



Rendy Bayu Aditya

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1. CURRENT EMPLOYMENT

2018 - current	Lecturer Urban and Regional Planning Program, Architecture and Planning Department, Universitas Gadjah Mada Responsibility: <ol style="list-style-type: none">TeachingResearchCommunity ServicesQuality Management (Accreditation and Curriculum Evaluation)
Research Interests	<ol style="list-style-type: none">Environmental planningNatural resources managementCircular economy / citiesApplied GIS

2. LANGUAGES & COMPUTER SKILLS

Languages:

No.	Language	Level
1.	Indonesian	Native
2.	English	IELTS; Total score: 7 Writing: 6; Speaking: 6.5; Reading: 7 ; Listening 8.5

Computer Skills

No.	Computer Skills	Level
1.	Office (Word, Excel, Powerpoint, etc)	Advanced
2.	Geographic Information System (ArcGIS, QGIS)	Advanced
3.	System Dynamics Modelling (Vensim)	Intermediate
4.	Video Editing (iMovie)	Intermediate
5.	Graphics (Corel Draw, InDesign)	Intermediate
6.	Qualitative Analysis (ATLAS.ti)	Intermediate
7.	Bibliographic (Mendeley, VOSviewer, PoP)	Intermediate
8.	Statistics (SPSS)	Basic
9.	R for Data Analytics	Basic

3. EDUCATION & TRAINING

Formal Education:

No.	Year	Program and Institution	Level and Degree
1.	2016	Master of Urban Planning, the University of Melbourne, Australia	Master of Urban Planning (MUP)
2.	2013	Bachelor of Urban and Regional Planning Program, Universitas Gadjah Mada, Indonesia	Bachelor of Engineering (B.Eng) in Urban and Regional Planning
3.	2007	SMA Mutiara 17 Agustus, Bekasi Indonesia	Senior High School

Non-Degree Training:

No.	Year	Topic	Training Provider
1.	2021	Inside the Circular Economy: Beyond the Basics (online training)	Ellen MacArthur Foundation
2.	2021	Data Science with Python (online training)	Sadasa Academy, Yogyakarta, Indonesia
3.	2021	Data Science with R: Basic Course (online training)	Sadasa Academy, Yogyakarta, Indonesia
4.	2021	Data Science with R: Intermediate Course (online training)	Sadasa Academy, Yogyakarta, Indonesia
5.	2020	System Dynamic for Environmental Modelling (online training)	Center for Environmental Studies, Bandung Institute of Technology, Bandung, Indonesia
6.	2020	Greening the Economy: Sustainable Cities (Coursera)	Lund University, Sweden
7.	2019	Ur-Scape Planning Support System	Future Cities Lab (Singapore-ETH), in Semarang, Indonesia
8.	2019	Innovative Learning Ecosystem Training for New Lecturers	Human Resources Development Universitas Gadjah Mada, Sleman, Indonesia
9.	2018	Ecosystem Services: A Method for Sustainable Development (Coursera)	University of Geneva, Switzerland
10.	2018	Basic Training for UGM New Lecturers	Human Resources Development Universitas Gadjah Mada, Sleman, Indonesia
11.	2017	Training and Certification of Indonesian Association for Urban and Regional Planners	Indonesian Association for Urban and Regional Planners Yogyakarta Chapter, Yogyakarta, Indonesia
12.	2014	Intensive Academic Program	The University of Melbourne, Melbourne, Australia
13.	2014	English for Academic Purpose	IALF, Jakarta, Indonesia
14.	2011-2012	English Conversation Course	LIA, Sleman, Indonesia

4. ACADEMIC EXPERIENCE & COMMUNITY SERVICES

Publications:

