

Curriculum Vitae

Santa PANDIT, Dr.



Office Address

International Non-Profit Organization

Institute of Environmental Rehabilitation and Conservation (ERECON)

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Education

September 2015 - March 2019

Graduated from Department of Global Agriculture Sciences, The University of Tokyo, Japan, Ph.D. in Forestry.

Career

January 2009 - February 2011

Program Officer, Sustainable Utilization of Nature (NGO), Kathmandu, Nepal

August 2019 - March 2021

Research Assistant, United Nations University Institute for the Advanced Study of Sustainability, Japan

February 2023 - Present

Part-time Researcher, Faculty of Regional Environment Science, Tokyo University of Agriculture, Japan

April 2023 - May 2025

Secretary at the Research Center, Institute of Environmental Rehabilitation and Conservation, Japan

June 2023 - Present

Researcher at the Research Center, Institute of Environmental Rehabilitation and Conservation, Japan

July 2024 - Present

Project Researcher at the IIS, The University of Tokyo, Komaba Campus, Tokyo, Japan

June 2025 - Present

Deputy Secretariat Manager at the Research Center, Institute of Environmental Rehabilitation and Conservation, Japan

Specializations

- GIS and Remote Sensing
- Forest Inventory and Livelihood empowerment
- Machine learning and Statistical Analysis

Current Projects

Focusing on the fire recurrence and post-fire vegetation recovery across Cambodia: A multi-sensor remote sensing assessment

Languages

English / Nepali

Publications

There are more than 15 publications, and dominant ones are as follows.

- Pandit, S. and Huang, W. 2025. Mapping Land Use Shifts in Nepal's Protected Regions: Insights for Biodiversity and Resource Management. *International Journal on Environmental and Rural Development, ISERD*, 16 (1), 166-176.
- Pandit, S., Oki, K., Dube, T., Salem, S.I., Okumura, T. and Maki, M. 2025. Land Use Land Cover Classification in Japanese Wetland and Agricultural Landscapes via Machine Learning and Multi-source Sentinel Data. *Geocarto International*, 40 (1), 2575477.
- Pandit, S., Oki, K., Dube, T., Salem, S.I. and Morofuji, S. 2026. GIS-based Assessment of Sika Deer (*Cervus nippon*) Habitat Suitability and Human Conflict Risk using Integrated Analytical Hierarchy Process-multi-criteria Decision Analysis. *Ecological Informatics*, 93, 103562.

Awards

- Grant-in-Aid Scientific Research (Kaken) from Japan Society for the Promotion of Science (JSPS). 2021-2025. Co-Principal Investigator.
- Award of Excellent Paper. 2025. *International Society of Environmental and Rural Development (ISERD)*

That is all.