

Curriculum Vitae



Lt Col Prof. Wasantha Liyanage (Wasantha Kumara Dias Dombagoda Liyanage)

CONTACT DETAILS : Home: 310/C/1/1, Delgaha watta, Eththiligoda, Galle, Sri Lanka. Tel: 0094 779 985 833
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Galle, Sri Lanka.
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COMMISSION : **Lieutenant Colonel (since 21/07/2014)**
2(V) SLAGSC of Sri Lanka Army Volunteer Reserve Force

DATE OF BIRTH : 19th December 1972

NATIONALITY : Sri Lankan

HIGHER EDUCATION : **2009 PhD (Environmental Engineering)**, China University of Geosciences (Wuhan), P.R. China
2005 M.Phil.(Animal Science), University of Ruhuna, Sri Lanka
2004 Postgraduate Dip. in Education, Open University of Sri Lanka
2000 B.Sc. (Agriculture), University of Ruhuna, Sri Lanka

SCHOOL EDUCATION : Richmond College, Galle, Sri Lanka (1984 -1992)
Batemulla College, Imaduwa, Sri Lanka (1983 -1984)
Walpola Gunathilaka Junior School, Imaduwa, Sri Lanka (1978 -1982)

LANGUAGE & DEGREE OF PROFICIENCY : Sinhala (native)
English (excellent), Tamil (good), Chinese (basic)

MEMBERSHIP IN PROFESSIONAL SOCIETIES : Sri Lanka Association for the Advancement of Science (**SLAAS**)
Field Ornithology Group of Sri Lanka (**FOGSL**)
Ecological Society of China (**ESC**)
Primate Conservation Society of Sri Lanka (**PCSSL**)
Land Owners Restore Rainforests In Sri Lanka (**LORRIS**)
Zoological society of London-EDGE Programme (**ZSL- EDGE**)
Vice Chairman, **St. John Ambulance, Sri Lanka**

PROFESSIONAL EXPERIENCE

EMPLOYMENT RECORD:

- ◆ **Assistant Conservator of Forests (2011 Onwards)** – Forest Department of Sri Lanka
- ◆ **Consultant Lecturer (2012 Onwards)** – Sri Lanka Forestry Institute, Nuwara Eliya, Sri Lanka
- ◆ **Visiting Lecturer (2014 Onwards)** – Faculty of Agriculture, University of Ruhuna, Sri Lanka
- ◆ **Associate Professor of Ecology (2021 Onwards)** – Faculty of Environment, University of Tehran (work online)

- ◆ Social Services Officer (2005 - 2011) - Department of Social Services, Southern Province of Sri Lanka
- ◆ National Coordinator- Green Village Programme (2008 - 2009) Ministry of Environment and Natural Resources of Sri Lanka
- ◆ Development Assistant (Conservation) (2005) - Forest Department of Sri Lanka
- ◆ Visiting Consultant (2004 - 2006) - The Open University of Sri Lanka
- ◆ Scientific Advisor to a Wildlife Documentary Film "*Slender Lorises in Sri Lanka*" – Japanese Medium (2002 - 2003) - ANTAS Productions, NHK Television, Japan
- ◆ Research Fellow (2001 - 2004) - Sri Lanka Slender Loris Conservation Project, Nocturnal Primate Research Group, Oxford Brookes University, UK
- ◆ Research Assistant (2000) - Veterinary Research Institute of Sri Lanka
- ◆ Science/Maths Assistant Teacher/ Deputy Principal (1992 - 1998) - Department of Education, Southern Province of Sri Lanka
- ◆ English Assistant Teacher (1992) - Department of Education, Uva Province of Sri Lanka

ACADEMIC QUALIFICATIONS

INTERNATIONAL TRAININGS:

- ◆ Successfully completed the course on **Sufficiency Economy Philosophy (SEP) in Community based and Economic Development (CBED)** at Kasetsart University, Bangkok, Thailand **(2022 – Online)**
- ◆ Successfully completed the seminar on **Forestry Addressing Climate Change and Sustainable Development for the Belt and Road Initiative Countries** at National Forestry and Grassland Administration (NAFGA), China **(2021 – Online)**
- ◆ Successfully completed the seminar on **Natural Protected Areas Management and Biodiversity Conservation for the Belt and Road Initiative Countries** at National Forestry and Grassland Administration (NAFGA), China **(2021 – Online)**
- ◆ Successfully completed the seminar on **Implementation of United Nation Forest Instrument (UNFI) and Sustainable Forest Management for Developing Countries** at National Forestry and Grassland Administration (NAFGA), China **(2021 – Online)**
- ◆ Successfully completed the course on **Invasive Alien Species Control and Management** at Cape Town and Johannesburg, South Africa **(2016)**
- ◆ Successfully completed the course on **Invasive Alien Species Control and Management** at Kasetsart University, Bangkok, Thailand **(2014)**
- ◆ Participated to the Regional Workshop on **Options for Innovative Climate Finance Regime for South Asia** at India Habitat Centre, new Delhi, India **(August, 2013)**
- ◆ Successfully completed the course on **Modelling Patterns and Dynamics of Species Occurrence** at Colombo, conducted by the Zoological Society of London, UK. **(2009)**
- ◆ Successfully completed the courses such as **Cadet Officers' Training, Disaster Management Training and Leadership Training** at Colombo, conducted by the St. John Ambulance, Royal Berkshire, UK. **(1995)**

LOCAL TRAININGS:

- ◆ **Army Professional Officers Training** at Sri Lanka Army Volunteer Force Training School, Diyathalawa, Sri Lanka **(2014, 2015, 2016, 2017, 2018, 2019)**
- ◆ Certificate on **Disaster Risk Reduction** from Sri Lanka Institute of Development Administration (SLIDA) **(2013)**
- ◆ **Fire Arms Training** at Sri Lanka Police Training Institute, Kaluthara, Sri Lanka **(2013)**
- ◆ Successfully completed an **Adventure Outward Bound Training** at Ella Adventure Park, Sri Lanka **(2012)**
- ◆ Successfully completed a course on **Farm Machinery Operation and Maintenance** at Farm Machinery and Maintenance Training Centre, Anuradhapura, Sri Lanka **(1998)**

AUTHORSHIP OF BOOK PUBLICATIONS

Wasantha Liyanage (2013) Comparison of faunal diversity in rice fields of Sri Lanka. Ed. By: Elena Alexei, *Lap Lambert Academic Publishing, Germany*. ISBN 978-3-659-46732-5: 116P

EDITING AND REVIEWING OF PUBLICATIONS

- ◆ **Associate Editor** of the *International Journal of Ecology and Eco solutions*. NetJournals Publications **(2013 Onwards)**
- ◆ **Reviewer** of scholar articles in the *Journal of Pollution*. University of Tehran **(2021 Onwards)**
- ◆ **Reviewer** of scholar articles in the *World Journal of Engineering and Technology*. Scientific Research Publishing **(2021 Onwards)**
- ◆ **Reviewer** of scholar articles in the *International Journal of Ecology and Development Research*. Premier Publications **(2014 Onwards)**
- ◆ **Reviewer** of scholar articles in the *Journal of Agricultural and Crop Research*. Scienceweb Publications **(2013 Onwards)**
- ◆ **Reviewer** of scholar articles in the *African Journal of Ecology*. Wiley Publications **(2009 Onwards)**

PRESENTATIONS & PUBLICATIONS

◆ Peer Reviewed Journal and Book Articles

Liyanage, WKDD, Gamage, SN, Kumara, GDCP, Xulong, L (2013) An assessment of the contribution of an analog forest as a sustainable land use ecosystem for the development of rural green economy in Sri Lanka. *Journal of Tropical Forestry and Environment* **3(1)**: 9-16.

Liyanage, WKDD, Gamage, SN, Kumara, GDCP, Wimalasuriya, S, Xulong, L (2009) Analog forest eco-system as a sustainable land use for development of rural green economy; an experience from south western wet zone of Sri Lanka. In Proceeding of the ERSEC international conference on sustainable land use and ecosystem conservation, May, 2009, Beijing, P.R. China. UNESCO, Beijing. p 79-88.

Liyanage, WKDD, Gamage, SN, Xulong L, Burnet, JE (2009) Analog forest's contribution to biodiversity conservation; a biodiversity assessment of an analog forest on a private property in south-western wet zone of Sri Lanka. *Journal of American Science* **5(2)**: 69-82.

Innocent, NM, Ge, JW, **Liyanage, WKDD**, Njamnsi, YN (2009) Spatial patterns of abundance and diversity of economic plant species of a central-west African human inhabited protected area. *Journal of American Science* **5(2)**: 54-68.