1.	2021	Aditya R.B. , Ningam M. Assessing City Greenness using Tree Canopy Cover: The Case of Yogyakarta, Indonesia. GEOGRAPHY, ENVIRONMENT, SUSTAINABILITY. 2021;14(1):71-80. https://ges.rgo.ru/jour/article/view/1694
2.	Forthcoming	Aditya R.B. , Husna Z. Identification of Sprawl Development Typologies around Toll Road Gates in Java, Indonesia. Jurnal Tata Loka.
3.	Forthcoming	Aditya R.B. , Zakiah A. Practical Reflection and Benefits of Making a Kitchen Garden at Home During Covid-19 Pandemic. International Journal of Food Studies.
4.	Forthcoming	Wibowo S.B., Aditya R.B. , Harianto T.F., Harnessing Open Data And Technology For Accessibility Study: The Case Of Indonesia's Capital Site Candidate. Spatium (Journal).
5.	2020	Aditya R.B. , Ayudiah M., <i>Penilaian Daya Tarik Obyek Wisata: 20 Obyek Wisata di Ponorogo, Indonesia (An Assessment of Tourism Attractiveness: 20 Tourism Destinations in Ponorogo, Indonesia)</i> . Plano Earth Journal. 2020; 5(2): 95-110. https://journal.ummat.ac.id/index.php/JPE/article/view/2615
6.	2016	Toward Water Sensitive Cities. The Jakarta Post. https://www.thejakartapost.com/academia/2016/04/05/toward-water-sensitive-cities.html
7.	2014	Rusadi E.M., Aditya R.B. , Putrarinsi P.G., Wibisono B.H., Creative Design Of Multipurpose Space On Pedestrian Sidewalks Case Study : Kaliurang Street, Yogyakarta. Jurnal Tata Kota dan Daerah. 2014: 6(1): 27-30. https://www.tatakota.ub.ac.id/index.php/tatakota/article/view/178/167

Seminar and Conference

1.	2019	Presenter at The 1st International Conference on Global Development (ICODEV), Surabaya Institute of Technology, Surabaya, Indonesia. My presentation entitled: <ol style="list-style-type: none"> Using Problem Tree Technique for Mapping and Prioritising Urban Environmental Problems. The Case of the City of Madiun. Evaluation of SDGs Achievement in Urban Environment Related Goals
2.	2019	Presenter at EduARCHsia, Universitas Islam Indonesia, Sleman, Indonesia. My presentation entitled: Preparing Future Planners: Learn to Develop Planning Support System Conceptual Models
3.	2013	Presenter at Kota untuk Semua, a National Seminar in Commemoration of International Habitat Day 2013. My presentation entitled: <ol style="list-style-type: none"> Opportunities and Challenges of Spatial Planning in a Conservation Regency. The Case of South Aceh. (presented in Indonesian) Land Use Development in Heritage Tourism Area. The Case of Tlogo, Prambanan. (presented in Indonesian)

Research:

1.	2021 (on-going)	Co-Principal Investigator Exploring Circular Economy Potentials in Local Development. Case Study: Organic Waste, Solar Energy, Aquaculture, and Livestock Sectors in Pekalongan Funding: Urban and Regional Planning Program Team member: Ghinaafia Putri Diah Priliya, Raihan Fauziah, Ayu Febri Wulan, Bima Juantara, Rafida Magfirah
2.	2020-2021	Co-Principal Investigator

