

**KUMARI RAJAPAKSHA**

**National Institute of Fundamental Studies**

**Hantana Road, Kandy, Sri Lanka**

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**EDUCATION:**

M.Phil. in Environmental Science (Reading), University of Peradeniya, 2014 – to date

Research Title - Assessment and mapping of soil C stocks in Knuckles Forest Region, Sri Lanka

B. Sc. (Applied Sciences) Special in Environmental Sciences and Natural Resource Management, Sabaragamuwa University of Sri Lanka, 2<sup>nd</sup> Class Lower Division, 2009/2013

Research Title - Studying the paleo-environmental evolution of Ratgama lagoon in Galle during the Holocene

**EMPLOYMENT:**

Research Assistant (Grade II), Microbial Biotechnology Unit, National Institute of Fundamental Studies, Kandy, Oct. 2013 – to date

Trainee Research Assistant, Geological Survey and Mines Bureau, Pitakotte, Jan. 2013 - May 2013

**PROFESSIONAL EXPERIENCE:**

Analyses of soil properties (physical and chemical)

GIS Mapping

**Workshops and Courses**

2<sup>nd</sup> National Workshop on Scientific Data Handling, Analysis and Interpretation conducted by Post graduate Institute of Science (PGIS), University of Peradeniya, 27<sup>th</sup> June 2015

16<sup>th</sup> Advanced Short Course on “GIS and Applications” conducted by Post graduate Institute of Science (PGIS), University of Peradeniya, March 3<sup>rd</sup> - 8<sup>th</sup>, 2014

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The Training Workshop on Allometric Equations Development in Sri Lanka conducted by the Sri Lanka UN-REDD Programme, Distance Learning Centre Ltd of SLIDA, Colombo, May 20<sup>th</sup> - 24<sup>th</sup>, 2014

The Training Workshop on the Use of 'R' for Building Allometric Equations conducted by the Sri Lanka UN-REDD Programme, Distance Learning Centre Ltd of SLIDA, Colombo, 29<sup>th</sup> September - 02<sup>nd</sup> October 2014

Workshop on "Experimental Designs" organized by the Young Scientists Forum of National Science and Technology Commission, Post Graduate Institute of Agriculture, University of Peradeniya, 11<sup>th</sup> September 2014

Workshop on Scientific Writing and Publishing Research Work organized by SLAAS, Faculty of Science, University of Colombo, 15<sup>th</sup> October 2014

5<sup>th</sup> National Workshop on Scientific Writing conducted by the Post graduate Institute of Science (PGIS), University of Peradeniya, December 4<sup>th</sup> - 5<sup>th</sup>, 2014

Course work on Bio Statistics (MB558) conducted by the M.Sc. degree programme in Experimental Biotechnology, PGIS, University of Peradeniya, 2014

Course work on Environmental Monitoring and Sampling techniques (EN534) conducted by the M.Sc. degree programme in Environmental Science, PGIS, University of Peradeniya, 2014

Short course on Statistics for Environmental Sciences, National Institute of Fundamental Studies, Kandy, October 3<sup>rd</sup> - 24<sup>th</sup>, 2013

Participated in the Scientific Preparatory Meeting with Dr. Ray Woods on Sri Lanka's Continental Shelf Margin Claim defense organized by GSMB, Pitakotte, 2012

Certificate of English for Communication, at Wisdom English College, Gampaha

Certificate in International Computer Driving Licence (ICDL)

## **PUBLICATIONS:**

### **Articles**

**Rajapaksha, R.P.S.K.**, Ranasinghe, P.N., Wijesundara, D.T.D.S., Amarasinghe, C., Hewawasam, T. (2014). Paleo-coastal evolution of southwest Sri Lanka during the Holocene from lagoonal sedimentary records. Journal of Geological Society of Sri Lanka, 16: 127-138.

### **Conference Proceedings**

**Rajapaksha, R.P.S.K.**, Madawala, H.M.S.P., Gunathilake, S. K., Ratnayake, R.R. (2015). Soil organic carbon fractions in disturbed and undisturbed forest sites in Riverston area of Knuckles

Forest Region. Accepted for the oral presentation in PGIS Research Congress, University of Peradeniya, Peradeniya.

