)

2012

Digitalization the works of YB. Mangunwijaya adapting to Tropical Climate. Funded by: SCU

2010

Digital Technology for Local Knowledge Conservation, Case Study: Javanese Vernacular Architecture. Funded by: United Board.

<http://www.unika.ac.id/vernacular>

January - March 2009

Building Performance Audit of Governor Office Building Consultant for Central Java Province Government, Indonesia

May, 2007 - January 2008

Development of SMK teaching material for earthquake resistant construction, Jogjakarta, Indonesia Consultant for GTZ (*Gesellschaft für Technische Zusammenarbeit*) - *Regional Economic Development (RED)*

2003

Adjustable Jalousie Windows based on Thermal Sensory System Funded by: APTIK (Association of Indonesian Catholic Higher Education)

Architectural Design Projects

Since 2007

Architect at architect's office: PT. Piramida Kreasi Mandiri, Semarang, Indonesia (Selected projects):

- Sport hall in Tegal, Indonesia
- Stadium building complex in Semarang, Indonesia
- Information System Office in Semarang, Indonesia

Organization/ Networking Membership

- Since 2013: University Network for Digital Knowledge (UNDK), Indonesia
- Since 2011: Asian University Digital Resource Network (AUDRN), Philippines
- Since 2009: Indonesian Architects Institute (IAI), *registered architect*
- Since 2008: Association of German Engineers (VDI)

Honors and Awards

1. KAAD Scholarship, awarded for postgraduate study at International Master's Program at FH Köln, Germany 2004-2006
2. DAAD Scholarship, awarded in Architecture Student's Exchange and Practical Course Program in Darmstadt, Germany, 1996

Scientific Publications (selected)

- Moediartianto, R. Setiawan Aji, Krisprantono, 2012, *Making Construction Learning Interactive: Digitalization of Javanese Vernacular Architecture*, Book Volume: Retracing Tradition for A Sustainable Future, Penerbit Universiti Sains, Malaysia, ISBN 978-983-861- 581-5
<http://eprints.unika.ac.id/8413/>
- Moediartianto, 2010, *Challenges to Utilize Renewable Energies in Architecture: A Perspective of Technology*, Bunga Rampai: Teknologi Masa Depan dalam Perspektif UNIKA Soegijapranata, ISBN 978-979-1268-78-5
<http://eprints.unika.ac.id/5097/>
- Moediartianto, 2009, *Field Studies of Thermal Comfort and Quality-of-Life Issues in Multi-Storey Low Income Housings*, Journal of Life Quality Management - VITASPHERE, Volume 1, ISSN 2085 – 7683
- Moediartianto, 2008, *A Study of Daylighting Systems in Residential Building under Tropical Climates*, Journal Architecture TESA, Vol. 6 Number 1, ISSN 1410 – 6094
<http://eprints.unika.ac.id/8301/>
- Moediartianto, 2007, *Personalized Ventilation around the Human Body during Bedtime In Typical Small Flat Units*, Proceeding SENVAR Architecture Conference, University of Petra, Surabaya, ISBN 978-979-96974-8-6
- Moediartianto, 2005, *Reconsider the use of Renewable Energy towards Sustainable Urban Development*, National Seminar on Environmental Development in Indonesia, University of Trisakti Jakarta, ISBN 979-8398-85-8
- Frick, H. & Moediartianto, 2004, *Timber Construction*, Kanisius, Yogyakarta, ISBN 979-21-0890-4 (in Bahasa Indonesia)

Languages

English : speaking, reading and writing ability
German : speaking, reading and writing ability
Indonesia : mother tongue