		Estimating The Impact of Sea Level Rise on Coastal Land. The Case of Pematang, Indonesia. Funding: Urban and Regional Planning Team member: Hernand Bagaskara Outcome: submitted article
3.	2020	Co-Principal Investigator Identification of Sprawl Development Typologies around Toll Road Gates in Java, Indonesia Funding: - Team member: Zumarotul Husna Outcome: forthcoming article
4.	2020	Co-Principal Investigator Practical Reflection and Benefits of Making a Food Garden at Home during COVID-19 Pandemic Funding: - Team member: Aisyah Zakiah Outcome: forthcoming article
5.	2020	Co-Investigator Harnessing Open Data and Technology For Accessibility Study: The Case Of Indonesia's Capital Site Candidate Funding: - Team member: Dr. Budhi Soleh Wibowo (Team Leader), Tirza Felia Harianto Outcome: forthcoming article
6.	2019	Principal Investigator Assessing City Greenness using Tree Canopy Cover. The Case of Yogyakarta Funding: City of Yogyakarta Land and Spatial Plan Agency Team member: Muh. Ulul Lizamun Ningam Outcome: published article
7.	2019	Principal Investigator Integrating Agricultural Products Valuation and Land Suitability Analysis into Spatial Planning. The Case of Jepara, Indonesia Funding: Urban and Regional Planning Program Team member: Syarofina Az Zahra Outcome: submitted article
8.	2018	Principal Investigator Measuring Tourism Destinations Attractiveness in Ponorogo Regency Funding: Urban and Regional Planning Program; Collaboration with a student in Regional Planning Studio Team member: Chrismonica Ayudiah Outcome: published article
9.	2015 - 2016	Master Thesis Plan Quality Evaluation of Green Open Space Planning in Jakarta Outcome: unpublished thesis report
10.	2012	Undergraduate Thesis Land Use Development around Heritage Tourism Area. Case: Prambanan Temple Area Outcome: unpublished thesis report; conference presentation

Social Activities and Community Services:

1.	2021 (on-going)	Sekolah Krisis Iklim / Climate Crisis School for Public Sector Workers Funded by Engineering Faculty, UGM.
2.	2020	Development of Urban Farming System as Covid-19 Pandemic Response Funded by Engineering Faculty, UGM. Collaboration with Paguyuban Kalijawi & Arkom Institute https://www.youtube.com/watch?v=zy0aOpnktFU

3.	2019	Using Physical Model of Parangtritis Sand Dunes for Eco-Tourism Education Media Funded by Community Services Division, UGM.
4.	2019	Identification of Problems/Opportunities of Clean Water Access in Yogyakarta Kampung Funded by Engineering Faculty, UGM; Collaboration with Paguyuban Kalijawi
5.	2018	Workshops on Sustainable Household Solid Waste Management Funded by Engineering Faculty, UGM; Collaboration with Paguyuban Kalijawi
6.	2018	Improvement of Cultural Village Governance to Support SDGs in Local Community of Tuksono Village Funded by Community Services Division, UGM.
7.	2016	Volunteer at Brunswick Community Garden, Melbourne, Australia
8.	2015 - 2016	Volunteer at Pengajian Brunswick (P-Brunswick) Indonesian muslims community in Melbourne, Australia
9.	2010	Field Coordinator of Students Community Service Program, UGM Integrating rural and heritage tourism in Kebondalem Kidul, Prambanan. Funded by PSPPR UGM & Faculty of Engineering UGM.

Academic and Organisational Services:

1.	2021	A Peer-Reviewer for <i>Jurnal Perencanaan dan Pengembangan Kebijakan (JPPK)</i>, Lampung Institute of Technology (ITERA), Lampung, Indonesia
2.	2021	Team Member of 'Kampus Merdeka' Program for BURP , the Department of Architecture and Planning, Universitas Gadjah Mada, Indonesia
3.	2021	Discussant and Organiser for a Public Discussion on 'Where are Gito-Gati Street Trees Gone?' by Master of Urban and Regional Planning, Universitas Gadjah Mada
4.	2021	A Peer-Reviewer for <i>Geography, Environment, and Sustainability Journal</i> Lomonosov Moscow State University, Moscow, Russia
5.	2021	Invited Speaker for a Public Discussion on 'Emergency Situation of Piyungan Landfill' by the Student Executive Board, Universitas Gadjah Mada. My presentation entitled: Impacts of Waste Mismanagement on Life (presented in Indonesian)
6.	2021	Exhibition Committee Member of Commemoration of the Engineering Education Day , Faculty of Engineering, Universitas Gadjah Mada
7.	2020	Team Member of New BURP Curriculum Formulation , the Department of Architecture and Planning, Universitas Gadjah Mada, Indonesia
8.	2020	Team Leader for BURP and MURP International Accreditation Online Assessment , the Department of Architecture and Planning, Universitas Gadjah Mada Indonesia
9.	2020	Invited Discussant for Student Internship Evaluation at Shirvano Consulting
10.	2020	A Peer-Reviewer for the 5th International Conference on Indonesian Architecture and Planning , the Department of Architecture and Planning, Universitas Gadjah Mada Indonesia
11.	2020	A Peer-Reviewer for <i>Journal of Science and Applicative Technology (JSAT)</i> , Lampung Institute of Technology (ITERA), Lampung, Indonesia
12.	2019	Invited Speaker for a Public Discussion on 'Is Jogja Hot?' by Shirvano Consulting My presentation entitled: Mitigating Urban Heat Island in Yogyakarta (presented in Indonesian)

