

Citizen Science in Public Libraries: an Experience in Linguistics

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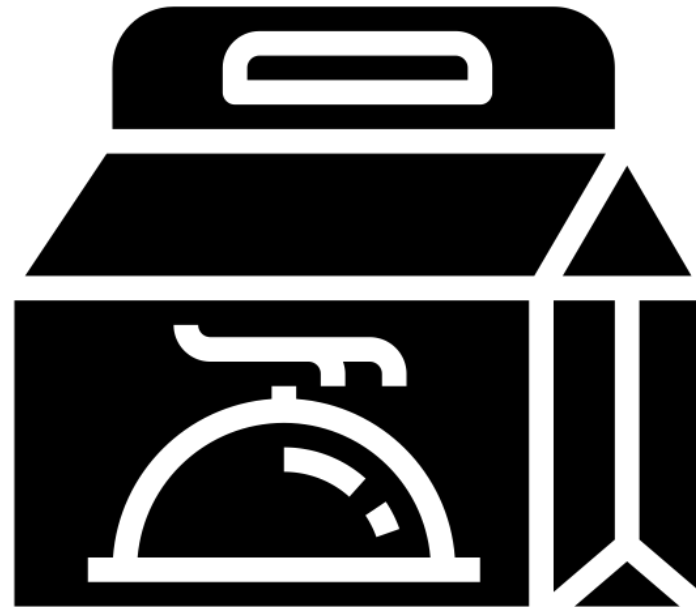
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Open Science International Staff Week
6-8 November 2019
Universidad Carlos III de Madrid

Take-away messages

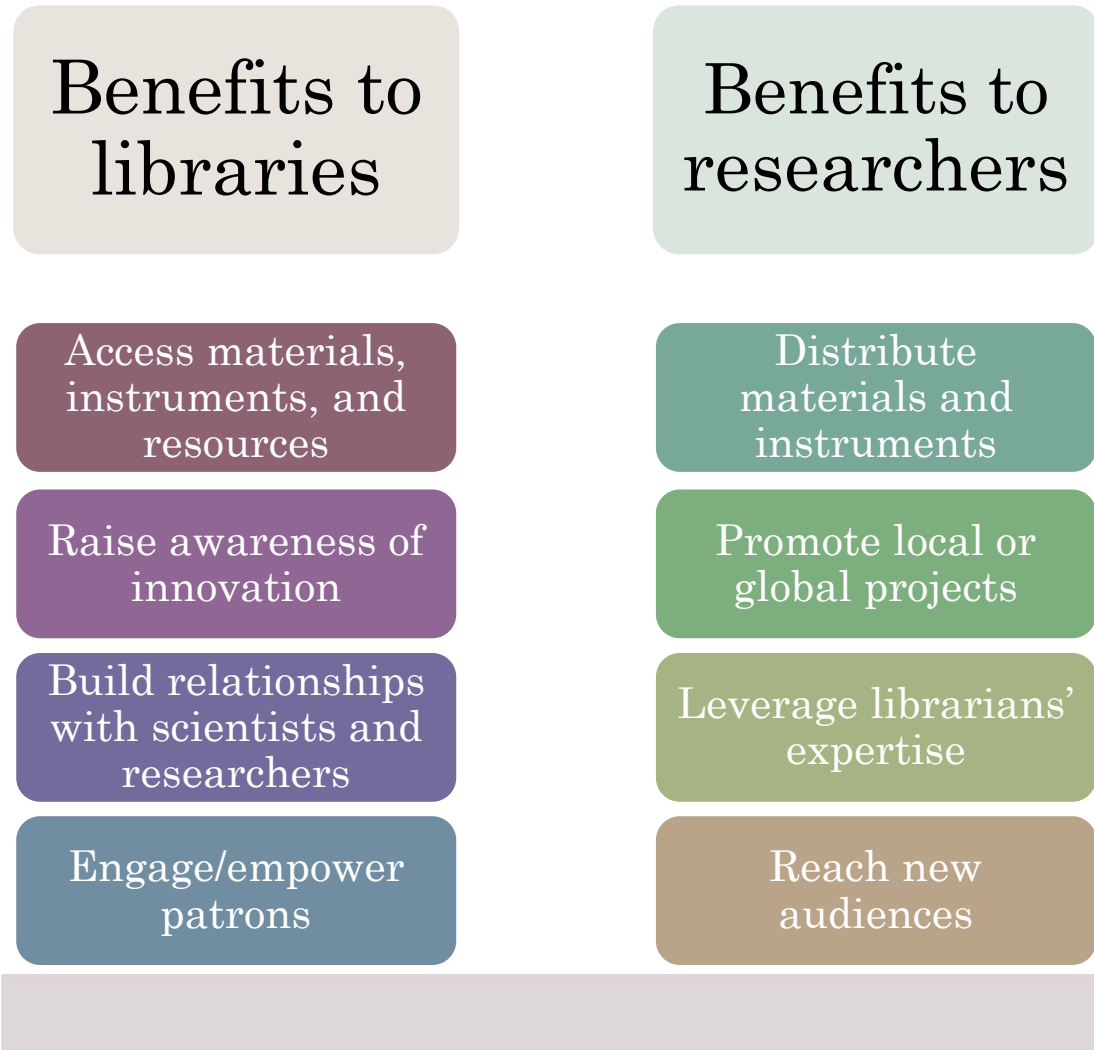
Public
libraries as
hubs for
Citizen
Science



