

CURRICULUM VITEA (revised: 13<sup>th</sup> April 2020)

**1 PERSONAL DATA**

Name : Ruhizal Roosli  
 DOB/Age : 1978/42  
 Nationality : Malaysia  
 Country of Residence for the Past Five Years : Malaysia  
 Institutional affiliation : Universiti Sains Malaysia  
 Current Position : Senior Lecturer  
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**Qualifications**

Year	Degree	Discipline	University
2010	Doctor of Philosophy	Disaster Management, Development Planning & Housing Studies	Northumbria University, Newcastle Upon Tyne, UK
2005	Master of Science	Housing Studies	Universiti Sains Malaysia
2014	Advanced Diploma in Peace Operations and Crisis Management	Crisis & Conflict Management	Institute for International Political Studies (Milan, Italy)
2017	Postgrad. Cert. in Shelter and Settlement in Emergencies	Emergency Management	IFRC & Oxford Brookes University, UK
2001	Bachelor of Science (Housing, Building & Planning)	Building Technology – Building Survey	Universiti Sains Malaysia

**Aministration Post**

Year	Position
2020	Assistant Dean of Internal and External Engagement - Engaging with the World, HBP, USM
2017	Chairman of Urban & Regional Planning Programme, HBP, USM
2014, 2015, 2017	Co-ordinator of Master in Housing Programme, HBP, USM
2013, 2014	Co-ordinator of Housing, Building & Planning Library, USM

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**Teaching Subjects**

Code/Unit	Title
RHS513/3	Housing & Technology
RHS509/8	Research Project in Housing (Co-ordinator)
RHS507/6	Housing: Case Study (Co-ordinator)
RUL573/6	Reserch Project in Planning (Co-ordinator)
RLD508/3	Environmental Impact Assessment
RPS205/7	Planning Studio
RPK351/3	Urban & Regional Economics
RPK 231/3	Principles of Planning
RPK133/3	Methods of Planning Analysis (Co-ordinator)
RPK343/3	Social Aspects in Planning
RAK345/3	Housing Studies
RHS505/3	Housing Law
RHS 502/3	Planning & Housing Development
RHS 510/3	Socio Economic Aspects in Housing (Co-ordinator)
RHS 511/3	Housing Research Methods (Co-ordinator)
RHS512/3	Housing Design
RTK536/3	Tourism and Infrastructure Services

**Work Experience**

Year	Position	Field of Work	Place of Work
2018-2019	Post-doctoral Fellow	Governance, Disaster Management & Development Planning	School of Arts and Social Sciences, Monash University (Malaysia)
2018-present	Academic Fellow	Development Planning & Housing Studies	Centre for Policy Research and International Studies (CenPRIS), Universiti Sains Malaysia
2016-present	Visiting Scholar	Housing Studies, Disaster & Development	Engineering & Environment, Northumbria University, Newcastle Upon Tyne, UK
2013-2013	Research Officer (Attachment)	Development Planning & Housing Studies	Bumiputera Participation & Coordination Section, Implementation and Coordination Unit (ICU), Prime Minister Department, Level 4, Federal Building, 10400 Penang
2010-present	Senior Lecturer	Housing Studies, Development Planning & Disaster Management	School of Housing, Building and Planning, Universiti Sains Malaysia, Penang
2006-2010	Academic Fellow	Development Planning & Housing Studies	School of Housing, Building and Planning, Universiti Sains Malaysia, Penang
2004-2006	Research and Development Manager	Administration of Housing Project Development	Saufi Ventures Sdn. Bhd., 15, Jalan Pisang Rastali, Air Itam, Penang 11500
2002-2004	Project Executive	Administration of Housing Project Development	Asiabina Holdings Sdn. Bhd., 24, Lebu Nipah 5, Sungai Nibong, Bayan Lepas, Penang 11900
2001-2002	Site Project Engineer	Supervision of Construction Project Development	Ten Tel & Construction Sdn. Bhd., 998, Kampung Belah Dua Permatang Pauh Seberang Prai, Penang 13500