13.	2018-2019	Task Force Team Member for BURP and MURP International Accreditation , the Department of Architecture and Planning, Universitas Gadjah Mada Indonesia
14.	2018	Invited Speaker for an Introductory Session on Strategic Environmental Assessment of Mid-Term Development Plan, by City of Madiun, West Java, Indonesia
15.	2018	Chairperson for National Seminar on Regional Development , Celebration of 40th Anniversary of Study Center for Regional Development Planning, Universitas Gadjah Mada
16.	2018	Committee Member of the 4th International Conference on Indonesian Architecture and Planning , the Department of Architecture and Planning, Universitas Gadjah Mada Indonesia

5. WORK EXPERIENCE

Previous Institutions:

1.	2017-2018	Environmental Planning Expert Study Centre for Regional Development Planning, Universitas Gadjah Mada Responsibility: <ol style="list-style-type: none"> 1. Quality Assurance 2. Reporting 3. Research Project Management 4. Results Dissemination
2.	2016 - 2017	Research Assistant Spatial Planning Support Lab, Architecture and Planning Department, Universitas Gadjah Mada Responsibility: <ol style="list-style-type: none"> 1. Data analysis and management 2. Team Coordinator 3. Research Management and Assistantship
3.	2013-2014	Project Assistant Study Centre for Regional Development Planning, Universitas Gadjah Mada Responsibility: <ol style="list-style-type: none"> 1. Data analysis (spatial/GIS, qualitative, quantitative) 2. Field observation
4.	2012-2014	Project Assistant Study Centre for Environment, Universitas Islam Indonesia Responsibility: <ol style="list-style-type: none"> 1. Data analysis (spatial/GIS, qualitative, quantitative) 2. Field observation

Teaching and Training Experience:

1.	First Semester (August - December) 2018-2021	Bachelor Subjects: Natural Resources and Environment (2 credit-core subject; teaching member) Regional Analysis Studio (5 credit-core subject; supervisor for 16 students) Land Use Planning (3 credit-core subject; teaching member) Internship (2 credit-core subject; supervisor for 5-7 students) Master Subjects: Project Planning Studio (4 credit-core subject; tutor)
2.	Second Semester (January - July) 2018-2021	Bachelor Subjects: Planning Support System (2 credit-core subject; teaching member) Regional Planning Studio (5 credit-core subject; supervisor for 16 students) Plan Monitoring and Evaluation (2 credit-core subject; teaching member) Energy Infrastructure Planning (2 credit-core subject; teaching member) Internship (2 credit-core subject; supervisor for 2-3 students)

		Master Subjects: Spatial Planning Studio (4 credit-core subject; tutor)
3.	2017-2019	Bachelor Subject: International Joint Studio (bachelor level; 2 credit-elective subject; tutor)
4.	2019	Instructor for a Training on Detail Spatial Planning Method , Non-Degree Short Course Program of Master of Urban and Regional Planning, Universitas Gadjah Mada
5.	2019-2020	Instructor for a Training on Development Monitoring and Evaluation , Non-Degree Short Course Program of Master of Urban and Regional Planning, Universitas Gadjah Mada
6.	2018-2020	Instructor for a Training on Local Economic Resources Development , Non-Degree Short Course Program, Master of Urban and Regional Planning, Universitas Gadjah Mada
7.	2018	Instructor for a Training on Strategic Environmental Assessment , Non-Degree Short Course Program, Master of Urban and Regional Planning, Universitas Gadjah Mada
8.	2018	Invited Speaker for a Short Training on Spatial Plan Evaluation Method Training by City of Malinau, North Borneo, Indonesia
9.	2016	Instructor for a Training on Geographic Information System for Spatial Planning , Non-Degree Short Course Program, Master of Urban and Regional Planning, Universitas Gadjah Mada

