



Ciencia ciudadana con y para las bibliotecas públicas

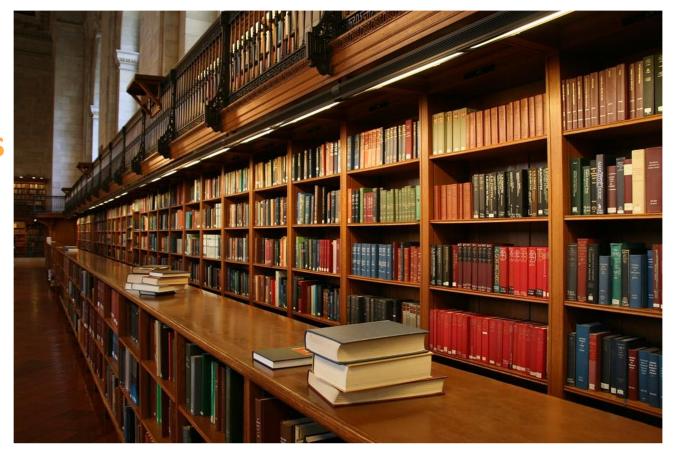
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public libraries ?







But... public libraries are not only books...

Multidisciplinar Transcultural Transgenerational **SPACES**



IT equipment
Rooms
Geographicallydistributed

INFRASTRUCTURES



Local users
Librarians
CSOs
Administrations

COMMUNITIES









Citizen Science in Action





- 1) Librarians capacitation in Citizen Science
- 2) Co-created Citizen SOCIAL Science project

24 Public Libraries from the Barcelona Library Network









30 Librarians24 Libraries

4 researchers/trainers/facilitators 25h capacitation/training

40 users (co-creation)
400 collective experiments participants





Librarians Capacitation 1/4



4 Trainers
30 Librarians

24 Libraries

10 hours of Capacitation + extra "homework"

Session I:

What is citizen science?

Paper-based questionnaire (librarians)

Session II:

Testing citizen science projects

Session III:

Citizen science and public libraries

Session IV:

Co-creating the toolkit - I

Session V:

Co-creating the toolkit - II

Paper-based questionnaire (librarians)





Librarians Capacitation 2/4



Open Publication for:

- 1) Librarians
- 2) Library users
- 3) Anyone interested in Citizen Science

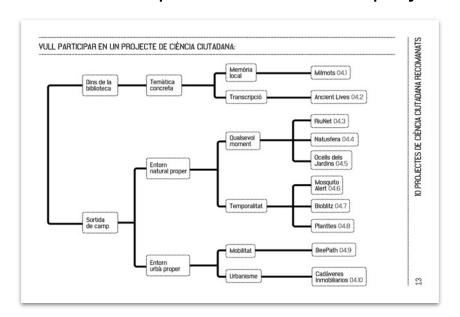
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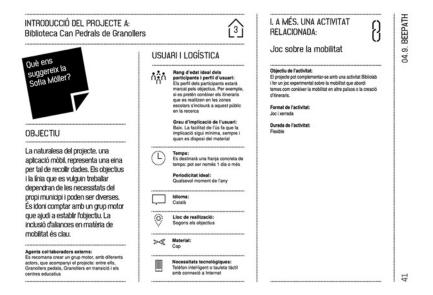




Librarians Capacitation 3/4

Practical Implementation of 10 projects in 24 Libraries:





https://zenodo.org/record/3490610#.XqGc1xMzafU





Librarians Capacitation 4/4

Before Capacitation:

ONLY 32% of Librarians did see themselves capable of providing their users with content related to CS



After Capacitation:

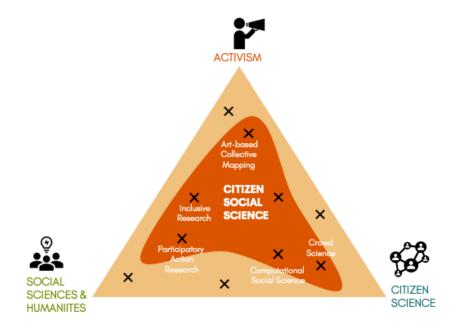
100 % of Librarians self declared able to recommend and explain some CS projects to library users82 % of Librarians felt motivated to be more engaged in CS projects







Co-created Citizen SOCIAL Science 1/5

























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Co-created Citizen SOCIAL Science 2/5

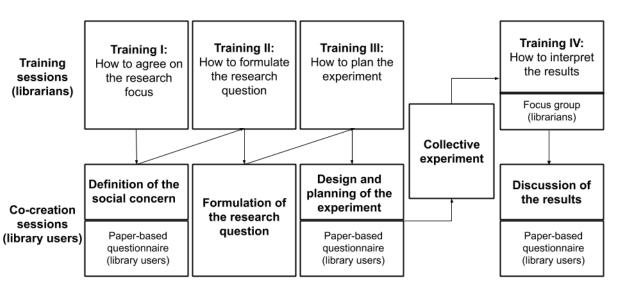


3 Facilitators (Researchers)

7 Librarians

4 Libraries in 3 cities

40 Library Users







Co-created Citizen SOCIAL Science 3/5



Libray Roca Umbert, Granollers. June of 2019



Libray Fort Pienc, Barcelona. March of 2019





Co-created Citizen SOCIAL Science 3/5



Plaça Josep Maluquer i Salvador, Granollers. juny de 2019



Social Concern: access to housing. 408 participants in 3 cities.













Co-created Citizen SOCIAL Science 3/5

Library users

70% agreed to a great extent that the public behavioral experiment had positively changed their perception of the library



58% very motivated to run the experiment (58%, n=18) **70% very satisfied** with the experiment

Librarians

100% high or moderately high motivated to run the experiment





Citizen science for public libraries Specific projects for each library

Citizen science with public libraries
Citizen Social Science strengthen
the social relevance of the libraries





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Public libraries embrace citizen science: Strengths and challenges

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ABSTRACT

Can public libraries become hubs for citizen science? In line with the principles of citizen science, this question was answered collaboratively with librarians from the Barcelona Network of Public Libraries who performed two hands-on activities. One activity was a training course taken by 30 librarians from 24 different libraries which enabled them to envisage citizen science implementation at each library. The other activity consisted of cocreating a citizen social science project and involved 40 library users, seven librarians from three different cities, and professional scientists. The analysis considers the perspectives of both librarians and users, through participant observation, surveys, and a focus group to identify strengths and challenges. The overall results suggest that public libraries can offer leadership in the promotion of citizen science and contribute to the mission of public libraries to act as local community hubs. The main challenges identified were related to the complexity of collaboration, uncertainty regarding research co-creation, and participant retention strategies.







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Data Article

Citizen science at public libraries: Data on librarians and users perceptions of participating in a citizen science project in Catalunya, Spain



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Thank you!

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