Ratnayake, R.R., Perera, B.M.A.C., **Rajapaksha, R.P.S.K.**, Ekanayake, E.M.H.G.S., Gunaratne, H.M.A.C., Kumara, R.K.G.K A. Soil carbon sequestration and nutrient statuses of rice based farming systems in the dry zone of Sri Lanka. 2<sup>nd</sup> International Symposium on Driving Research towards Economy Opportunities and Challenges. Sri Lanka Academy of Young Scientists in partnership with National Institute of Fundamental Studies and Coordinating Secretariat for Science, Technology and Innovation. Kandy, Sri Lanka. 13<sup>th</sup> – 14<sup>th</sup> November, 2014.

**Rajapaksha, R.P.S.K.**, Ranasinghe, P.N., Hewawasam, A.L.T. Paleo-environmental evolution of Ratgama lagoon in Galle during the Holocene and abrupt coastal events. Proceedings of the 69<sup>th</sup> Annual Sessions, Sri Lanka Association for the Advancement of Science. University of Kelaniya, Sri Lanka. 2<sup>nd</sup> - 6<sup>th</sup> December, 2013.

#### **AWARDS AND MEMBERSHIPS:**

Award for the **Best Oral Presenter** at the final year research project presentations of the Environmental Sciences and Natural Resource Management Degree Programme in 2013

**Member** of Young Researches Forum (YRF), PGIS, University of Peradeniya

**Member** of Sri Lanka Association for the Advancement of Science (SLAAS)

**Member** of Society of Natural Resources Studies (SNRS) in Sabaragamuwa University of Sri Lanka

**Member** of Field Ornithology Group of Sri Lanka (FOGSL) in University of Colombo

#### **EXTRA-CURRICULAR ACTIVITIES**

Participated in Training for Trusteeship International Workshop “WATER: Spring of Life” conducted by Weeramantry International Centre for Peace Education and Research, from 26<sup>th</sup> August - 2<sup>nd</sup> September 2012 in Anuradhapura, Sri Lanka

Certificate in Basic Rescue Course (Life Saving Association in Sri Lanka)

Attended the organizing of “NR Night 2011” the inherited function of the Department of Natural Resources in Sabaragamuwa University of Sri Lanka

Involved in Science Union and voluntary service (after G.C.E. A/L) at Holy Cross College, Gampaha

Prefect in the School Prefect Board during 2002/2003 and involved in Parisara Mithuro Society, debating team and announcing at Bandarawatta Parakrama Maha Vidyalaya, Gampaha

Participated in 4 day seminar of Leadership Training for Prefects in 2002 conducted by the Department of Education in Western Province

The second place for the Open Quiz Contest held at Gampaha Public Library by Benlgn National Youth Institute of Sri Lanka in 2001

The third place for the Speech Contest held at WP/ Gm/ Bandarawatta Parakrama Maha Vidyalaya in 2000

### **PERSONAL DETAILS:**

**Name in Full** : Rajapaksha Prathirajage Sriyakanthi Kumari Rajapaksha

**Name with initials** : Rajapaksha R.P.S.K.

**Address** : No. 03, Mahawatta, Pasgammana, Buthpitiya

**Schools Attended** : Holy Cross College, Gampaha, 2004/2008  
WP/ Gm/ Bandarawatte Parakrama Maha Vidyalaya, Gampaha, 1993/2004

**Date of Birth** : 25. 03. 1987

**Gender** : Female

**Nationality** : Sri Lankan

### **REFREES:**

Dr R.R. Ratnayake  
Research Fellow,  
National Institute of Fundamental Studies,  
Hantana Road,  
Kandy.

Dr H.M.S.P. Madawala  
Senior Lecturer  
Dept. of Botany, Faculty of Science,  
University of Peradeniya,  
Peradeniya.

I do hereby certify that the above particulars are true and accurate to the best of my knowledge.

R.P.S. Kumari Rajapaksha  
24. 07. 2015