Industry & Government Collaborations

1.	2018-2019	Environmental Planner Spatial Plan Project of Bulungan Regency, North Kalimantan Funded by the North Kalimantan Government
2.	2018	Environmental Planner / Project Leader Strategic Environmental Assessment for Yogyakarta Spatial Plan Funded by the Spatial Plan and Land Agency, City of Yogyakarta
3.	2018	Environmental Planner / Project Leader Strategic Environmental Assessment for Madiun Development Plan Funded by the Development Planning Agency, Madiun
4.	2018	Environmental Planner / Project Manager Zoning Ordinance Preparation for Muara Bungo Urban Detailed Spatial Plan: Tuo Limbur Area, Rantau Kelayang Area, KTM Bathin 3 Ulu Area, Embacang Gedang Area Funded by the Muara Bungo Regency Government
5.	2017	Environmental Planner Environmental Valuation of Wanatirta Open Space Funded by PT. Pupuk Kaltim
6.	2017	Environmental Planner / Project Manager Strategic Environmental Assessment for Muara Bungo Urban Detailed Spatial Plan: Tuo Limbur Area, Rantau Kelayang Area, KTM Bathin 3 Ulu Area, Embacang Gedang Area Funded by the Muara Bungo Regency Government
7.	2017	Environmental Planner Strategic Environmental Assessment for South Konawe Spatial Plan Funded by the Southeast Sulawesi Government
8.	2017	Plan Evaluation Expert

		South Konawe Spatial Plan Evaluation Funded by the Southeast Sulawesi Government
9.	2017	Urban Design Analyst / Project Manager A Study on Strategic Urban Blocks Development in Yogyakarta Funded by the Spatial Plan and Land Agency, City of Yogyakarta
10.	2016	Urban Policy Analyst / Project Manager A Study on Street Vendors Management in Sleman Funded by the Sleman Regency Government
11.	2013-2014	Urban Policy Analysis Assistant An Evaluation and Road Map for Disadvantaged Areas Development Funded by Ministry of Village, Development of Disadvantaged Regions and Transmigration of Republic of Indonesia
12.	2013	Urban Design Surveyor Urban Design Guideline for Waisai Raja Ampat Funded by the Raja Ampat Regency Government
13.	2013	GIS Technician Feasibility Study for a Municipal Landfill in Nganjuk, Indonesia Funded by Bappeda Nganjuk

6. AWARDS & ACHIEVEMENTS

No.	Year	Description
1.	2014	Awardee of Australia Awards Scholarships , Department of Foreign Affairs and Trade.
2.	2013	2nd Place of Banjarsari Monument Green Open Space Design Competition, City of Surakarta, Indonesia
3.	2013	20% Best Engineering Faculty Students , Universitas Gadjah Mada, Indonesia
4.	2012	1st Winner of National Student Scientific Paper Competition in Commemoration of Indonesian Regulation of Buildings, by the Ministry of Public Works, Indonesia. My paper entitled: Potentials of Green Buildings to Address Urban Heat Island in the City of Yogyakarta.
5..	2011	1st Consolation Place of Karangwaru Green Open Space Design Competition by the Department of Public Works, Special Region of Yogyakarta Province, Indonesia.
6.	2011	1st Winner of Alun-Alun Kidul Public Open Space Design Competition by the Department of Public Works, Special Region of Yogyakarta Province, Indonesia.