

## TRABAJOS FINAL DE MÁSTER PRESENTADOS

### Máster en Ingeniería Ambiental – Curso 2019-20

ESTUDIANTE	TÍTULO
Allcahuaman Quichua, Ruben	Study of the bioplastics production process using sewage sludge and organic fraction of municipal solid waste
Aponte Calle, Lourdes	Design of an Integrated Municipal Waste Management Center in Piura – Perú
Argüello Ferrer, Daniel	Research into new uses for the regenerated water of the tertiary treatment plant of Rubí-Les Fonts
Baeta Trias, Joana	Case-Study of filling station bioremediation
Bernales Muñoz, Milagros	Development of an air pollutant emission control system for the fishmeal industry in Peru
Farman Diaz, Fiorella Rubi	Implementation of municipal waste management in the disttrict of Pativilca, Peru
Fradera Atmella, Vinyet	Continuous culture of sulphur-oxidizing microorganisms for metal recovery
Garino, Agustina	Water Foodprint for People
Gutarra Marquina, Luis Axcel	Computer aided assessment of renewable resources
Jimenez Martin, Lorena	Volatile fatty acids production from urban organic wastes using rumen liquid
Lai, Claudia	Application of the photo-Fenton process at circumneutral pH to agricultural water reuse
Leon Calle, Milagros	Design of a natural wastewater treatment plant for a school in Gandiol, Saint Louis, Senegal
Llarch Jimenez, Laura	Technologies and opportunities for phosphorous revocery through struvite precipitation in wastewater treatment plants.
Llin Brosa, MArc	Deveploment status of global marine wind energy and contribution to the future development in Spain
Llorens Pol, Jan	Design of sustainable faecal sludge management system for rural areas in Senegal
Lopez Diaz, Andres	Design of an innovative collection systems for the organic fraction of municipal solid waste
Mico Vallve, Marti	Realization of a virtual platform for sustainability advice
Noguer Pich, Bet	Adding biochar to the composting process: effect of the resulting amendment in agricultural soils
Pacheco Martinez, Antonio	Study of the abatement of micropollutants from wastewater by Advanced Oxidation Processes: a simulation study
Peiró Jimenez, Antonio	Surrogate model for chemical absorbents mixtures for CO <sub>2</sub> capture
Peña Allard, Jean Carlos	Feasability study to build a second contingency water treatment plant to supply the metropolitan area of the city of Panama

Perez Esteban, Noemi	Potencial and limitation of co-fermentation: Areview
Quezada Prado, Mauricio Daniel	Introducing Eco-gamma: A novel environmental impact index for water quantity and quality evaluation
Quintero Payan, Alex Camilo	A review on the performance oof anaerobic membrane bioreactors for high saline wastewater treatment
Revelles Lastra, Janire	Implementation of Eco-Management and Audit Scheme (EMAS) system in a chemical plant
Sarda Arimont, Xavier	Analysis and comparison of the environmental management systems of different industrial activities
Su, Haoran	A feasible design of recycling plant for waste liquid crystal displays
Vallespinós Forner, Albert	Guidance for implementation of standard ISO 14001 in a Galvanic Comapny
Webster Moscoso, Juan	Design of a wastewater treatment plant for the company Lácteos San Antonio in Cuenca-Ecuador