Gamage, SN, **Liyanage, WKDD**, Weerakoon, DK, Gunawardena, A (2009) Habitat quality and availability of the Sri Lanka red slender loris, *Loris tardigradus tardigradus* (Mammalia: Primates: Lorisidae) in the Kottawa arboretum. *Journal of Threatened Taxa* **1(2)**: 65-71.

Gamage, SN, **Liyanage, WKDD**, Gunawardena, A, Weerakoon, DK (2008) A comparative study of the leaf litter herpetofauna and physical parameters in different agro-eco systems (tea, rubber and oil palm) and natural rain forest in the south-western wet-zone of Sri Lanka. *Journal of Environmental Research and Development* **2(3)**: 285- 294.

Liyanage, WKDD, Xulong, L, Gamage, SN, Weerakoon, DK (2007) Vertebrate diversity of a regenerated forest in south-western wet zone of Sri Lanka with special reference to avifauna. *Journal of Environmental Research and Development* **2(1)**: 6-19.

Gamage SN, **Liyanage, WKDD**, Wimalasuriya, S, Gunawardena, A (2007) Vertebrate's diversity in a thirty year old analog forest in the Pitigala, Elpitiya in the Galle district of southern Sri Lanka. *Ruhuna Journal of Science*. Faculty of Science, University of Ruhuna, Sri Lanka. **1**: 158-173.

Nekaris, KAI, **Liyanage, WKDD**, Gamage, SN (2005) Influence of forest structure and composition on population density of the red slender loris (*Loris tardigradus tardigradus*) in Masmullah proposed forest reserve, Sri Lanka. *Mammalia* **69(2)**: 201-210.

Nekaris KAI, Troni P, **Liyanage WKDD** (2004) Conserving Sri Lanka's rain forests via conservation education in Bangamukanda, Galle District. *Folia Primatologica*. **75 (Suppl 1)**: 399 (Abstract)

◆ International Conference Presentations and Published Abstracts

Liyanage, WKDD, Gamage, SN, Kumara, GDCP, Xulong, L (2012) An assessment of the contribution of an analog forest as a sustainable land use ecosystem for the development of rural green economy in Sri Lanka. *Seventeenth International Forestry and Environment Symposium, Wattala, Sri Lanka*.

Liyanage, WKDD, Gamage, SN, Kumara, GDCP, Wimalasuriya, S, Xulong, L (2009) Analog forest eco-system as a sustainable land use for development of rural green economy; an experience from south western wet zone of Sri Lanka. *The ERSEC international conference on sustainable land use and ecosystem conservation, Beijing, P.R. China*.

Liyanage, WKDD, Xulong, L, Gamage, SN, Weerakoon, DK (2007) Vertebrate diversity of a regenerated forest in south-western wet zone of Sri Lanka with special reference to avifauna. *International Congress of Environmental Research (ICER 2007), Bhopal, India.*

Gamage, SN, **Liyanage, WKDD**, Gunawardena, A, Weerakoon, DK (2007) A comparative study of the leaf litter herpetofauna and physical parameters in different agro-eco systems (tea, rubber and oil palm) and natural rain forest in the south-western wet-zone of Sri Lanka. *International Congress of Environmental Research (ICER 2007), Bhopal, India.*

Liyanage, WKDD, Gamage, SN, Xulong L, Burnet, JE (2007) Analog forest's contribution to biodiversity conservation; a biodiversity assessment of an analog forest on a private property in south-western wet zone of Sri Lanka. *International workshop on environmental safety and human health. China Association of Science and Technology, Annual conference 2007, Wuhan, Hubei, P.R. China.*

Gamage SN, Weerakoon DK, **Liyanage WKDD**, Wimalasuriya SH, Gunawardena A (2007) Participatory approach of establishing/consolidating forest corridors: A case study of the (ongoing 'LORRIS') participatory analogue forest corridor in the wet zone of Sri Lanka. *Eco-summit 2007, Beijing, P.R. China.*

Nekaris KAI, Troni P, **Liyanage WKDD** (2004) Conserving Sri Lanka's rain forests via conservation education in Bangamukanda, Galle District. *International Primate Society Congress, Torino, Italy.*

Liyanage WKDD, Gamage SN (2000) Survey on Bird diversity at Kanneliya forest reserve. *Second Pan-Asian Ornithological Congress, Kandy, Sri Lanka.*

