

Prof. Dr. Bambang Rudyanto, M.Sc.

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Professional Experiences

Dean, Faculty of Economics and Business

Wako University, Tokyo, Japan (*October 2023 - Present*)

- Lead a team of 30 Japanese Professors in the Faculty.
- Expert in Economics and Business with a focus on collaboration between Indonesia and Japan.

Independent Commissioner (Komisaris Independen)

- **PT. Mandom Indonesia** (*April 2015 – March 2018*)

Head, Indonesia-Japan Business Network (IJB-Net) in Japan

Project Leadership

- **Project Leader**, "Disaster prevention education project using traditional dance 'Maena' on Nias Island-Indonesia". Funded by JICA (2016-2018).
- **Coordinator**, "Building Resilience at the Local Level - Learning from the Experiences in the Efforts for Sustainable CBDRR Activities in Asia"
 - Public Forum of UN World Conference on Disaster Risk Reduction in Sendai (2015).
- **Implementation**, "Empirical analysis of trade creation effect of ASEAN free trade area under noodle bowl phenomenon"
 - Funded by The Japan Society for the Promotion of Science (JSPS) (2017-2021).

Advisory Positions

- **Adviser**, IHI Enviro Corporation - Indonesian Waste Project (*Sept. 2013 – Sept. 2017*)
- **Project Formulation**, Pacific Consultants Co., Ltd. - Indonesia (*April 2010 – March 2017*)
- **Adviser**, IHI Corporation - Enhancing Business in Indonesia (*April 2013 – March 2015*)
- **Arrangement Business**, Meisei Electric Co. Ltd - Indonesia (*Dec. 2012 – March 2015*)
- **Tsunami Tower Project Adviser**, Nippon Steel & Sumikin Metal Products Co., Ltd. - Indonesia (*Nov. 2013 – March 2015*)
- **Adviser**, Aoyama Seisakusho Co, Ltd. - Indonesia Investment (*April 2012 – March 2013*)

Key Achievements

- **Managed Human Settlements Improvement Project in Indonesia**
 - Funded by Japan International Cooperation Agency (JICA) (1997-1999).
- **Project Leader**, "Development research of Asian regional disaster prevention information network system"
 - Funded by Japan Science and Technology Agency (1998~2001).
- **Initiated**, "Revitalization Strategy for Ogawa Village (Ultra-aging Village) in Nagano Prefecture-Japan" (*2012 - 2019*).

Training Programs and Workshops

- Designed, planned, and implemented various training programs and workshops related to hazards and vulnerabilities in Japan and Indonesia.
 - Example: "Information Technology for Disaster Management" (2001).

Academic and International Positions

Professor

Wako University, Faculty of Economics and Business, Tokyo, Japan (*April 2002 – Present*)

- Instruct students in Database, Big Data Analysis, and Geospatial Statistics, emphasizing programming skills across various disciplines.
- Deliver lectures on Development Studies and International Cooperation, fostering engagement through role-playing, critical debates, and presentations.
- Develop and oversee spatial databases for students, encouraging further analysis of the data.
- Foster a multicultural seminar environment, promoting understanding of diversity, individualism, and creativity among students.
- Collaborate closely with Disaster Management institutions, contributing to map preparation and geographic data analysis and display.
- Interface with Government Officers, International Institutions, and Experts to address issues in Bio-energy and Disaster Management.

Visiting Scholar

Cornell University, South East Asia Program, New York State, US (*April 2009 – March 2010*)

- Researched Disaster Management Systems in Southeast Asia using GIS and Remote Sensing, contributing to the development of a multi-hazard early warning system.
- Assisted in the "Development of National Spatial Data Infrastructure" Project, facilitating the Indonesian Government and Consultant in project implementation.
- Collaborated with the School of Civil & Environmental Engineering at Cornell University.

Senior Researcher

Asian Disaster Reduction Center, Kobe, Japan (*Dec 1999 – Sept 2001*)

- Led the "Information Network System for Disaster in Asian Countries" project involving 22 countries, developing websites and databases of disaster information and an Internet-based GIS system.
- Pioneered the "Community-based Flood Mitigation Project: The Case study of Bandung City, Indonesia," coordinating a 6-member team.
- Involved in the development of the Global Identifier number (GLIDE) initiative used by UN-OCHA/ CRED to identify disaster events.
- Managed geographic databases, including satellite imagery and gazetteers, and maintained computer networking, internet servers, databases, programming, and websites.

Project Officer

Overseas Economic Cooperation Fund (OECF, Current: Japan International Cooperation Agency (JICA)), Jakarta, Indonesia (*Oct 1997 – Nov 1999*)

- Managed 15 projects for the Directorate General of Highways and Directorate General of Human Settlements, Ministry of Public Works, Government of Indonesia.
- Oversaw project identification, appraisal, employment of consultants, and monitoring and supervision.

UN Researcher

United Nations Centre for Regional Development, Nagoya, Japan (*Apr 1996 – Sept 1997*)

- Coordinated the "Tourism Development Project for Lombok Island, Indonesia" using GIS and Remote Sensing.
- Trained the Tourism Bureau of the Guatemalan Government in the application of GIS and Remote Sensing.

Education

Ph.D. in Advanced Science and Technology

University of Tokyo, Japan (*1993~1996*)

- Thesis on Infrastructure Planning, emphasizing the analysis of Rural-Urban Development using Geographical Information System (GIS) and Remote Sensing.
- Specialties in GIS and Remote Sensing in Infrastructure Planning.

M.S. in Environmental Sciences

University of Tsukuba, Japan (*1991~1993*)

- Thesis on the Simulation of Environmental Hazards, focusing on Land Cover changes using Satellite Data (Remote Sensing) and GIS.
- Specialties in Remote Sensing and GIS for Environmental Changes.

B.Eng. in Electrical Engineering

Keio University, Japan (*1987~1991*)

- Thesis on Simulation of Electromagnetic Wave and Vibration Engineering using Finite Element Method.

Other Education

- **1st Level Diploma in Japanese Language Proficiency**
 - Japanese School at Japan Foundation and Takushoku University, (1986 - 1987)
- **American Field Service (AFS) Exchange Student**
 - Don Bosco College, Gent, Belgium (1984 - 1985)

Language Proficiency

- **English:** Fluent in speaking, writing, and reading.
- **Japanese:** Fluent in speaking, writing, and reading.
- **Dutch:** Fully functional.
- **Indonesian:** Mother tongue.
- **Javanese:** Mother tongue.

Citizenship Indonesia

Birth 6th September 1966 in Probolinggo, East Java, Indonesia

Personal Characteristics

- **Open-minded:** Embracing diverse perspectives and ideas.
- **Disciplined:** Consistently maintaining a structured and organized approach.
- **Quick Problem Solver:** Demonstrating efficiency in addressing challenges.
- **Quick Decision Maker:** Making timely and effective decisions.