

1 Institution and responsible: Federico Demaria, University of Barcelona (federicodemaria@gmail.com)

2 Title: Wastepickers in Barcelona

3 Aim: The aim of this research project is to investigate the informal recycling sector in Barcelona, in order to understand the services it provides, as well as the challenges it faces. There are thousands of informal recyclers in Barcelona, but we know very little about them. The student would join an interdisciplinary team of researchers already working on this project composed by a sociologist, an anthropologist, an environmental scientist and an economist. The student will carry out interviews with recyclers, so that some Spanish is required. The theoretical framework is both political ecology and ecological economics, with a focus upon environmental justice.

4 Outcome: Scientific article (8000 words)

1 Institution and responsible: Federico Demaria, University of Barcelona (federicodemaria@gmail.com)

2 Title: The struggles of informal recyclers in the Global South

3 Aim: The aim of this research project is to understand the threats faced by informal recyclers in the Global South. The theoretical framework is both political ecology and ecological economics, with a focus upon environmental justice. The method is basically the Environmental Justice Atlas, the largest global inventory of environmental conflicts.

The student would join the Barcelona Research Group on Informal Recyclers that is mapping conflicts related to informal recyclers in the Global South. You can see the existing map with about 80 conflicts here: <https://ejatlas.org/featured/wastepickers>. The student would enter 10 cases into the EJAtlas, and then analyze them. This is desk research, in the sense that information is collected by searching information in the web, for example in newspapers or NGOs reports. More details here: <https://theconversation.com/how-waste-pickers-in-the-global-south-are-being-sidelined-by-new-policies-132521>

4 Outcome: Scientific article (8000 words)

1 Institution and responsible: Ana Moragues Faus, University of Barcelona (ana.moragues@ub.edu)

2 Title: Reshaping urban food systems to deliver sustainability and food security.

3 Aim: The aim of this piece of work is to understand how different cities deliver sustainability and food security outcomes by analysing

their distinct social-ecological configurations and exploring people's everyday food practices in the city. This analysis will include understanding social and ecological urban dynamics and how they result in different levels of health and wellbeing, prosperity and sustainability. The work will build on a diagnosis of Barcelona's food system that is being conducted with the city of Barcelona and dive into specific neighbourhoods and communities to understand how the city shapes their food practices and viceversa. In the context of Barcelona becoming the World Sustainable Food Capital in 2020, we will also explore how the city's food system is shaped by diverse food policies and governance dynamics. It would be possible to conduct 2 MSc in different parts of Barcelona and/or metropolitan area.

4 Outcome: Scientific article (8000 words)