

PROPOSALS TFM SAES 2023/2024

Ecological Economy

1. ['Climate Relief Maps' an intersectional methodology development for studying urban climate health injustice](#)
2. [Defining an energy system aligned with the principles of the Catalan network for energy sovereignty \(LIVEN1\)\(EE,UIE sp\)](#)
3. [Energy Dependence Spain and Geopolitics](#)
4. [Environmental Certifications And Other Sustainability Indicators For Improve Positions In Rankings \(EE,UIE sp\)](#)
5. [Franco and Sustainability Transformations in Spain](#)
6. [Household Energy Metabolism of Spain](#)
7. [Learning from Sustainability Transformations against vulnerability in European rural areas](#)
8. [Life-cycle Assessment of circular forest management practices through a biorefinery plant \(EE, UIE sp\)](#)
9. [Franco and Transformations in Spain 2023](#)
10. [Sustainability transformations in Europe 2023](#)
11. [Transformation by and for whom 2023](#)
12. [Green claims \(EE, UIE sp\)](#)
13. [Strategy and new proposals for sustainable textiles \(EE, UIE sp\)](#)
14. [Protected Green space as Climate Justice Shelters for Migrants and Racialized Groups in Catalonia \(EE, GC sp\)](#)
15. [Quantification of the energy metabolism of Girona](#)
16. [The external vulnerability of the Spanish Energy transition \(ETOS\) \(EE,UIE sp\)](#)
17. [The politics of ecological restoration in Catalonia](#)
18. [Transformations by and for whom An intersectional look at vulnerability and transformation in rural Spain](#)
19. [Unrevealing Environmental Justice through Urban Green Space Accessibility](#)
20. [Urban Food Justice for All \(Re\)Shaping Food Justice and Food Citizenship in Diversifying Cities-the case of Barcelona](#)

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Global Change

1. [A comparative analysis of drought management in Catalonia \(2008-2023\)](#)
2. [Aerobiology in Les Planes de Son](#)
3. [Climate change effects in deprived neighbourhoods](#)
4. [Forest Drought Monitoring using remote sensing data](#)
5. [Impacts of charcoal production on soils and forests](#)
6. [Perception of local biodiversity](#)
7. [Proposals PN Montseny](#)
8. [Protected Green space as Climate Justice Shelters for Migrants and Racialized Groups in Catalonia \(EE, GC sp\)](#)

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Urban Industrial Economy

1. [Accurate material analysis of PCBs for EVs \(DIG\)](#)
2. [BINAFET Concept and its economic viability](#)
3. [Biodegradability and compostability of bio-based materials \(BID2\)](#)
4. [Biodegradability and compostability of bio-based materials \(COMP\)](#)
5. [Defining an energy system aligned with the principles of the Catalan network for energysovereignty \(LIVEN1\)\(EE,UIE sp\)](#)
6. [Do proximity environments promote shorter travel distances and time](#)
7. [ECOFARM-CITY Circular vertical farms to reduce environmental impacts in cities](#)
8. [Environmental assessment of a Micro and Nanofabrication Clean Room](#)
9. [Environmental assessment of circular resource management in a primary school](#)
10. [Environmental assessment through the Emission \(BVOCs\) Factor of soilless crops in RTA \(Rooftop Agriculture\)](#)
11. [Environmental Certifications and other sustainability indicators for improve positions in rankings \(EE, UIE sp\)](#)
12. [FOCUSE-Food production and provisioning through Circular Urban Systems in European Cities](#)
13. [From waste to food possibilities of mushroom production with circular solutions](#)
14. [Green claims \(EE, UIE sp\)](#)
15. [Indicator selection for sustainability assessment of Urban Farms \(UF\) typologies within the FoodCityBoost project](#)
16. [Integrating environmental evaluation parameters in LCA \(LIVEN2\)](#)
17. [Irrigation of urban parks in the midst of drought events expendable or essential](#)
18. [Life cycle assessment and citizen science](#)
19. [Life cycle assessment of electrochemical cells for CO2 and N capture and valorization](#)
20. [Life-cycle Assessment of circular forest management practices through a biorefinery plant \(EE, UIE sp\)](#)
21. [Micromobility as a green solution for urban mobility Reviewing the impacts of shared e-scooter and e-bikes over climate change and greenhouse emissions](#)
22. [Modular ventilation system integrated with urban food production in educational buildings](#)
23. [Nature-based Solutions for Sustainable Stormwater Management](#)
24. [Queering active mobilities intersectional experiences of queer women when biking](#)
25. [Revealing Influential Factors in the Usage of Municipal Solid Waste Compost as a Fertilizier in Urban Agriculture](#)

26. [Strategy and new proposals for sustainable textiles \(EE, UIE sp\)](#)
27. [Sustainable Soil Regeneration and Fertilization Assessing](#)

28. [Temporal and distance Nuances in Urban Proximity Rethinking the 15-Minute City Concept](#)
29. [The external vulnerability of the Spanish Energy transition \(ETOS\) \(EE,UIE sp\)](#)
30. [The relationship between urban proximity and social cohesion Do proximity neighborhoods promote social interaction among its residents](#)
31. [The use of materials in new technology products \(BID1\)](#)
32. [Tracing Recoverable Nutrients in Urban Areas](#)
33. [Understanding the spatial distribution of coworking spaces in Barcelona](#)
34. [Unveiling the Impact of Combined Sewer Overflows \(CSOs\) A Comprehensive Synthesis of Pathways and Intersections with Environmental Justice](#)
35. [What are the environmental benefits of repowering wind parks \(JW4ALL\)](#)