Citizen
Science
approach
suits the
Humanities

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Mutual benefits

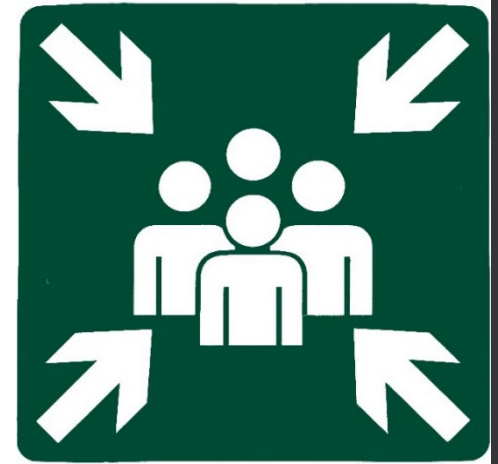


Based upon Cavalier et al. (2019)

Roles of libraries in CS (non-exhaustive list)

- **Attracting and training participants**
- Offering **infrastructures**
- Helping with **promotion, dissemination** and **popularisation**
- Piloting **protocols**
- Contributing to making data **FAIR**
- Designing **toolkits for CS**

... and more in Ignat et al. (2018)



Engagement of libraries in CS

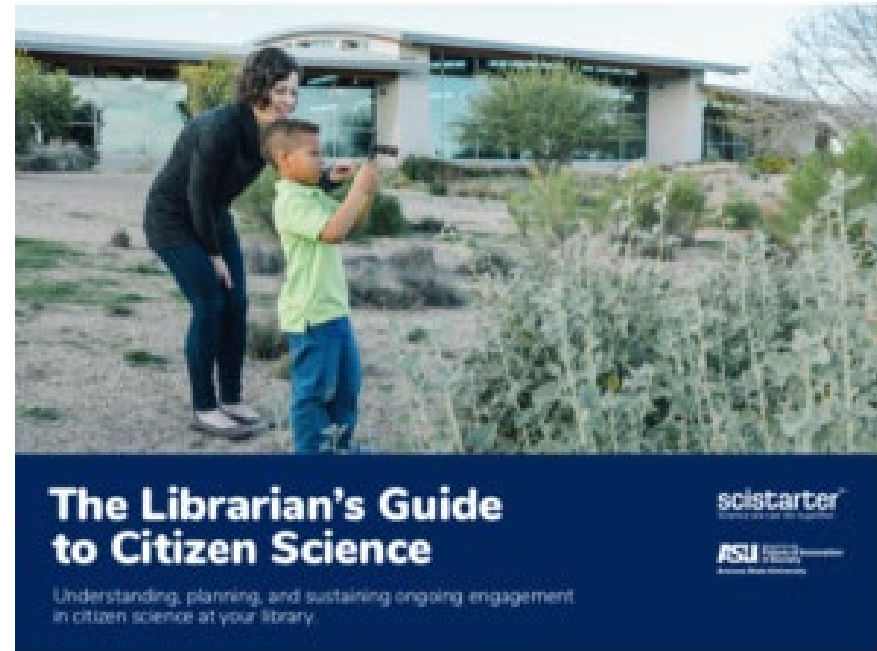
Facilitators?



Promoters?

