

# Erwin Nugraha

Post-Doctoral Research Assistant (PDRA), University of Durham  
Address: 72 Hastings Avenue, Durham, United Kingdom DH1 3QQ  
Email: erwin.nugraha@durham.ac.uk  
Mobile phone: +44(0)-795-5260-423

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## EDUCATION

2015 – current: **PhD in Human Geography, University of Durham, United Kingdom**

Thesis: “Resilience Governmentality: Rationality, Apparatus and Subjectivity in Building Urban Resilience in Indonesia” (passed viva voce on November 23<sup>rd</sup>, 2018)  
Supervisors: Dr Andrew Baldwin, Professor Harriet Bulkeley  
Examiners: Professor Marcus Power (University of Durham), Professor Vanesa Castán Broto (Sheffield University's Urban Institute)

2013 – 2014: **MSc in Risk and Environmental Hazards, University of Durham, United Kingdom**

Dissertation: “Evaluating Exogenous Force in Climate Change Adaptation: A Case Study of Bandar Lampung City, Indonesia”  
Supervisors: Dr Andrew Baldwin, Professor Alexander Densmore

2004 – 2009: **Bachelor of Engineering (ST), Regional and City Planning, Bandung Institute of Technology (ITB), Indonesia**

Final project: “Financial Feasibility Analysis of Drinking Water Supply Coverage with Debt Eradication Policy (Case Study: Bandung City, Indonesia)”  
Supervisors: Widiarto, Ph.D.; Dr Sri Maryati

## PROFESSIONAL CERTIFICATION

2013                      Project Management for Development Professionals – Level 1 (PMD Pro1)

## RESEARCH INTERESTS

The politics and governance of climate change adaptation, cultures of risk and resilience, and environmental geographies in the Global South

## ACADEMIC PUBLICATIONS

### Peer-reviewed journals

- **Nugraha, E.** Two figures of climate human: Climate change resilience and subjectivities. *Global Environmental Change*. In preparation.
- **Nugraha, E.** Resilience governmentality: Urban climate change resilience, intermediate cities, and knowledge-power. *Transactions of the Institute of British Geographers*. In preparation.
- **Nugraha, E.** Why we disagree about resilience: Three epistemologies to conduct research on urban resilience. *Resilience: International Policies, Practices and Discourses*. In preparation.
- **Nugraha, E;** Lassa, J.A. (2018). Towards endogenous disasters and climate adaptation policy making in Indonesia. *Disaster Prevention and Management*, Volume 27 (2): 228-242.
- Tyler, S.; **Nugraha, E.**; Nguyen, H.K.; Nguyen, N.V.; Sari, A.D., Thinpanga, P.; Trang, T.T; Verma, S.S. (2016). Indicators of urban climate resilience: A contextual approach. *Environmental Science and Policy*, Volume 66: 420-426.
- Lassa, J.A.; **Nugraha, E.** (2014). From shared learning to shared action in building resilience in the city of Bandar Lampung, Indonesia. *Environment and Urbanization*, Volume 27 (1): 161-180.

### Working paper and conference proceeding

- **Nugraha, E.** (2018). Climate humans in the age of climate change. *A compendium of Allianz Climate Risk Research Award 2018 – Weathering the storms: Fostering our understanding of climate-related risks and our capacity to respond*. Allianz Climate Solutions: Munich.

- Tyler, S., **Nugraha, E.**, Nguyen, H.K., Nguyen, N.V., Sari, A.D., Thinpanga, P., Tran, T.T., Verma, S.S., Swanson, D., and Bizikova, L. (2014). Developing indicators of urban climate resilience. *ISET Climate Resilience Working Paper 3*. ISET: Boulder, Colorado.
- **Nugraha, E.** (2013). City case study: Multi-stakeholders processes of vulnerability assessment and resilience strategies in Bandar Lampung, Indonesia. *Proceedings of the Resilient Cities 2013 Congress*, [online] Available at: <[http://resilient-cities.iclei.org/fileadmin/sites/resilient-cities/files/Resilient\\_Cities\\_2013/RC2013\\_Nugraha\\_01.pdf](http://resilient-cities.iclei.org/fileadmin/sites/resilient-cities/files/Resilient_Cities_2013/RC2013_Nugraha_01.pdf)> [Accessed January 14<sup>th</sup>, 2018].

#### **Book chapter**

- **Nugraha, E.** Risk communication in adaptation planning and actions in Indonesia. In: Djalante, R.; Aldrian, E.; and Jupesta, J (eds). *Climate change research, policy and actions in Indonesia: Science, adaptation and mitigation*. Springer. *Abstract accepted and in preparation*.

