



TROPIMUNDO

ERASMUS MUNDUS MASTERS COURSE IN TROPICAL BIODIVERSITY AND ECOSYSTEMS

Loku Pulukuttige JAYATISSA, RUH Local Coordinator

Senior Prof. L.P. Jayatissa is currently working as the Head and the Chair Professor at the Department of Botany, Faculty of Science, of University of Ruhuna. He has also held the deanship in the faculty of Graduate Studies (2012-2018). He serves as a consultant in many government authorities (for example Ministry of Environment) at the moment. In addition he was a successful collaborator of EU-funded research projects (Green dyke Project, collaborative project between Belgium and Sri Lanka). Apart from that he received many local grants (National Science Foundation, SL) as well and he could be able to successfully complete all these grants in given time period and showed his capacity in research works and project management. He was also interested in acquiring knowledge on various demanding disciplines and as a result of that enthusiasm, he received a training on 'GIS and applications of remote sensing' at National Remote Sensing Agency, Hyderabad, India from July to October, 2000.

Prof. Jayatissa received a common wealth Scholarship to pursue his Ph.D in 1991 and completed in 1994. Afterwards, he joined the department as a senior lecturer in 1995. As one of the top researches in Sri Lanka, he was offered Presidential Awards from 2002 to 2013 continuously for the research publications in indexed journals. Prof. Jayatissa is also recognized as a patent holder for production of phenolics-free fruit pulp from mangrove apple (*Sonneratia caseolaris*) which can be used for Ice Cream and fruit drink". Currently he is working on medicinal plants and invasive species in Sri Lanka. Prof. Jayatissa teaches courses like Environmental Science, Coastal Ecology and Biodiversity, Wood Science and Technology, and Biostatistics in the department.

1	Family name	Loku Pulukuttige		
2	First name	Jayatissa		
3	Place and Date of birth	Mathugama (Southern province, Sri Lanka), 05 th April 1957,		
4	Nationality	Sri Lankan		
5	E-mail	lpj5745@gmail.com		
6	Education / Professional studies			
	Dates (from-to)	Institution	Degree/diploma	
	1979-1982	University of Ruhuna, SL	BSc Botany, Zoology and Chemistry	
	1984-1987	University of Ruhuna, SL	M.Phil in Mangrove Ecology	
	1991-1994	University of Stirling, UK	PhD in Ecotoxicology	
7	Language skills Grade skill 1-5 (1 = basic, 5 = excellent, * = mother tongue)			
	Language	Speaking	Reading	Writing
	English	5	5	5

	Sinhala*	5	5	5
	Tamil	2	2	2
8	Membership of professional bodies			
	<p>Council member of National Institute of Business Management (NIBM), Colombo, Sri Lanka First Chairman of national school of Business management (NSBM), the degree awarding wing of NIBM. Sri Lanka Member of steering committee of coastal habitat and resource management programme under Coast Conservation Department, Sri Lanka</p>			
9	Other Skills			
	Biostatistician			
10	Name of organisation currently working for and Present position in the organisation	University of Ruhuna, Wellamadama, Matara, Sri Lanka Senior Professor, Chair professor, Department of Botany, as well as currently Head of the Department		
11	Years with the organisation	1988 to present		
12	Long-term experience in selected countries/territories			
	Country	Date	Details	
	India	2000	Application of Remote Sensing and GIS tools for land-use/cover mapping, ocean productivity monitoring	
	UK	2014	Wetland management, in particular, mangrove forest management to preserve their ecological services and economic benefits	
	Thailand	2018	Research on mangrove forest conservation and management	
13	Professional experience record			
	Location	Date	Organisation	
1	India	2000	National Remote Sensing Agency	
	Position	Trainee		
	Responsibilities	Study on GIS and Remote sensing and its applications		
2	UK	2014	Napier University	
	Position	Senior Scholar		
	Responsibilities	Research and publications		
3	Thailand	2018	AIT	
	Position	Trainer and senior researcher		
	Responsibilities	Train young mangrove ecologists, aiming at mangrove restoration		
4				
	Position			
	Responsibilities			

