NutS-ProPlant

Nutrients accessibility speciation of organic residues from wastes for both pro-cess treatment and plant nutrition: physico-chemical indicators definition

ABSTRACT

The Julie JIMENEZ research topic at INRA-LBE is focused on the rationalization of the treatment plant configuration through reverse engineering in order to optimize all the process design according to the targeted services (e.g. main valorisation way as energy production by anaerobic digestion and organic fertilizer production).

The specific objectives of the project are (i) select the best procedure of nutrients speciation according plant nutrition demand, (ii) validate the procedure by per-forming plant pot trials and find correlations between physic-chemical indicators and biological response;

Keywords : Scenario, Multi-agent system, Forest fragmentation, Agrobiodiversity, Agroecosystem

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Flagship project : no

Project leader : Julie Jimenez
Project leader's institution : INRA-INRAE
Project leader's RU : LBE

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