

RESEARCH LINE: ECOLOGICAL ENGINEERING AND ECO-DEVELOPMENT

Description: Studies on the interaction health-diet-environment, using general system theory, energy balances, modeling, and simulation. Proposals for equipment selection, and system design (integrated production systems) and policies for sustainable development.

MODELING AND PLANNING OF INTEGRATED MODEL FOR FOOD PRODUCTION.

Professor ENRIQUE ORTEGA RODRIGUES

Laboratory of Ecological Engineering and Applied Informatics

Description: Study of the behavior of agroecosystems and aquatic ecosystems under various critical conditions. Energy and economic analysis of agricultural and agro-industrial systems in Brazil. Energy planning. Identification of priorities for sustainable development.