

Curriculum Vitae
Anuradha Jayaweera

Personal Information:

- Full Name: **Jayaweera** Mudiyansele Prasad Nayanajith **Anuradha**
- Affiliation: Senior Lecturer, Department of Agricultural Extension, Faculty of Agriculture, University of Peradeniya
- Contact Details:
 - Address: No. 166, “Weerasiri”, Bulumulla, Kiribathkumbura
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Academic and Professional Qualifications:

- PhD, Kagoshima University, Japan. March 2019
- MSc, Saga University, Japan. March 2016
- BSc (Agricultural Technology & Management), University of Peradeniya, Sri Lanka. Nov. 2010
- Level 5 BTEC i HND in Business & Management, Edexcel (UK). May 2009

Current Academic Affiliations:

- Senior Lecturer (G II), Department of Agricultural Extension, University of Peradeniya.
- Secretary, Board of study in Agricultural Extension, Post-graduate Institute of Agriculture, University of Peradeniya.
- Course coordinator, Master’s Study program in Development Communication and Agricultural Extension, Board of study in Agricultural Extension, Post-graduate Institute of Agriculture, University of Peradeniya.
- Teaching panel member, Master’s Study program in Integrated Water Resource Management, Board of study in Agricultural Engineering, Post-graduate Institute of Agriculture, University of Peradeniya.

Recent Publications:

- Full length research papers in peer-reviewed journals (2018-2022):

- Yang, A.L., Raghuram, N., Adhya, T.K., Porter, S.D., Panda, A.N., Kaushik, H., **Jayaweera, A.**, Nissanka, S.P., Anik, A.R., Shifa, S. and Sharna, S.C. (2022). Policies to combat nitrogen pollution in South Asia: Gaps and opportunities. *Environmental Research Letters*.
- **Jayaweera, A.**, Inaoka, T. and Fujimura, M., (2022). How Sri Lankan Farm Households Intend to Reduce the Risk of Developing the Chronic Kidney Disease of Unknown Cause Prevalent in Their Communities. In *IOP Conference Series: Earth and Environmental Science* (Vol. 995, No. 1, p. 012066). IOP Publishing.

- **Anuradha, J.M.P.N.**, Fujimura, M., Inaoka, T., & Sakai, N. (2019). The role of agricultural land use pattern dynamics on elephant habitat depletion and human-elephant conflict in Sri Lanka. *Sustainability*, Vol. 11(10), 2818.
 - **Anuradha, J. M. P. N.**, Fujimura, M., Inaoka, T., & Sakai, N. (2019). Role of social and human capital in household resilience: empirical evidence from an agricultural village community with exposure to significant environmental stresses in Sri Lanka. *Global Social Welfare*, Vol. 8(1).
 - **Anuradha, J.M.P.N.**, Fujimura, M., Inaoka, T., Sakai, N. (2018). Collective labor-intensive farming towards sustainable farm livelihoods: the experience of labor exchange practice in Mawathawewa, Sri Lanka. *Journal of Environmental Sociology*, Vol. 24.
- **Publications in conference proceedings (2018-2022):**
- **Jayaweera, A.**, and Nissanka, S.P. (2022) A comprehensive review on the fertilizer subsidy policy and its impact on nitrogen fertilizer use in Sri Lanka. Proceedings of the XXI International N Workshop, Madrid. Spain.
 - D.R. Serasinghe and **A. Jayaweera** (2022). Effect of socio-demographic factors on advertising appeals underpinning food choice behavior of young adults in Sri Lanka. 4th International Conference of Agricultural Sciences (AgInsight 2022). University of Sabaragamuwa.
 - D. Wickramarathna and **A. Jayaweera** (2022). An inquiry into propensity of dwellers in the Udagaldebokka isolated forest-dependent community to resettle off the forest: A cultural consensus analysis. 4th International Conference of Agricultural Sciences (AgInsight 2022). University of Sabaragamuwa.
 - Ishara Senanayake, **Anuradha Jayaweera**, Sarath. P. Nissanka and Anastasia L. Yang (2022). Sri Lanka Fertilizer Policies, Performance of the Staple Food Sector and the Nitrogen challenge. SANH Full Meeting, Male, Maldives
 - **Anuradha Jayaweera**, Tsukasa Inaoka & Miho Fujimura (2021). How Sri Lankan farm households intend to reduce the risk of developing the chronic kidney disease of unknown cause prevalent in their communities. Invited paper. Proceedings of the SAC-SAFSE (Sriwijaya Conference on Sustainable Agriculture, Farming system, and environment) 2021.
 - **Jayaweera, A.**, Wickramasinghe, M.R.C.P. & Wickramarathne, D. (2021). A Systematic Inquiry to Validate the Land-Use Components and Practices of the Ancient Cascaded Tank Village System in the Dry Zone of Sri Lanka. Invited paper. Proceedings of the Cascade Ecology and Management 2021.
 - Silva, P.S.H., Weerasooriya, S.A. & **Jayaweera, A.** (2021). A Systematic Review of Literature on Dry Zone Home Gardens in Sri Lanka. Cascade Ecology and Management 2021.
 - Rathnayaka, R.M.M.P. and **Jayaweera, A.** (2021). Construction and validation of a scale to measure collective efficacy towards collective management of common pool resources in traditional agrarian communities. Cascade Ecology and Management 2021.
 - Perera, L.K.D.N. and **Jayaweera, A.** (2021). Psycho-Social Factors Predicting the Willingness of Rural Women to Engage in Profit-oriented Self-help Groups: A Study with Reference to Farm Households in the Mahakanumulla Tank Cascade System of Sri Lanka. Cascade Ecology and Management 2021.

