



Malinda Sukithabhaya Bandara Millangoda

Date of birth: 4 Jan 1987 | **Nationality:** Sri Lankan | **Phone number:**

(+1) 3466382183 (Mobile) | **Email address:** malinda_sbm@yahoo.com | **Email address:**

mstillangoda@uh.edu |

Address: 4444 Cullen Boulevard, Apt 103, 77004, Houston, United States (Home) |

Address: 3507 Cullen Boulevard, Room 318, S&R Building 1, 77204, Houston, United States (Work)

ABOUT ME

I am keen to enhance my understanding about atmospheric science and meteorology through research by aptly utilizing the analytical and problem solving skills I have acquired throughout my academic and professional career whilst fluently adapting and working in new and challenging working environments.

WORK EXPERIENCE

1 SEP 2023 - CURRENT Houston, United States

GRADUATE RESEARCH ASSISTANT UNIVERSITY OF HOUSTON

4 MAY 2015 - 10 AUG 2023 Colombo, Sri Lanka

METEOROLOGIST DEPARTMENT OF METEOROLOGY, SRI LANKA

- Monitoring current weather situation
- Analysis of state of the atmosphere using available information and tools
- Issuing of general and weather forecasts
- Issuing advisories and warnings for inclement weather for general public and marine community
- Liaising with media and other stakeholders in dissemination of forecasts and warnings
- Monitoring, issuing & dissemination of tsunami related warnings
- Conducting research related to meteorology

4 MAR 2012 - 29 APR 2015 Colombo, Sri Lanka

PROJECT EXECUTIVE (RESEARCH ANALYTICS AND INFORMATION DIVISION) LANKA LOGISTICS & TECHNOLOGIES LTD.

- During my period of training I was exposed to the financial side of LLTL as well as the administrative aspects of the company
- Provided me the opportunity to liaise with different Companies /Government Ministries and Departments
- Assisted in project management for Defence Headquarters Complex project (DHQC)
- Assisted in providing expertise in the technical aspect of the CBSL study to assess the infrastructure capacity readiness of the Colombo Central Business District
- Assisted in offering project management and procurement facilitation services to the Metro Colombo Solid Waste Management Project.
- Assisted in a study to provide recommendations to enhance profits of a Government owned resort.
- Research activities- gathering information/ writing proposals/ summarizing/writing short reviews etc.
- Correspondence with local and international entities

LANGUAGE SKILLS

Mother tongue(s): **SINHALA**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C2	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● EDUCATION AND TRAINING

21 AUG 2023 – CURRENT Houston, United States

PHD IN ATMOSPHERIC SCIENCE AND METEOROLOGY University of Houston

Website <https://www.uh.edu/nsm/earth-atmospheric/>

11 OCT 2020 – 30 JUL 2023 Nanjing, China

MASTER OF METEOROLOGY Nanjing University of Information Science and Technology

Address No.219, Ningliu Road, , Jiangsu, 210044, Nanjing, China | **Website** <https://en.nuist.edu.cn/> | **Field of study** Meteorology |

Thesis The Effect of Atlantic Nino on the Summer Monsoon Rainfall Anomalies of Sri Lanka

2010 – 2013 Kandy, Sri Lanka

POSTGRADUATE DIPLOMA IN NANOSCIENCE AND NANOTECHNOLOGY Postgraduate Institute of Science of University of Peradeniya

Address P.O. Box 25, Peradeniya, 20400, Kandy, Sri Lanka | **Website** <http://www.pgis.pdn.ac.lk/>

FEB 2018 – JUN 2018 Geneva 2 , Switzerland

FLASH FLOOD GUIDANCE SYSTEM PROGRAM TRAINER World Meteorological Organization

Address 7bis, avenue de la Paix,, 2300 CH-1211, Geneva 2 , Switzerland | **Website** <https://public.wmo.int/en>

FEB 2018 – APR 2018 San Diego, United States

HYDROMETEOROLOGIST TRAINING PROGRAM Hydrologic Research Centre

Address 11440 W Bernardo Ct, Ste 375, , CA92127, San Diego, United States | **Website** <https://www.hrcwater.org/>

JUL 2008 – SEP 2011 Kandy, Sri Lanka

BACHELOR OF SCIENCE IN PHYSICS, STATISTICS & MATHEMATICS Faculty of Science, University of Peradeniya

Address Galaha Road, Peradeniya, 20400, Kandy, Sri Lanka | **Website** <https://sci.pdn.ac.lk/>

● DIGITAL SKILLS

Microsoft Word | Microsoft Powerpoint | Microsoft Excel | Power Point | Microsoft Office | CDO (climate data operators) | Data Analysis using GrADS, Origin | Fortran Language | Basic QGIS knowledge | ArcGIS Desktop (ArcView) 9.3.1 | Python Language - Basic knowledge

● ADDITIONAL INFORMATION

PUBLICATIONS

[Comparison of Gridded Rainfall Estimates with Gauge Rainfall during the South- West Monsoon Period in the Wet-Zone of Sri Lanka](#)

– 2022

Millangoda, M. (2022). Environmental Science : An Indian Journal Comparison of Gridded Rainfall Est

[Analyze and Comparison of the Atmospheric Instability Using K-Index, Lifted Index Total Totals Index Convective Availability Potential Energy \(CAPE\) and Convective Inhibition \(CIN\) in Development of Thunderstorms in Sri Lanka During Second Inter-Monsoon](#)

– 2021

Fernando, Malith & Millangoda, Malinda & Premalal, Sarath. (2021). Analyze and Comparison of the At

[Assessment of the Behaviour of K-Index, Lifted Index and Convective Availability Potential Energy \(CAPE\) in Development of Thunderstorms in Sri Lanka](#)

– 2018

Fernando, Malith & Millangoda, Malinda & Premalal, Sarath. (2018). Assessment of the Behaviour

[Case study of Flash Flooding in Sri Lanka in May 2018](#) – 2018

NETWORKS AND MEMBERSHIPS

CURRENT <https://southasianmet.org/>

South Asian Meteorological Association Member

CONFERENCES AND SEMINARS

3 NOV 2019 – 7 NOV 2019 – Antalya, Turkey

Global Flash Flood Guidance System Global Workshop The goal of the Global Workshop is to bring together the users of the regional and national FFG Systems to build a roadmap on maintaining the sustainability of operations for FFGS.

The specific objectives were to: share experiences, showcase accomplishments, determine challenges and identify gaps towards establishing recommended practices; identify sustainability issues to develop the roadmap to ensure long-term operations and service delivery of FFGSs; and provide training to further understanding of the new capabilities of FFGS.