

Chethika Abenayake, EngD, MPlan (Environmental), BSc(T&CP), MITP



Senior Lecturer

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Academic Qualifications

Sept 2014 – December 2017 **Doctor of Engineering in System Safety**, Nagaoka University of Technology, Japan.

June 2009 – June 2011 **Master of Planning (Environmental Planning)**

CEPT University, India.

First Class (OGPA: 3.50/4.00, 78.97%)

Apr 2004 – Apr 2008 **BSc (Hons) Degree in Town & Country Planning**

University of Moratuwa, Sri Lanka.

First Class (OGPA: 3.98/4.2)

Work Experience

Oct 2017 – Up to date **Senior Lecturer** Department of Town & Country Planning, University of Moratuwa, Sri Lanka.

Oct 2011 – Oct 2017 **Lecturer** Department of Town & Country Planning, University of Moratuwa, Sri Lanka.

July 2008 – June 2009 **Instructor (Temporary)** Department of Town & Country Planning, University of Moratuwa, Sri Lanka.

Most Relevant and Recent Publications

1. CC Abenayake, Y Mikami, Y Matsuda, A Jayasinghe: **Ecosystem services-based composite indicator for assessing community resilience to floods**. 2018, Environmental development 27, 34-46
2. B Gunarathna, AB Jayasinghe, CC Abenayake, PKS Mahanama: **Assessing the impact of land use on triggering landslides: A case of Sabaragamuwa Province, Sri Lanka**. Bhumi, The Planning Research Journal. 2018, 6 (2)
3. C C Abenayake, M Yoshiki, A Marasinghe, Y Takashi, I Masahiro: **Applicability of extra-local methods for assessing community resilience to disasters: A case of Sri Lanka**. Journal of Environmental Assessment Policy and Management 2016; 18(2): 1-28, 1650010
4. Edith Shiromini Ranjan, C Chethika Abenayake: **A Study on Community's Perception on Disaster Resilience Concept**. Procedia Economics and Finance, 2014. 4, 88-94
5. P.K.S.Mahanama, C.Chethika Abenayake, P. Jayasinghe: **Challenge of local responses to climate change; perceptions of urban**

planning practitioners in Sri Lanka. Asian Journal of Humanities and Social Studies, 2014: 2(4): 506-512

6. P.K.S.Mahanama, C.Chethika Abenayake, Amila Jayasinghe, P.K.B.D.B. Bandara: **Climate responses of local authorities: a case of Sri Lankan coastal urban areas.** International Journal of Research in Social Sciences, 2014; 4(3):59-66
7. P.K.S. Mahanama, C.Chethika Abenayake, Amila Jayasinghe: **Batticaloa, Sri Lanka: Climate Change Vulnerability Assessment.** Jessica Pelham 01/2013; United Nations Human Settlements Programme (UN-Habitat).
8. P.K.B.D.B. Bandara, C.C.Abenayake, Amila Jayasinghe, P.K.S. Mahanama: **Study on the trends of rainfall and temperature patterns to identify the influence of climate variation in coastal cities in Sri Lanka.** Bhumi, The Planning Research journal, 12/2013; 5(1)

*Key Collaborations
with Research/Project
Institutions*

1. Conference Secretariat - Publication, FOSS4G Asia 2018 Conference, Moratuwa, Sri Lanka. Jointly organizing by Department of Town & Country Planning, University of Moratuwa, OSGeo Foundation – Asia and Osaka City University, Japan (2018)
2. Managing Editor, Bhumi Planning Research Journal
This journal is published by Sri Lanka Journals Online – National Science Foundation Sri Lanka <https://bhumi.sljol.info/> (2014 to date)
3. Environment planner, addressing climate change impacts on marginalized agricultural communities living in the Mahaweli River basin of Sri Lanka. The project was funded by Global Adaptation Fund and mobilized by the United Nations Development Programme (UNDP), Sri Lanka. (2017-2019)
4. Environment planner, Climate resilient action Plans for Coastal urban areas of Sri Lanka (CCSL). The project was jointly implemented by the Norwegian Institute of Water Research (NIVA), University of Moratuwa -Sri Lanka, United Nations Human Settlement (UNHABITAT), Batticaloa Municipal Council (BMC) & Negombo Municipal Council (NMC). (2011-2013)
[URL:http://climateresilience.lk/](http://climateresilience.lk/)
5. Environment planner, Vulnerability Mapping - Kesbewa Urban Council Area, Sri Lanka. This study was funded and reviewed by RUAF Foundation, The Netherlands. (2012)
6. Environment planner, Formulation of a City Development Strategies for Sri Lankan Cities to Respond to Climate Change Impacts; Case study – Batticaloa and Negombo Municipal Councils. (2011-2013), The project was jointly implemented by the University of Moratuwa -Sri Lanka and United Nations Human Settlement (UNHABITAT-Asia Pacific)