#### **Edited book**

- Rusczyk, H; **Nugraha, E.** (eds). *Overlooked Cities: Perspectives from medium-sized cities of the Global South*. Routledge. *In preparation*.

### **ACADEMIC PRESENTATIONS**

#### **Conference session organisation**

- 2018 “Urban south’s medium-sized cities: emerging research session (1) & (2)”, *RGS-IBG Annual International Conference*, sponsored by Urban Geography Research Group (UGRG), co-convenors with Dr Hanna Rusczyk (Institute of Hazard, Risk and Resilience, University of Durham). Cardiff, UK, August 31, 2018.

#### **Conference presentations**

- 2017 “Resilient city: resilience and liberal governance.” *IHRR / DWD Conference: The Impact of Hazard, Risk and Disasters on Societies*. Durham, UK, September 20, 2017.
- 2017 “Climate Human: Urban climate experiments and resilience in the age of Anthropocene.” *RGS-IBG Annual International Conference*. London, UK, August 31, 2017.
- 2017 “Urban climate experiments and resilience in the age of Anthropocene.” *Lancaster’s Intellectual Party/Summer Conference*. Lancaster University, UK, June 26, 2017.
- 2017 “Re-thinking resilient city: urban spaces and politics.” *3<sup>rd</sup> International Conference on Urban Sustainability and Resilience*. University College London, UK, June 13, 2017.
- 2013 “From shared learning to shared actions for building urban climate resilience: Lessons from Bandar Lampung, Indonesia.”, co-author with Dr Jonatan Lassa. *3<sup>rd</sup> Asia-Pacific Climate Change Adaptation Forum*. Incheon, Korea, March 17, 2013.

### **RESEARCH PROJECTS**

- Mar – Nov 2018 “Urban political ecology and disaster risk reduction in *kampongs* (urban villages) in Bandar Lampung, Indonesia”, collaborative research project with researchers at *Institut Teknologi Sumatera*, Indonesia, total funding: £1,044
- Sep 2014 – Jan 2015 “Private sectors engagement in climate change adaptation at national and local level in Indonesia”, a study with MercyCorps Indonesia, funding: £1,566

### **TEACHING EXPERIENCE**

- 2018 – current *Part-time teacher or academic tutor*, University of Durham  
Department of Geography: GEOG1061 Environment & Society (Level 1 UG), GEOG1222 Introduction to Geographical Research (Level 1 BA UG), and GEOG2521 Urban Geography (Level 2 UG)
- 2017 – 2018 *Part-time teacher or academic tutor*, University of Durham  
Department of Geography: GEOG1061 Environment & Society (Level 1 UG), GEOG2661 Climate Change: Geographical Perspectives (Level 2 UG), and GEOG3621 Natural Hazards, Risk and Resilience (Level 3 UG)

## **EMPLOYMENT HISTORY (RESEARCH)**

*Start/End Date* November 2018 to current  
*Employer* Department of Earth Sciences, University of Durham  
*Type of Business* Collegiate public research university  
*Country* United Kingdom  
*Address* Department of Earth Sciences, Science Labs, Durham DH1 3LE  
*Position* Post-Doctoral Research Assistant (PDRA)  
*Description of Duties* Assigned as an Impact Manager to organise and conduct local community events and Train-the-Trainers events in the Health Interventions in Volcanic Eruption (HIVE) Project, with following responsibilities:

1. To prepare and organise a series of outreach and training events aimed at local communities in Yogyakarta, Indonesia in January 2019.
2. To assist the principal investigator in preparing and completing the Indonesian versions of printable outreach materials on research outputs for the local events aimed at non-academic audiences.
3. To liaise with local agencies to plan and book the events, and to invite local communities and stakeholder to the events.
4. To attend the Indonesian events and assist with training and evaluation exercises, and work closely with research partners for post-trainings follow up activities and future research collaboration.
5. To translate the evaluation data and digitise (using Excel or other spreadsheet software), and contribute to the data management.
6. To conduct analyses of evaluation data and write up the findings that will form the foundation for research projects outputs, publications and the evaluation of university's research impacts.

