

Curriculum Vitae
 Mohammad Kholid Ridwan

PERSONAL DETAILS

Date of Birth : July 11th, 1974
 Marital Status : Married
 Nationality : Indonesia
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EDUCATION

2012 : Post Doctoral Research Fellow, Energy Economics Laboratory, Kyoto University, Japan.
 2010 – 2011 : Post Doctoral Research Fellow, Polytech Annecy' Chambéry, School of Engineering at the University of Savoie, France.
 2004 – 2007 : Doctor of Engineering (Dr.-Eng), in International Development Engineering, Tokyo Institute of Technology Japan
 1999 – 2001 : Master of Science (M.Sc) in Sustainable Energy Engineering, Royal Institute of Technology (KTH) Stockholm, Sweden.
 1992 – 1997 : Engineer Degree (ST) in Electrical Engineering (Energy Economics), Gadjah Mada University.

WORKING EXPERIENCE

2012 – now : Research Group Leader of Integrated Smart and Green Building Research Group, Faculty of Engineering, Gadjah Mada University.
 2011 – 2012 : Visiting Professor, Energy Economics Laboratory, Kyoto University Japan.
 2010 : Visiting Research Fellow, International laboratory for Air Quality and Health, Queensland University of Technology, Australia.
 2009 : Vice of Head Department for Student and Alumni Affair, Engineering Physics Department, Faculty of Engineering, Gadjah Mada University.
 2009 : Member of Supervisory Body of Community Service, Faculty of Engineering, Gadjah Mada University.
 2009 – now : Editor, Techno Energy Journal, Faculty of Engineering, Gadjah Mada University.
 2008 – 2009 : Visiting Research Fellow, International Development Engineering Department, Tokyo Institute of Technology
 2008 – now : Assistant Professor, Engineering Physics Department, Faculty of Engineering, Gadjah Mada University.
 1999 – 2008 : Junior Lecture Engineering Physics Department, Faculty of Engineering, Gadjah Mada University.
 1998 – 1999 : Vice Director of Academic Affair, Amik Aster Computer Academy, Yogyakarta.
 1994 – 1997 : Trainer and Founder, Insan Mahardhika Training Centre, Yogyakarta.

AWARDS

2012 – 2013 : Hitachi Research Fellowship Awards.
 2011 : UNESCO-IHE Award for Educational Training Course on Active Learning and

Aligned Teaching.

- 2010 – 2011 : Erasmus Mundus Visiting Research Fellow Award
 2009 : National Science of Council Republic of China Scholarship for Environmental Analysis and Green Technology, National Tsing Hua University, Taiwan.
 2004 – 2007 : Japan International Cooperation Agency (JICA) Doctoral Program Scholarship Award
 1999 – 2000 : The Swedish Foundation for International Cooperation in Research and Higher Education (STINT) Master Program Scholarship Award.
 1992 – 1997 : Percepatan Insinyur Indonesia (PII) Scholarship Award

PROFESSIONAL MEMBERSHIP

- 2012 – now : Society of Sustainable Building Indonesia
 2006 – now : International Association for Urban Climate
 2006 : Japan Society of Civil Engineer

