Ciencia ciudadana con y para las bibliotecas públicas

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

Multidisciplinary
Transcultural
Transgenerational

SPACES

IT equipment
Rooms
Geographically-distributed

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 Librarians
24 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?

**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

https://zenodo.org/record/3490610#.XqGc1xMzafU
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 users
**82 % of Librarians** felt motivated to be more engaged in CS projects
The CoAct project has received funding from the European Union’s Horizon 2020 Research and Innovation programme under grant agreement No. 873048.
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

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

Plaça Josep Maluquer i Salvador, Granollers. juny de 2019
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
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 co-creating 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.
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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