*Start/End Date* March to November 2018  
*Employer* Department of Urban and Regional Planning, Institut Teknologi Sumatera  
*Type of Business* Public university  
*Country* Indonesia  
*Address* Department of Urban and Regional Planning, Jalan Terusan Ryacudu, Kabupaten Lampung Selatan, Lampung 35365, Indonesia  
*Position* Senior Researcher  
*Description of Duties* Assigned as an External Senior Researcher on collaborative research project with researchers at Institut Teknologi Sumatera (ITERA) to study urban political ecology and disaster risk reduction in kampongs (urban villages) in Bandar Lampung, Indonesia, with following responsibilities:

1. To evaluate research proposal and conduct literature reviews on urban political ecology of disasters and climate change adaptation.
2. To organise data collection with qualitative research methods including semi-structured interviews, document collection, and archives research.
3. To conduct transcript analysis from qualitative data, undertake interpretation of empirical data, and work closely with research collaborators to produce research manuscript for publications.
4. To write up research findings and evaluate with research collaborators.

*Start/End Date* September 2014 to January 2015  
*Employer* Mercy Corps Indonesia  
*Type of Business* International non-government organisation  
*Country* Indonesia  
*Address* Jl. TB. Simatupang No. 5, Ragunan, Pasar Minggu, Jakarta Selatan 12550  
*Position* Senior Researcher Consultant  
*Description of Duties* Conduct a research study on private sectors engagement and financing climate change adaptation in Indonesia, with following responsibilities:

1. To assess the potential for private sectors engagement in climate change adaptation actions at national and urban level in Indonesia.
2. To analyse the insurance scheme in Indonesia and work closely with key research partners to develop climate risk micro-insurance products.
3. To identify and analyse best practices and reports on collaborative actions on climate change adaptation and insurance engagement.
4. To provide report and disseminate research results with internal management team and non-academic audiences on the insurance financialization of climate change adaptation and urban resilience.

**EMPLOYMENT HISTORY (PROFESSIONAL)**

*Start/End Date*                    May to August 2013  
*Employer*                            Mercy Corps Indonesia  
*Type of Business*                International non-government organisation  
*Country*                             Indonesia  
*Address*                             Jl. TB. Simatupang No. 5, Ragunan, Pasar Minggu, Jakarta Selatan 12550  
*Position*                            National Engagement and Corporate Liaison Officer  
*Description of Duties*        Organise, manage and plan national level agenda for national coordination and engagement with private sectors within Asian Cities Climate Change Resilience Network (ACCCRN) programme, with following responsibilities:

1. To identify and develop key national strategies for institutionalizing climate change adaptation and urban resilience at national level.
2. To liaise and conduct regular coordination with partner organisations involving national agencies and academic institutions, including National Development Planning Agency and Bogor Agricultural University.
3. To identify and develop proposals and liaise with insurance companies.

*Start/End Date*                    December 2009 to April 2013  
*Employer*                            Mercy Corps Indonesia  
*Type of Business*                International non-government organisation  
*Country*                             Indonesia  
*Address*                             Jl. TB. Simatupang No. 5, Ragunan, Pasar Minggu, Jakarta Selatan 12550  
*Position*                            Project Officer  
*Description of Duties*        Organise, manage and plan local level coordination within Asian Cities Climate Change Resilience Network (ACCCRN) programme especially in Bandar Lampung City, with following responsibilities:

1. To work closely as the primary local liaison to Bandar Lampung City Government and other local partners, including governmental agencies, universities and local non-government organisations (NGOs).
2. To conduct daily coordination, project planning and implementation and work closely with City Team as a local multi-stakeholders working group.
3. To plan and manage the delivery of studies and climate project activities including: vulnerability assessment (VA), pilot projects, sector studies, shared learning dialogues (SLDs), and city resilience strategy (CRS).
4. To prepare proposal development for urban climate change adaptation and resilience projects for donor funding.
5. To prepare and deliver trainings for local stakeholders and project partners, including university academics, non-government organisations (NGOs) local authority staffs.
6. To liaise and conduct regular coordination with donor and international partners for research and project delivery including The Rockefeller Foundation (Bangkok Office), Arup International Development (London), International Institute for Environment and Development (London) and Institute for Social and Environmental Transition (Boulder, Colorado).

7. To plan, manage and supervise climate change adaptation projects implementation, including: Master Plan of Integrated Solid Waste Management (2011), education and artificial groundwater conservation – biopore projects (2012 – 2014).