◆ **Local Conference Presentations and Published Abstracts**

Liyanage WKDD, Gamage SN, Weerakoon DK, Gunawardena A (2005) Faunal species richness within the various phases of rice cultivation in organic and inorganic based rice fields in Matara District of Sri Lanka. *Sri Lanka Association of the Advancement of Science, Annual conference 2005, Colombo, Sri Lanka.*

Gamage SN, **Liyanage WKDD**, Weerakoon DK, Gunawardena A (2005) Arthropods taxon richness in selected manmade and natural habitats in the low country wet zone of Sri Lanka. *Sri Lanka Association for the Advancement of Science, Annual conference 2005, Colombo, Sri Lanka.*

Gamage SN, **Liyanage WKDD**, Weerakoon DK, Gunawardena A (2005) Comparison of leaf litter herpetofauna in selected agro-ecosystems with a lowland rain forest in the south-western wet zone of Sri Lanka. *Sri Lanka Association for the Advancement of Science, Annual conference 2005, Colombo, Sri Lanka.*

Liyanage WKDD, Gamage SN, Nekaris KAI (2003) A Preliminary study for evaluation of the current situation of a disturbed forest at Masmulla. *Sri Lanka Association for the Advancement of Science, Annual conference 2003, Colombo, Sri Lanka.*

Gamage SN, **Liyanage WKDD**, Gunawardena A, Perera PWA, Hirimuthugoda NY **(2002)** Comparison of fish diversity and habitat structure of the streams in Rubber and Oil palm plantations in Nakiyadeniya. *Sri Lanka Association for the Advancement of Science, Annual conference 2002, University of Colombo, Sri Lanka.*

Gunawardena A, **Liyanage WKDD**, Gamage SN, Premalal GGC **(2001)** Study on the floristic composition of the humid zone dry patanas in Knuckles range, *Sri Lanka. Sri Lanka Association for the Advancement of Science, Annual conference 2001, University of Moratuwa, Sri Lanka.*

Perera PWA, **Liyanage WKDD**, Gunawardena A, Premalal GGC **(2001)** Livestock production in humid zone dry patanas in Knuckles region. *Sri Lanka Association for the Advancement of Science, Annual conference 2001, University of Moratuwa, Sri Lanka.*

Liyanage WKDD, Gamage SN, Amuwitagama I **(1997)** Environmental and health effects of the textile garment industry in Sri Lanka. *SLAAS student session, Sri Lanka Association for the Advancement of Science, Annual conference 1997, University of Ruhuna, Sri Lanka.*

◆ Dissertations

2009 PhD (Environmental Engineering) Dissertation: Assessment of the suitability of an analog forest as a viable biodiversity conservation option in highly fragmented landscapes in the southwestern wet zone of Sri Lanka. *China University of Geosciences (Wuhan), P.R. China.*

2005 M.Phil (Animal Science) Dissertation: Faunal diversity in rice fields under organic and inorganic based farming systems in wet zone of Sri Lanka. *University of Ruhuna, Sri Lanka.*

2000 B.Sc. (Agriculture) Honours Dissertation: Importance of humid zone dry Patanas for livestock production and its floristic composition. *University of Ruhuna, Sri Lanka.*

◆ Magazine Articles

Wasantha Liyanage, Sustainable land use for biodiversity conservation and rural green economy development. *The Big Issue Sri Lanka. 1(8): 28-29 (2010)*

◆ Public Lectures and workshops conducted

“Forest Conservation and Forest Ecosystem Management”. A lecture conducted to the Teachers of Eastern Province. **(March, 2018)** – *Sinhala medium*

“Leadership and Attitudes Development”. A public lecture conducted for the students of Sussex College, Galle. **(February, 2018)** – *English medium*

“Biodiversity and Forest Conservation”. A lecture conducted to the officers of Sri Lanka Army General Service Corps, Panagoda. **(March, 2016)** – *English medium*

“Forests and Biodiversity in Sri Lanka”. A lecture conducted to the officer cadets of Sri Lanka Navy Academy, Naval Base, Trincomalee. **(July, 2015)** – *Sinhala medium*

“Feeling the Beauty of Environment”. A lecture conducted in a workshop at Pedro Scout Camp, Nuwara Eliya for the members of Sri Lanka Youth. **(October, 2013)** – *Sinhala medium*