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- Field of Specialization** : Disaster Management, Post-Disaster Reconstruction, Development Planning & Housing Studies
- Professional Qualification** :
1. Chartered Member (membership no. 1034446), Chartered Institute of Housing (MCIH), United Kingdom.
  2. Corporate Member (membership no. 11101043), Chartered Association of Building Engineers (MCABE), United Kingdom.
  3. Chartered Member (membership no. 023559), Chartered Institute of Architectural Technologists (MCIAT), United Kingdom.
  4. Probationer Member (membership no. P12956), Royal Institution of Surveyors Malaysia.
- Academic Member** :
1. Disaster & Development Network (DDN), Northumbria University, Newcastle Upon Tyne, Affiliate Member
  2. Mixed Methods International Research Association (MMIRA), Member No. 44274579, USA
  3. International Humanitarian Studies Association, International Institute of Social Studies, The Hague, Member
  4. United Nations Human Settlements Programme UNHABITAT (Habitat UNI Focal point), 2014-present, Nairobi, Kenya
  5. Reviewer for International Journal of Disaster Risk Reduction
  6. Reviewer for Journal of Construction in Developing Countries
  7. Reviewer for Journal International Journal of Disaster Resilience in the Built Environment
  8. Reviewer for International Journal of Disaster Prevention and Management

## 2 ACHIEVEMENTS

- Grants/ Related Research Projects** :
1. Emergency Housing in Malaysia: Research on Attitudes to Regulation and Compliance, World Bank-ProVention Consortium (International)
  2. The Role of Practitioners in Web-Based Communication for Post-Disaster Reconstruction Projects in Southeast Asia, World Bank-Global Development Network (International)
  3. Sustainable Reconstruction: Towards Guidelines of Post-disaster Vulnerability Reduction for Permanent Informal Housing in Kelantan due to Flooding, FRGS (National)(KPT)
  4. Fundamental Classification of Innovation Creation and Adoption in the Malaysian Construction Industry, FRGS (National)
  5. The Evaluation of Community Participation in Post-Disaster Housing Reconstruction Projects, USM (Short-term)
  6. Conservation of Management and Process of Malay Vernacular House Construction on Northern States of Malaysia: An Exploratory Study (Local Knowledge), LRGS (National)(KPT)
  7. Managing Disasters In Malaysia: The Attitudes of Officials towards Compliance with the MNSC Directive 20, USM (Insentive Grant)
  8. Bumiputera Strategic Plan for Penang 2013 – 2015, External Grant, Prime Minister's Department (National)
  9. Housing Typology and Neighbouring Relationship, USM (Short-term)
  10. Assessment of International Tourist Route to Islands in Malaysia and the Impact of the Island Tourism, USM (RUI)

11. Development of Geographical-Based Community Resilience Index (CRI) for Sustainable Coastal Development in Northern Region of Malaysia, USM (RUI)
12. Issues on Affordable Housing, Penang, School of Housing, Building & Planning, USM, (Penang State)
13. Kedah Transformation Lab - Housing, 1-30 September 2013, Kedah State Government, (Kedah State)
14. A Study on Guidelines for Social Impact Assessment, Jabatan Perancangan Bandar & Desa Pulau Pinang, Malaysia, (Penang State)
15. Project for Urban Renewal of Bukit Mertajam, MPSP, JICA, Yokohama City, Yokohama City University & Penang State (Majlis Perbandaran Seberang Perai & YCU, Japan)
16. Improvement of the Penang State Structure Plan Draft (2030) (CenPRIS, USM)
17. Penang Bumiputera Socio-economic Enhancement (CenPRIS, USM)
18. Studies on Housing & Social Issues in Penang Island (forthcoming)(MBPP)
19. Proposal of the Concept Development for Industrial and Commercial Zone at Kulim Hi-Tech Park, Kedah (KHTP)(forthcoming)(PBT TPHTK)
20. Implementing Web-Based Project Management System with Real Time Updates on Post-Disaster Reconstruction Projects in Southeast Asia, USM (RUI)

**Awards / Recognitions**

- : 1. International Student Award (2009), Northumbria University, Newcastle Upon Tyne, United Kingdom
2. Japanese Award for Outstanding Research on Development (2019), Government of Japan
3. Young Researcher Award (2008) International, World Bank- ProVention Consortium, Switzerland
4. Excellent Service Award, USM, 2014, Universiti Sains Malaysia
5. Universiti Sains Malaysia Best PhD Thesis, 2017 (stewardship), Majlis Persada Kencana 2017, Universiti Sains Malaysia

### 3. SELECTED RESEARCH PUBLICATIONS:

#### Research Book

1. Muhammad Rusdi, Ruhizal Roosli & Mohd Sanusi S Ahamad (forthcoming) Land Suitability Evaluation Method for Post-Disaster Settlement, Universiti Sains Malaysia Publication, 390 pages.
2. Ruhizal Roosli, Muhammad Rusdi, Mohd Sanusi S Ahamad & Andrew E. Collins (2018) An Indonesian Study of Mixed Methods: An Example of Triangulation Strategy, Cambridge Scholars Publishing, UK, 350 pages.
3. Abu Hassan Abu Bakar, Ruhizal Roosli, Ernawati Mustafa Kamal & Zul Zakiyuddin Ahmad Rashid (Eds.) (2017) A Complete Guide to Academic Research in the Built Environment & Engineering, Universiti Sains Malaysia Publication, 370 pages.
4. Ruhizal Roosli & Phil O'Keefe (2016) A Malaysian Study of Mixed Methods, Cambridge Scholars Publishing, UK, 487 pages.

