



Sons al balcó: Soundscape map of the Confinement in Catalonia

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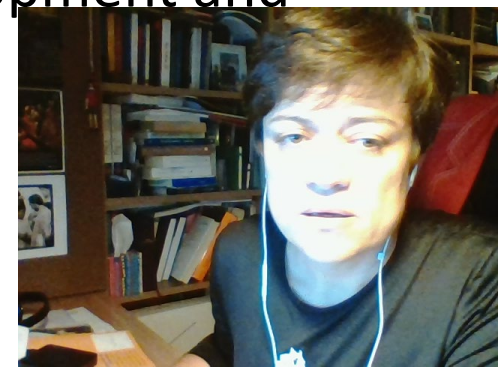
ISGlobal: Maria Foraster



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- GTM – La Salle and ISGlobal Joint Research Project.
- **Technical Goals:**
 - Draw the soundscape map of the Confinement in Catalonia, by means of
 - Collecting objective data (short videos) and subjective data (questionnaires).
- **Social impact of the project:** dynamic collaboration with citizens and other stakeholders to
 - create social and environmental impact, and
 - to widen awareness and design tools to improve citizenship development and empowerment, in order to
 - support several Sustainable Development Goals from the UN.



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- We designed a socio-acoustic survey implemented in LimeSurvey and distributed using social media (Twitter, LinkedIn)
 - It included socio-demographics, quality of residential soundscape and the individual perception.
 - Participants could upload short videos of their soundscapes at home and characterize several types of sounds.



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- *Next steps*:
 - Detailed analysis of the answers of the questionnaires taking into account socio-demography
 - Acoustic and image processing of all the samples collected, and its relation with the questionnaires
 - Comparison of the results of the video analysis with the L_{aeq} values from the WASNs deployed in several cities in Catalonia (Girona, Barcelona)
 - Analysis of the social networks feedback during the confinement to complement the questionnaires
 - Future collecting campaign during the so called 'New Normal'





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