

Seminários à Hora do Almoço 25.11.2024, 13h00

“Tecnologias sustentáveis aplicadas à agricultura de base familiar: desafios e perspetivas na era de mudanças climáticas”

Lucieta Guerreiro Martorano

(Empresa Brasileira de Pesquisa Agropecuária – EMBRAPA, Brasil)

Nota curricular: Lucieta Guerreiro Martorano is a Meteorologist and Agricultural Engineer with a Master's and Ph.D. in Agrometeorology. She has worked in various Research Networks, including leading national and international projects. Her research focuses on evaluating the interactions within the Soil-Plant-Atmosphere system. Her research outcomes demonstrate her extensive experience in environmental sciences and sustainable land use, as well as in the development of social technologies for rainwater reuse, among other highly relevant research projects aligned with the Sustainable Development Goals, with a particular emphasis on the Amazon region. Notably, she participated in an international project aimed at assessing the role of biodiversity in mitigating climate change. This project was funded by the European Union through the FP7 program and other international agencies. She has also been involved in projects with traditional communities and indigenous groups, striving to integrate scientific knowledge with local practices, particularly regarding how these communities perceive their territories in relation to climatic conditions. Lucieta is committed to promoting more sustainable production processes while respecting local knowledge. Her academic contributions include publications in national and international journals, always focused on advancing the understanding of climatic, ecological, and socio-environmental dynamics. Her role as a professor in Master's and Ph.D. programs further emphasizes her commitment as a researcher to developing new scientific expertise in the Amazon. Her collaborative work with institutions in agricultural management and support, education, research, rural extension, and community leadership highlights her interdisciplinary and collaborative approach. Lucieta's involvement as a reviewer for scientific journals, participation in Deliberative Councils (SBMET and FIAM), the Advisory Council (ICMBio - Tapajós National Forest), and the Scientific Council (Large-Scale Biosphere-Atmosphere Program in the Amazon) demonstrates her active engagement in

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addressing challenges related to extreme events, climate change, biodiversity conservation, and ecosystem restoration in the Amazon.

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