PUBLICATIONS

- 2012 : Darmawan, A. Ridwan M.K., Setiawan, A.A., Prediction on Residential Energy Demand by End Use Model, Journal Teknofisika, Vol 1. No 2.
 2012 : Nurrachman, A.P., Setiawan, A.A., Ridwan M.K., Analysis of Residential Energy Used by Bottom Up Model, Journal Teknofisika, Vol 1. No 1
 2009 : Wijaya, M.E.; Ridwan M.K., LEAP: A Training Module for Energy Planning, Department of Physics Engineering, Gadjah Mada University, Indonesia, 2009 (in Bahasa Indonesia, the original title is LEAP: Modul Pelatihan Perencanaan Energi). Available at LEAP developer's website (<http://www.energycommunity.org/default.asp?action=42>).
 2009 : Kawai, T., Ridwan, M.K., Manabu, K., Evaluation of the Simple Urban Energy Balance Model Using Selected Data from 1-yr Flux Observations at Two Cities, Journal of Applied Meteorology and Climatology 48(4) 693
 2008 : Ridwan, M.K., Tenggara, A.P., The Effect of Vegetation Ratio Using Energy Balance Approach, Majalah Media Teknik No 4 th XXX Ed. Nopember 2008
 2008 : Ridwan, M.K., Setiawan, A.A., Fathoni, A.M., Mohammad, M., and Widagdo, S.A., Preliminary Stage of Sustainable Power and Water Supply Development For Remote Area And Disaster Response And Reconstruction in Yogyakarta, Proceeding, International Conference on Sustainable Environmental Technology and Sanitation for Tropical Region, ISBN 978-979-96276-8-1.
 2008 : Ridwan, M.K., Manabu, K., Effect of Building Architecture to the Environment, SENVAR VIII, Proceeding, International Convergence on 9th SENVAR + 2nd ISESEE 2008 Universiti Teknologi MARA (UiTM), Shah Alam.
 2008 : Ridwan, M.K., Tenggara, A.P., The Effects of Vegetation Ratio in the Urban Energy Balance, Proceeding, Eco Urban Design, Biro Penerbit Planologi Universitas Diponegoro, ISBN 978-979-15956-4-3
 2007 : Ridwan, M.K., T. Kawai, M. Kanda, and R. Moriwaki, Evaluation of Simple Urban Energy Balance for Mesoscale Simulation (SUMM) to Real Urban Field, Annual Journal of Hydraulic Engineering, JSCE, Vol.51
 2003 : Achmad, B., Ridwan, M.K., Solar Collector Design for Low Cost Energy Housing, Jurnal Media Teknik, Faculty of Engineering, Gadjah Mada University.
 2002 : Kasim, F., Ridwan, M.K., Study on Safer and Environmentally Friendlier Kerosene Pressure Stoves Design, Jurnal Media Teknik, Faculty of Engineering, Gadjah Mada University.

CONFERENCES

- 2012 : Budiarto,R., Ridwan, M.K., Anwar, Y.S., Suhono, and Suryopratomo, K., Sustainability Challenge for Small Scale Renewable Energy Use in Yogyakarta, The 3rd International Conference on Sustainable Future for Human Security (SUSTAIN 2012), Kyoto
- 2012 :Perdamaian, L.G., Budiarto, R., and Ridwan, M.K., Scenarios to Reduce Electricity Consumption and CO2 Emission of Terminal 3 Soekarno-Hatta International Airport, The 3rd International Conference on Sustainable Future for Human Security (SUSTAIN 2012), Kyoto.
- 2012 : Perdamaian, L.G., Budiarto, R., and Ridwan, M.K., Determining Energy Conservation Opportunities of Terminal 3 Soekarno - Hatta International Airport Using Energy Simulation Software, Proc. of 2nd Intl. Conf. On Sustainable Built Environment, Indonesia Islamic University, Yogyakarta, 10-12 July 2012.
- 2008 : Ridwan, M.K., Setiawan, A.A., Fathoni, A.M., Mohammad, M., and Widagdo, S.A., Preliminary Stage of Sustainable Power and Water Supply Development For Remote Area And Disaster Response And Reconstruction in Yogyakarta, Proceeding, International Conference on Sustainable Environmental Technology and Sanitation for Tropical Region, Surabaya, Nov 18-19, 2008.
- 2008 : Ridwan, M.K., Manabu, K., Effect of Building Architecture to the Environment, SENVAR VIII, International Convergence on 9th SENVAR + 2nd ISESEE 2008 Universiti Teknologi MARA (UiTM), Shah Alam. December 1-3, 2008
- 2008 : Ridwan, M.K., Tenggara, A.P., The Effects of Vegetation Ratio in the Urban Energy Balance, Universitas Diponegoro, October 23, 2008
- 2006 : Ridwan, M.K., Kawai, T., and Manabu, K., Introducing Building Architectural Aspects in the Urban Canopy Model, Annual Meeting of Meteorological Japanese Society, Tsukuba May 20-24, 2006
- 2006 : Ridwan, M.K., Kawai, T., and Manabu, K. Introducing Building Architectural Aspects in the Urban Canopy Model, Sixth Symposium on the Urban Environment, American Meteorological Society, 29 January-2 February 2006, Atlanta, Georgia, USA.
- 2005 : Ridwan, M.K., Kawai, T., and Manabu, K., Introducing Building Architectural Aspects in the Urban Canopy Model, The 16th Regional Conference of Clean Air and Environment in Asian Pacific Area, Kogakuin University Shinjuku, August 2 - 4 2005 Tokyo, Japan.
- 2002 : Ridwan ,M. K., Nugroho, A.M., Mix Mode Ventilation System Strategies for Educational Building in The Tropics. International Energy Conference Yogyakarta Indonesia, June 2002