



Dr. W.J.M. Dayaratne

Visiting Lecturer | Land Use Planning | Rural Development | GIS Specialist
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PROFESSIONAL PROFILE

GIS and land-use planning professional with more than 33 years of experience in Sri Lanka, including extensive service in land-use planning and current teaching roles as a Visiting Lecturer. Areas of expertise include land-use planning, GIS/GPS, remote sensing, watershed and micro-watershed planning, participatory rural development, land evaluation, EIA/SIA, and resource mapping.

EDUCATION

Ph.D. in Geography / Land Use Planning University of Sri Jayewardenepura	2015
M.Sc. in Natural Resources Management / Land Use Planning ITC, The Netherlands	1996
Postgraduate Diploma ITC, The Netherlands	1993
B.A. (Hons.) in Geography - Special Degree University of Sri Jayewardenepura	1986

PROFESSIONAL AND ACADEMIC EXPERIENCE

Visiting Lecturer | University of Sri Jayewardenepura; Sabaragamuwa University **Sept. 2017 - Present**

- Lecture for the Diploma in Rural Development and External Degree Programme.
- Teaching areas include Land Use Planning, Dynamics of Land Ownership and Land Use, Field Data Collection, Rural Development (Participatory Planning), and Land Use Planning and Land Management.

IEE Land Use Expert | Proposed Hotel Project, Thaligama, Kithulgala **2025**

- Provided land-use expertise for the Initial Environmental Examination of the proposed hotel project.

Assistant Director - Land Use Planning | Land Use Planning **Sept. 1988 - Sept. 2020**

- Conducted national land-use surveys, including preparation and updating of land-use maps, field data collection, and field verification using GIS and GPS.
- Prepared divisional-level land-use plans and village-level land-use plans using participatory tools and techniques.
- Prepared watershed and micro-watershed plans and supported implementation of selected recommendations in micro-watersheds.
- Conducted district- and divisional-level land-use planning committee activities.
- Identified and mapped unused and underutilized lands and supported productivity improvement through soil and water conservation projects.
- Introduced SOJAN agriculture demonstrations for abandoned paddy lands.

CORE EXPERTISE

Land-use planning and land management	GIS, GPS, remote sensing, and resource mapping
Watershed and micro-watershed planning	Participatory rural development and field data collection
Land evaluation, EIA/SIA, and project proposal preparation	Soil and water conservation planning

SELECTED SHORT COURSES AND TRAINING

Year	Course / Training	Institution
2019	Short Course on Economics of Land Use Planning	Department of Agricultural Economics and Business Management / Postgraduate Institute of Agriculture, University of Peradeniya
2019	Geo-Information for Earth System Science	Arthur C. Clarke Institute for Modern Technologies
2017	GIS and Applications	Postgraduate Institute of Science (PGIS), University of Peradeniya
2016	Project Proposal Preparation	Sri Lanka Institute of Development Administration
2007	EIA and SIA	Sri Lanka Institute of Development Administration (SLIDA)
2006	GIS	University of Colombo
2005	GIS	University of Kelaniya
2004	Resource Mapping	Department of Survey
2001	Remote Sensing and GIS	IRRIS, India
2001	GIS and GPS	University of Peradeniya
2000	Forest Survey and Mapping	ITC/IRRS
2000	Land Evaluation	University of Peradeniya
1995	Environmental Impact Assessment (EIA)	AIT, Thailand
1991	Resource Survey and Mapping	University of Colombo

RESEARCH AND PUBLICATIONS

- Changing Trends in Agricultural Land Use in the Moneragala District of Sri Lanka: Implications for Poverty Alleviation. Dayaratne W.J.M. and Thennakoon T.M.S.P.K. 6th International Conference on Poverty and Sustainable Development, The International Institute of Knowledge Management (TIKM), 2019.
- Rapid Change and Expansion of Built-up Areas and Its Impact on Sustainable Land Management: A Case Study of the Municipal Council Area of Gampaha. G.S.C. Dabare and W.J.M. Dayaratne. Symposium on Sustainable Land and Watershed Management, Land Resources Division, Ministry of Mahaweli Development and Environment, 2019.
- Loss of Land and Land Resources Due to Misuse of Clay Mining: A Case Study of Maha Oya Left Bank. A.M.C. Dissanayake and W.J.M. Dayaratne. Symposium on Sustainable Land and Watershed Management, Land Resources Division, Ministry of Mahaweli Development and Environment, 2019.
- Changing Trends in Agricultural Land Use in the Moneragala District of Sri Lanka: Implications for Poverty Alleviation. Dayaratne W.J.M. and Thennakoon T.M.S.P.K. International Conference on Multidisciplinary Approaches, Faculty of Graduate Studies, University of Sri Jayewardenepura, 2017.
- Land Use Demonstrations for Sustainable Land Management. W.J.M. Dayaratne and Himali De Costa. Land Resources Division, Ministry of Environment, publication.

ADDITIONAL INFORMATION

Nationality: Sri Lankan

Languages: Sinhala, English

Date of Birth: 1960.09.12

Country Experience: 33+ years in Sri Lanka