“Participatory Forest Management in Sri Lanka”. A series of lectures conducted in a workshop at Sri Lanka Forestry Institute for the Public Officers of Mahaweli Authority (Moragahakanda and Kotmale Projects). **(August & November, 2013)** – *Sinhala medium*

“Watershed Hydrology”. A series of lectures conducted in a workshop at Sri Lanka Forestry Institute for the Public Officers organized by the Cap-Net Sri Lanka. **(July, 2013 and Jan. 2014)** – *Sinhala medium*

“Participatory Watershed Management”. A series of lectures conducted in a workshop at Sri Lanka Forestry Institute for the Forest Officers organized by the Cap-Net Sri Lanka. **(July, 2013 and Jan. 2014)** – *Sinhala medium*

“Biodiversity in Sri Lanka”. A public lecture conducted for the school principals at Nuwara Eliya, held at Seetha Eliya College of Nuwara Eliya, Sri Lanka. **(July, 2013)** – *Sinhala medium*

“Biodiversity and Invasive Species of Sri Lanka”. A lecture series conducted at Sri Lanka Forestry Institute for the officer cadets of the Sri Lanka Administrative Service. **(February – May 2012 and May, 2013)** – *English medium*

“Participatory Forestry; Theory and Practices”. A lecture conducted in a workshop at Sri Lanka Forestry Institute for the Forest Extension Officers of the Forest Department of Sri Lanka. **(April, 2013)** – *Sinhala medium*

“Climate Change”. A public lecture conducted for the college students at Nuwara Eliya, held at Kande Ela Forest Education center of Nuwara Eliya, Sri Lanka. **(March, 2013)** – *Sinhala medium*

“Environment and cultural values related to international tourism between China and Sri Lanka”. A public lecture conducted at China University of Geosciences (Wuhan), China, for the Chinese and International students. **(November, 2012)** – *English and Chinese medium*

“Climate Change and Environmental Health”. A public lecture conducted for the students at University of Peradeniya, Sri Lanka. **(January, 2012)** – *English medium*

“Counseling for Mental Wellbeing”. A public lecture conducted for the public officers organized by Divisional Secretariat, Yakkalamulla, Sri Lanka for the commemoration of World Mental Health Day and National Counseling Day. **(October, 2011)** – *Sinhala medium*

“Leadership and Attitudes Development”. A public lecture conducted for the school children organized by Sarvodaya Movement of Galle, Sri Lanka for the commemoration of International children’s Day. **(October, 2011)** – *Sinhala medium*

“Climate Change and Settlements”. A public lecture conducted for the school children organized by Housing Development Authority, Sri Lanka for the commemoration of World Settlements Day. **(August, 2011)** – *Sinhala medium*

“Disaster Preparedness and Basic First Aid”. A workshop conducted for the rural youth leaders organized by World Vision Lanka, Galle, Sri Lanka. **(March, 2011)** – *Sinhala medium*

“Man and the Environment”. A public lecture conducted for the public officers organized by Divisional Secretariat, Neluwa, Sri Lanka for the commemoration of World Environment Day. **(June, 2010)** – *Sinhala medium*

“Vegetation Zones and the Rainforests in Sri Lanka”. A workshop conducted for the officers of the Ministry of Environment and Natural Resources of Sri Lanka. **(May, 2009)** – *Sinhala medium*

“Cultural Heritage of Sri Lanka”. A public lecture conducted at China University of Geosciences (Wuhan), China for the Chinese and International students. **(June, 2007)** – *English medium*

SCHOLARSHIPS, RESEARCH GRANTS AND AWARDS:

2014 : Long Service Medal of St. John Ambulance Brigade

2010 : Sri Lankan **Presidential Award** for excellent scientific research, 2005.

2006 – 2009 : Assessment of the suitability of an analog forest as a viable biodiversity conservation option in highly fragmented landscapes in the southwestern wet zone of Sri Lanka. *PhD programme in Environmental Engineering – China Scholarships Council.*

2006 - 2007 : Research Team Member - Ecology and behavior study of montane slender loris of Sri Lanka in relation to their management and conservation. *BP Future Conservationist award 2006.*

2001 - 2003 : Faunal diversity in rice fields under organic and inorganic based farming systems in wet zone of Sri Lanka. *M.Phil research project in Animal Science - National Science Foundation of Sri Lanka*

To the best of my knowledge the above facts as stated are true and correct

Date: 10th June, 2022



Signature