<i>Start/End Date</i>	May to June 2009
<i>Employer</i>	Mercy Corps Indonesia
<i>Type of Business</i>	International non-government organisation
<i>Country</i>	Indonesia
<i>Address</i>	Jl. TB. Simatupang No. 5, Ragunan, Pasar Minggu, Jakarta Selatan 12550
<i>Position</i>	Graduate Intern
<i>Description of Duties</i>	<p>Conduct research on “Slum Upgrading of Scavenger Settlement at Bantar Gebang Landfill, Bekasi City, Indonesia” in collaboration with Catherine Planty, master student from Institut d’Urbanisme de Grenoble, France, with following responsibilities:</p> <ol style="list-style-type: none"> <li>1. To conduct an ethnographic fieldwork, collect policy documents and public informations and provide translation for Catherine Planty.</li> <li>2. To assess settlements solutions for scavengers at Bantar Gebang Landfill.</li> <li>3. To write a final report and deliver presentation on research outputs.</li> </ol>

### **AWARDS AND PRIZES**

2017 Allianz Climate Risk Research Awards, Fourth Finalist  
Total award prize: €2,000

### **RESEARCH GRANTS AND SCHOLARSHIPS**

2018 Christopher Moyes Memorial Foundation, Conference Attendance Award  
Total funding: £1,100

2017 Van Mildert College, Conference Attendance Award  
Total funding: £250

2017 Department of Geography, University of Durham, Conference Fund  
Total funding: £500

2016 Van Mildert College Postgraduate Award  
Total funding: £1,286

2015 Department of Geography, University of Durham, Conference Fund  
Total funding: £500

2015 Christopher Moyes Memorial Foundation Doctoral Scholarship  
Total funding: £85,789 for three years including tuition and maintenance costs

2014 Norman Richardson Postgraduate Research Fund  
Total funding: £285

2013 Open Society Foundations – Durham University Scholarship Program 2013 – 2014  
Total funding: £828 monthly maintenance support in addition to arrival allowance £550, thesis allowance £301 and tuition £13,300 during Risk masters

### **TRAINING AND DEVELOPMENT**

November 2018 Utrecht Winter School on Earth System Governance, organised by Utrecht University, Netherlands

November 2012 Training Workshop on Urban Spatial Planning in Response to Climate Change in Asia, organised by National Taipei University (NTPU), Taiwan

July 2012 A Short Course on Urban Adaptation to Climate Change, organised by International Centre for Climate Change and Development (ICCCAD), Dhaka, Bangladesh

- September 2011 The International Training Course on Climate Change and Climate Risk Management in a Changing Urban Environment, organised by Asian Disaster Preparedness Center (ADPC), Bangkok, Thailand
- October 2010 IAP International Conference on Southeast Asia Metropolises and Urbanization: Challenges and Tools in A Context of Climate Change, organised by Indonesian Association of Urban and Regional Planners (IAP), Jakarta, Indonesia
- September 2010 SEI-UNISDR Asia Regional Writeshop to Support Developing Country Publications on Disaster Risk Reduction and Adaptation to Climate Change, organised by Stockholm Environment Institute (SEI) and United Nations International Strategy for Disaster Reduction (UNISDR), Bangkok, Thailand
- August 2010 ITB-UNCRD Senior Policy Seminar on Climate Change and Poverty in Asia – Pacific, organised Bandung Institute of Technology (ITB) and United Nations Centre for Regional Development (UNCRD), Bandung, Indonesia

### **LANGUAGE SKILLS**

Language	Level of Proficiency		
	Speaking	Reading	Writing
English	Excellent	Excellent	Advanced
Indonesian	Mother tongue	Excellent	Excellent
Malaysian	Basic	Poor	Poor

### **MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS**

Member, Indonesian Association of Urban and Regional Planners (IAP)

Member, Indonesia Disaster Research Network (IDRN)

Member, Youth and Young Professionals on Innovation Science and Technology Platform for Resiliency (U Inspire)

### **ACADEMIC REFERENCES**

#### **1. Dr Andrew Baldwin**

Associate Professor in the Department of Geography, University of Durham (doctoral supervisor)

Address: Department of Geography, Durham University, South Road, Durham DH1 3LE, UK

Telephone: +44 (0) 191 33 41985

Email: w.a.baldwin@durham.ac.uk

#### **2. Professor Harriet Bulkeley**

Professor in the Department of Geography, University of Durham (doctoral supervisor)

Address: Department of Geography, Durham University, South Road, Durham DH1 3LE, UK

Telephone: +44 (0) 191 33 41940

Email: h.a.bulkeley@durham.ac.uk

#### **3. Dr Claire Horwell**

Associate Professor (Reader) in the Department of Earth Sciences, University of Durham (principal investigator of HIVE Project)

Address: Department of Earth Sciences, Durham University, Science Labs, Durham DH1 3LE

Telephone: +44 (0) 191 33 42253

Email: claire.horwell@durham.ac.uk

#### **4. Professor Simon Marvin**

Director of the Urban Institute at the University of Sheffield (former doctoral supervisor)

Address: Urban Institute, ICOSS, The University of Sheffield, 219 Portobello, Sheffield, S1 4DP, UK

Email: s.marvin@sheffield.ac.uk