

List of Publications

Tara Meghana Kaila

Journal articles (peer reviewed)

Review Article: **NANOFERTILIZERS IN AGRICULTURE**

Journal: *Acta Scientific Agriculture (International)*

Authors: **Tara Meghana Kaila**, Md. Wahiduzzaman(M.Sc.), Vamsi Golla(M.Sc.) **Jan 2021**

Book chapters

Book chapter: **MUNICIPAL SOLID WASTE**: Management and MSW compost impact on soil fertility

Book: *"CURRENT RESEARCH IN SOIL FERTILITY"* vol 2.

Authors: Ramyakrishna Koka(PhD), Kiran pilli(PhD), Shreya Das(PhD), **Tara Meghana Kaila**, **Feb 2020**

Conference Proceedings

International scientific conference for young scientists – Research and Practice in Forest Ecology Kornik, Poland. **Kaila Tara Meghana**, Daniella Sauer, Eugenio Diaz Pines, Simon Drollinger "Variations of ion concentrations in the stemflow and throughfall of a Beech forest in Germany Laundry" – Oral presentation of my master's thesis work

IGCS - MOTAN workshop, From Waste to Wonder: Navigating Challenges and Unlocking Innovation in the Plastics Industry of Tomorrow' and make a difference – shape the future with your innovative and sustainable ideas Germany Dec 2023. **Kaila Tara Meghana**, Shamik Prabhu, Plabana, Aditya, Harshall Deshpande, Jeyasri "Innovative Fix For Laundry Microplastics" – 1st prize for this innovation

Indo-German Centre for Sustainability- MOTAN workshop, Strategies towards a sustainable plastic industry: Rethinking the future of plastics, Germany. Dec 2022. **Kaila Tara Meghana**, Suchitra V, Mariha Feroz, Davis Jose, Rime Yaacoub presentation (ppt) on "Macro- and Microplastics in the environment Research and Alternative solutions in Packaging".

Workshop On Soil Erosion for The European Union, JRC ISPRA. Jun 2022. **Kaila Tara Meghana**, Vamsi Golla oral presentation (ppt) on "A review of soil erosion assessment by RUSLE model using Remote Sensing and GIS in India".

2nd International web-Conference- Smart Agriculture for Resource conservation and ecological stability. Academy of natural resources conservation & management, Lucknow, India. Oct 2021. **Kaila Tara Meghana**, Md Wahiduzzaman poster presentation on "Impact of Greenhouse gases on Agriculture and its management".

2nd International web-conference on- Resources & Diversities for Zero Hunger and Climate Resilience, Soil Conservation Society of India, Meghalaya, India. (Best Poster Award) Feb 2021. **Kaila Tara Meghana**, Abhishek Raj Vinukonda poster presentation on “Microbial Carbon dioxide sequestration: a sustainable approach for ameliorating climate change”.

Asian web conference- Managing Hill Resources & Diversities for Zero Hunger and Climate Resilience, Soil Conservation Society of India, Meghalaya, India. Feb 2021.

National Conference for PG Students (NCPGSTPT-2021) on Multidimensional Approaches for Sustaining Food and Nutritional Security, Tirupati, India. Feb 2021. **Kaila Tara Meghana**, Vamsi Golla poster presentation on “Exploring the nutrient use efficiencies of Re-cycled organic resources in Agriculture”.

National Web Conference -Sustainable Soil and Water Management for Bio-diversity Conservation, Food Security and Climate Resilience, Soil Conservation Society of India, New Delhi, India. Dec 2020. **Kaila Tara Meghana**, Ramya Krishna Koka, Kiran Pilli poster presentation on “Effect of silicon in the alleviation of heavy metal toxicity in contaminated soil”. **(Best Poster Award)**.

National Conference on Farmers Orientation Towards Climate Change and Upgradation to Sustainable Agriculture, Tamilnadu, India. Feb 2019. **Kaila Tara Meghana**, Tirunagari Rupesh, “Vermitechnology – a tool for soil health management”.