14	Publications
	Number of publications in peer-reviewed journals
	36
	10 publications that are most representative in the field of tropical biodiversity and ecosystems
	<p>2006</p> <ol style="list-style-type: none"> 1. Jayatissa, L. P. and Hettiarachi, S. (2006) Nature's protection against nature's fury: a post tsunami assessment of non-mangrove plants as elements to build a green belt against tsunami. <i>Ruhuna Journal of Science</i>,1:100-107 2. Jayatissa, L.P., S. Hettiarachchi & F. Dahdouh-Guebas, (2006). <u>An attempt to recover economic losses from decadal changes in two lagoon systems of Sri Lanka through a newly patented mangrove product.</u> <i>Environment, Development and Sustainability</i> 8: 585-595. <p>2010</p> <ol style="list-style-type: none"> 3. Kumara MP, Jayatissa L.P, Krauss KW, Phillips DH, Huxham M.(2010) High density mangrove plantation enhances surface accretion, surface elevation change, and tree survival in coastal areas susceptible to sea-level rise. <i>Oecologia</i> 164(2):545–553 4. Feagin, R.A., Mukherjee, N., Shanker, K., Baird, A. H., Cinner, J, Kerr, A. M., Koedam, N., Sridhar, A., Arthur, R., Jayatissa, L. P., Danny Lo Seen, Menon, M., Rodríguez, S., Shamsuddoha, Md., and Dahdouh-Guebas, F. (2010) Shelter from the storm? Use and misuse of bioshields for managing natural disasters on the coast. <i>Conservation Letters</i>. 3:1-11 5. Huxham, M, Kumara, M. P., Jayatissa, L. P., Krauss, K. W. , Kairo, J., Langat, J., Mencuccini, M., Skov, M. and Kirui, B. (2010) Intra and inter-specific facilitation in mangroves may increase resilience to climate change threats. <i>Philosophical Transactions of the Royal Society B</i>. 365, 2127-2135. <p>2011</p> <ol style="list-style-type: none"> 6. Satyanarayana, B., N. Koedam, K. De Smet, D. Di Nitto, M. Bauwens, L.P. Jayatissa, S. Cannicci & F. Dahdouh-Guebas, 2011. <u>Long-term mangrove forest development in Galle-Unawatuna (Sri Lanka): testing predictions made 10 years ago using very high resolution remote sensing and very high resolution ground-truth data.</u> <i>Marine Ecology Progress Series</i> 443:51-63. <p>2013</p> <ol style="list-style-type: none"> 7. Satyanarayanaa, B., S. Mulder, L.P. Jayatissa & F. Dahdouh-Guebas, 2013. <u>Are the mangroves in the Galle-Unawatuna area (Sri Lanka) at risk? A social-ecological approach involving local stakeholders for a better conservation policy.</u> <i>Ocean and Coastal Management</i> 71: 225-237. 8. Di Nitto, D., P.L.A. Erftemeijer, J.K.L. van Beek, F. Dahdouh-Guebas, L. Higazi, K. Quisthoudt, L.P. Jayatissa & N. Koedam, 2013. <u>Modelling drivers of mangrove propagule dispersal and restoration of abandoned shrimp farms.</u> <i>Biogeosciences</i> 10: 5095-5113. <p>2017</p> <ol style="list-style-type: none"> 9. Phillips, D.H., M.P. Kumara, L.P. Jayatissa, K.W. Krauss, M. Huxham. (2017). Mangrove density impacts on surface sediment accretion, belowground biomass and biogeochemistry in Puttalam Lagoon, Sri Lanka. <i>Wetlands</i>. (In Press)

	2018		
	10. Kodikara KAS., Madarasinghe SK., Sripal DDN., Ranasinghe P., Jayatissa LP. (2018). Ethnobotanical approach for controlling some selected invasive alien species (IAS) in southern coastal area of Sri Lanka: Globally worth management strategy. Journal of the Department of Wildlife Conservation 6(2):53-65.		
15	Number of conference presentations (between brackets invited contributions)		
	International : 34, National : 20 & Invited talks : 10		
16	Most important awards		
	Award	Award date	Issuing organisation
1	Presidential Awards for Scientific publications in Index Journals	From 2002-2015, 2017, 2018	National Research Council (NRC), Sri Lanka
2	Award of a grant of £ 78000/= (Rs 14 million)	2012	Climate & Development Knowledge Network (CKDN), UK