**Journal/E-Journal/Journal Proceeding**

5. Sana Malik, Ruhizal Roosli, Farida Tariq & Nor'Aini Yusof (forthcoming) Conceptualizing Institutional Stakeholder Collaborations (ISCs) for Affordable Housing Provision, Journal of Housing and the Built Environment. (ISI).
6. Ruhizal Roosli, Sana Malik, Julaihi Wahid, & Helen Nesadurai (2019) Appraisal of Urbanisation, Township and Housing Trends for A Desired Future in Malaysia, Planning Malaysia, 17 (2): 5. (*Scopus*).
7. Sana Malik, Ruhizal Roosli, Farida Tariq & Nor'Aini Yusof (2019) Policy Framework & Institutional arrangements: Case of Affordable Housing Delivery for Low-Income Groups in Punjab, Pakistan, Housing Policy Debate, 30 (2): 243-268. (ISI)
8. Sana Malik, Ruhizal Roosli, Farida Tariq (2019) Investigation of Informal Housing Challenges and Issues: Experiences From Slum And Squatter of Lahore, Journal of Housing and the Built Environment, 34(133): 1-28. (ISI).
9. Ruhizal Roosli, Jestin Nordin, Geoff O'Brien (2018) The Evolution of Community Participation in Post-Disaster Housing Reconstruction Projects in Malaysia, Procedia Engineering, (*Scopus*).
10. Ruhizal Roosli, AE Collins (2016) Key Lessons and Guidelines for Post-Disaster Permanent Housing Provision in Kelantan, Malaysia, Procedia Engineering, 145: 1209-1217 (*Scopus*).
11. Ruhizal Roosli, AHA Bakar, NF Abas, M Ismail, S Abdullah, MN Yusof (2015) Criteria and determinants for assessing the sustainability of conservation management and process of Malay Vernacular House, Advances in Environmental Biology, 59-63 (*Scopus*).
12. Enas Ahmed Abdulla Shaqra'a, Nurwati Badarulzaman, Ruhizal Roosli (2015) Residents' Perception of the Affordability of Private Housing Schemes: Lessons from Aden, Yemen, Procedia Social and Behavioral Sciences, 202 (August): 11. (*Scopus*).
13. Ruhizal Roosli, Abu Hassan Abu Bakar, Noor Faisal Abas, Mazran Ismail, Shardy Abdullah and Muhammad Nizam Yusof (2015) Criteria and Determinants for Assessing the Sustainability of Conservation Management and Process of Malay Vernacular House, Advances in Environmental Biology, 9 (4): 3. (*Scopus*).
14. Muhammad Rusdi, Ruhizal Roosli and Mohd Sanusi S. Ahamad (2015) Land Evaluation Suitability for Settlement Base on Soil Permeability, Topography and Geology after Ten Year Tsunami in Banda Aceh, Indonesia, Egyptian Journal of Remote Sensing and Space Sciences, 85 (2): 12. (ISI).
15. Muhammad Rusdi, Ruhizal Roosli and Mohd Sanusi S. Ahamad (2015) Land Suitability Evaluation for Settlement Based on Soil Bearing Capacity in Banda Aceh, Indonesia, Advances in Environmental Biology, 9 (3): 4. (*Scopus*).
16. Nurush Syhadah Mahmud, Syarmila Hany Haron and Ruhizal Roosli (2015) Community Centre as a Disaster Relief Centre for Flood Victims, Advances in Environmental Biology, 9 (4): 3. (*Scopus*).
17. Mazran Ismail, Abu Hassan Abu Bakar, Noor Faisal Abas, Ruhizal Roosli and Shardy Abdullah (2015) Non-Structural Elements of the Traditional Malay Houses in the East Coast and Northern Peninsular Malaysia: Similarities and Differences, Applied Mechanics and Materials, 747: 4. (*Scopus*).
18. Muhammad Rusdi, Ruhizal Roosli, Mohd Sanusi S. Ahamad (2015) The Land Evaluation System For Sustainable Settlement in Banda Aceh, Indonesia, International Journal of Ecology & Development, 30 (3): 9. (ISI).
19. Khaled Mohammed Al Shareem, Nor'Aini Yusof and Ruhizal Roosli (2015) Organizational Innovation: The Impact of Organizational Culture on PPP Adoption in Yemen, Advances in Environmental Biology, 9 (5): 4. (*Scopus*).
20. Dzulkarnaen Ismail, Taksiah A Majid, Ruhizal Roosli, Noorazam Ab Samah (2014) Project Management Success for Post-Disaster Reconstruction Projects: International NGOs Perspectives, Procedia Economics and Finance, 18: 8. (*Scopus*).
21. Dzulkarnaen Ismail, Taksiah A Majid, Ruhizal Roosli, Noorazam Ab Samah (2014) A Review of Project Management for Post-disaster Reconstruction Project: from International NGOs (INGOs) Perspective, Research in Civil and Environmental Engineering, 2 (4): 9. (*IndexCopernicus, DOAJ*).
22. Ruhizal Roosli, Phill O'Keefe & Md Azree Othuman Mydin (2013) Evolution of Disaster Planning and Housing in Malaysia: A Literature Reviews, World Applied Sciences Journal, 21 (7): 14. (ISI).