- **J.M.P.N. Anuradha**, Fujimura, M & Inaoka, T. (2019). Application of a socio-cognitive model to investigate the factors predicting the farmers' intention to adopt long-term measures against human-elephant conflict in Sri Lanka. Proceedings of the 7th Conference on Sri Lanka – Japan Collaborative Research (2019), Peradeniya, Sri Lanka.
- **J.M.P.N. Anuradha**, Fujimura, M., Inaoka, T. & Sakai, N. (2018). Forestland encroachment and human elephant conflict in tank villages of Sri Lanka. Proceedings of the 6th International Conference of Asian Rural Sociology Association, 27-30 August 2018, Makassar, Indonesia.
- **J.M.P.N. Anuradha** & Fujimura, M. (2018). From a cherished national icon to a destructive pest: conflict between wild elephants and ancient tank village communities in the North Central Dry Zone of Sri Lanka. Proceedings of the 57th Annual Symposium of the Japanese Association for Environmental Sociology. 9 June 2018, Hiroshima, Japan.

- **Books/Book chapters**

- Nissanka, S.P., **Jayaweera, A.**, & Yang A. (2022). Nitrogen Policy Report: Sri Lanka. South Asia NitrogenHub (SANH): Peradeniya, Sri Lanka, and Edinburgh, UK.
- **Anuradha Jayaweera** & Jeevika Weerahewa (ED) (2021). *Wewu Bandi Wewu Gam* (Cascaded Tank Villages). University of Peradeniya. ISBN 978-624-5708-00-7.
- **Anuradha Jayaweera**, Miho Fujimura & Tsukasa Inaoka (2021). Conceptualizing farmers' intention to adopt long-term measures against the intense human elephant conflict in Sri Lanka (in Japanese). Volume 3 of the "Ecological Anthropology Challenges" book series. Kyoto University Press.
- **Anuradha J.M.P.N.** (2020). A psychological lens to conceptualize Sri Lankan farmers' adaptation behavior in the face of significant environmental stressors. In: De Silva R.P., Pushpakumara G., Prasada P., Weerahewa J. (eds) *Agricultural Research for Sustainable Food Systems in Sri Lanka*. Springer, Singapore.
- **J.M.P.N. Anuradha** (2017). Development and sustainability of public irrigation schemes in post-Independence Sri Lanka. In: De Silva S. (ed) *Development Dynamics; Transforming Societies for Sustainable Futures*. ISBN: 978-4-908682-01-8.
- Ginigaddara, G.A.S., Fernando, A.P.S., & **Anuradha, J.M.P.N.** (2013). Sustained adoption of the system of rice intensification (SRI); A Sri Lankan perspective, Oxfam Australia, ISBN 978-955-4785-00-7.

- **Newspapers**

- **J.M.P.N. Anuradha** (2017). කසල කළමනාකරණයට ජපානයෙන් පාඩමක් (*Waste management; a lesson from Japan*). Lankadeepa Sunday Edition.
- **Anuradha Jayaweera** (2017). ජපානය කුණු පාලනය කරන හැටි (*Waste management in Japan*). Lankadeepa Sunday Edition.
- **Anuradha Jayaweera** (2017). රටටම මිලිස් හඳන මාවතවැව ගොවියෝ (*Mawathawewa farmers producing chili to the whole nation*). Silumina Sunday Edition.
- **J.M.P.N. Anuradha** (2017). වැටුණු විට නැගිටින හැටි ලොවට කියා දුන් ජපන්හු (*The Japanese who taught the world how to rise after a great fall*). Rivira Wednesday Edition.

International Conferences/ Seminars and Workshops (2018-2022)

- Presenter: the XXI International N Workshop (2022), Madrid. Spain.
- Team member: SANH Full Meeting (2022), Male, Maldives
- Invited presenter, SAC-SAFSE (Sriwijaya Conference on Sustainable Agriculture, Farming system, and environment) (2021), Indonesia (Virtual).
- Presenter and a session chair: Seminar on “Environmental issues faced by rural communities in Japan and Asia” (2020), Saga, Japan.
- Presenter: The 7th Conference on Sri Lanka – Japan Collaborative Research (2019), Peradeniya, Sri Lanka.
- Presenter: The 6th International Conference of Asian Rural Sociology Association (2018), Makassar, Indonesia.
- Presenter: The 57th Annual Symposium of the Japanese Association for Environmental Sociology (2018), Hiroshima, Japan.

Currently Involved Collaborative Research Projects

- Research Partner - South Asian Nitrogen Hub Project: Sustainable Nitrogen Solutions for Agro-eco Systems.
- Principal Investigator (Sri Lanka) – SLU: AgriFoSe2030 sub-project: Functions in extension service pathways – Kenya, Sri Lanka and Laos”.
- Research team member - Australian Center for International Agricultural Research Project: Food loss mitigation in mango and tomato value chains in Pakistan and Sri Lanka.
- Research team member - AHEAD/DOR/52 Project: An Assessment of Economic and Environmental Feasibility of Alternative Agricultural Technologies to Restore Degraded Village Tank Cascade Systems of Dry Zone of Sri Lanka.

Currently Involved Community/ Social Work and Action Research

- Model Village Project in Galkadapathana, Walapane: Community tourism, Ethnic coffee, Self-organized agro-production groups.
- Food Bank Project in Udupussellawa (In collaboration with Aburnet Lanka PLC.)
- Isolated-forest Community Project in Udagaldebokka: An ethnographic exercise to record and preserve indigenous knowledge while exploring avenues to improve the quality of life of the target community.

Full Membership in Academic associations

- The Japanese Association for Rural Studies
- The Japanese Association for Environmental Sociology
- Sri Lanka Agricultural Extension Association