Name	Prof. Jamalam Lumbanraja, Ph.D		
Post	Soil Science		
Academic career		*Institution*	*Year*
	Initial academic appointment	*University of Lampung*	*1981*
	Doctorate (Soil Science)	*University of Kentucky, USA*	*1991*
	Undergraduate degree (Soil Science)	*University of Lampung*	*1980*
Employment	*Position*	*Employer*	*Period*
	Professor	*University of Lampung*	2004-now
Research and development projects over the last 5 years	1. Analysis of inorganic and organic content by leaching experiment of tephra mount Anak Krakatau after 2018 eruption, 2019-2020 (Rp. 40.000.000). 2. Strategy for Acid Dry Land Management to Increase Upland Rice and Corn Production by Utilizing Biochar and Drip Irrigation Techniques, 2020-2022 (Rp. 80.000.000) 3. Growth and Production of Green Beans and corn due to soil tillage and fertilization in Ultisol soil (long term experiment), 2021-2022 (Rp. 7.000.000). 4. P-adsorption on two soil layers of Anak Krakatau Mountain before and after the December 2018 Eruption, 2021-2022 (Rp. 7.000.000). 5. Potential Test of Kipahit Leaf (*Tithonia diversifolia*) As a Botanical Insecticide Against Cabbage Leaf Caterpillar (*Plutella xylostella L*.) (Rp. 7.000.000) 2020-2021.		
Industry collaborations over the last 5 years	Research collaboration with PT. Great Giant Food		
Patents and proprietary rights	*Title*	*Year*	
Important publications over the last 5 years	1. Hasibuan, R, O Cindowati, J. Lumbanraja , and F R Lumbanraja. 2022. Impact of Soil Fertilization on Arthropod Abundance and Diversity on Soybean Agroecosystem. *Biodiversitas*. 23 (4): 1828-1835. DOI:10.13057/biodiv/d230415 2. Lumbanraja, J, C. P. Satgada, S. Sarno, M. Utomo, R. Hasibuan, D. Dermiyati and S. Triyono. 2018. Phosphorus (P) Adsorption Behavior and Harvested P by the Sugarcane (Saccharum officinarum L.) Affected by Inorganic and Organic Fertilizer Applications on an Ultisol. *J. of Tropical Soil*. DOI: http://dx.doi.org/10.5400/jts.2018.v23i1.35-45 3. Barus, J., D. Meithasari, J. Lumbanraja, H.Sudarsono, K. F. Hidayat, Dermiyati. 2021. Soil mesofauna amount and diversity by returning fresh and compost of crops biomass waste in ultisols in-situ. *Biodiversitas*. 22 (1): https://doi.org/10.13057/biodiv/d220113		
Activities in specialist bodies over the last 5 years	*Organisation*	*Role*	*Period*
	Himpunan Ilmu Tanah Indonesia	Member	2020-2025
	International Soil Science Society	Member	Live member (1991-now)