23. Ruhizal Roosli & Phill O'Keefe (2013) Post Disaster Housing and Management in Malaysia: A Literature Reviews, International Journal of Disaster Resilience in the Built Environment, 4 (2): 12. (ISI).
24. Ruhizal Roosli & Phill O'Keefe (2012) Learning and Adaptation of Disaster Management and Housing Provision: The Malaysian Experience, Australian Journal of Emergency Management, 7 (3): 6. (ISI).
25. Ruhizal Roosli & Faizal Baharum (2012) Human Rights Violation in Providing Adequate Post-Disaster Housing in Malaysia: An Updated Review, Australian Journal of Basic and Applied Sciences, 6 (9): 6. (ISI).
26. Ruhizal Roosli & Geoff O'Brien (2011) Social Learning in Managing Disasters in Malaysia, An International Journal of Disaster Prevention and Management, 20, 4, 12. (ISI).
27. Ruhizal Roosli & Phill O'Keefe (2011) An Evaluation on Barriers in Implementing Disaster Planning and Housing Programme in Malaysia, Special Issue of Risk Management: An International Journal, 13 (4): 19. (ISI).
28. Ruhizal Roosli (2011) Policy and Mechanism on National Disaster and Relief Management, HABITAT Magazine Malaysia, UN-HABITAT & Ministry of Housing and Local Government Malaysia.
29. Ruhizal Roosli (2011) Housing Rights on Emergency Housing in Malaysia, HABITAT Magazine Malaysia, UN-HABITAT & Ministry of Housing and Local Government Malaysia.
30. Ruhizal Roosli & Phil O'keefe (2010) The Attitude of Officials Towards Compliance with Emergency and Housing Policies in Malaysia, Australian Journal of Basic and Applied Sciences, 4 (10): 4. (ISI).

#### **Book Chapter**

31. Ruhizal Roosli (forthcoming) Disaster Recovery and Re-Development Process, Flood Management in Malaysia, Universiti Sains Malaysia Publication.
32. Ruhizal Roosli, Azeem Fazwan Ahmad Farouk, Zul Zakiyuddin Ahmad Rashid (forthcoming) Dilemma of Community Participation, in Post-Disaster Housing Development, Universiti Sains Malaysia Publication.
33. Ruhizal Roosli (2018) Lessons From Tsunami Recovery Towards Guidelines of Housing Provision in Malaysia, Integrated Disaster Science and Management, Elsevier.
34. Ruhizal Roosli, Noor Faisal Abas, Abu Hassan Abu Bakar, Mazran Ismail & Shardy Abdullah (2017), Determination of Location Suitability for Malay Traditional House in Malaysia, Integrating Local Knowledge with Science & Technology, Universiti Sains Malaysia Publication.
35. Ruhizal Roosli (2017) How to Combine Multiple Research Methods: Methodological Triangulation, A Complete Guide to Academic Research in the Built Environment & Engineering, Universiti Sains Malaysia Publication.
36. Ruhizal Roosli (2015) Challenges in the Provision of Urban Housing Trend in Liveable Cities in Malaysia, Social Wellbeing of Urban Community: Development in Continuity, National Professor Council Publication.
37. Ruhizal Roosli (2013) Learning and Adaptation of Disaster Management and Housing Provision: The Malaysian Experience. In Mohamad Rashidi Pakri, Nurul Farhana Low Abdullah & Salasiah Che Lah (Eds.), Reengineering Local Knowledge (pp. 29-39), Universiti Sains Malaysia Publication.
38. Mahyuddin Ramli and Ruhizal Roosli (2013) Housing Construction: Improving the Productivity and Skills of Construction Workers. In Shareem Amry (Eds.), Housing the Nation: Policies, Issues and Prospects, Kuala Lumpur: Salt Media.