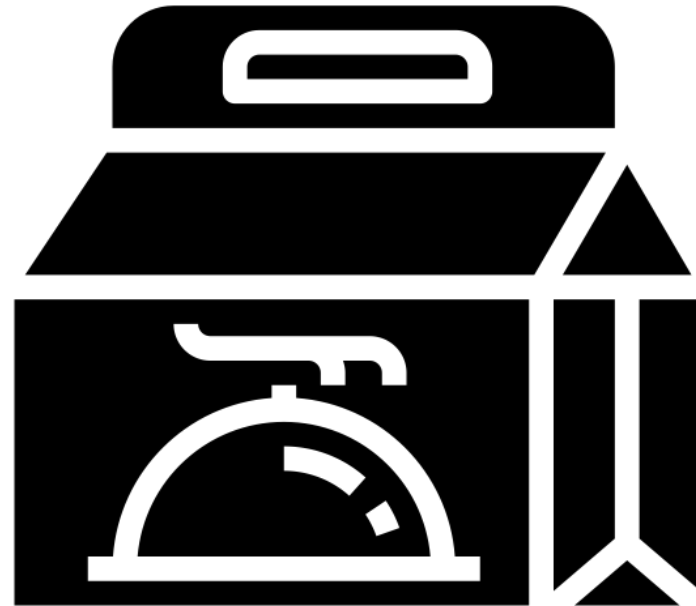
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Some good examples



Take-away messages

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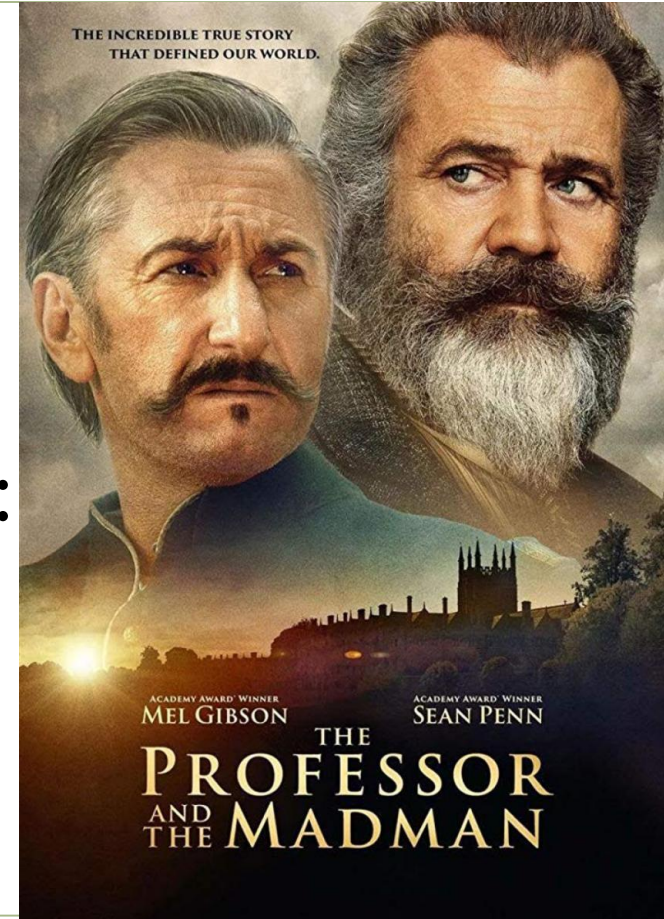


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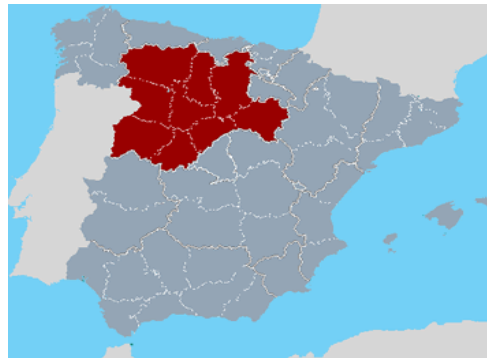
Citizen science and Linguistics

- **Crowdsourcing:**
 - Transcription of texts
 - NLP
 - Corpus compilation
- Successful examples in **lexicography:**
 - ✓ Oxford English Dictionary (19th century)
 - ✓ Čibej et al., 2015 for Slovene



NeoUSAL neology observatory

- ✓ Castilla y León
- ✓ 10 local newspapers
- ✓ Twice a month
- ✓ Since 2009



Lexicographical
filter

Creation of a
neological
repository

Let's taste what the participants
in our experiment felt

<http://menti.com> → enter code

Go to www.menti.com and use the code **69 31 44**

Is "millennial" a new word?

 Mentimeter

You might be



Slide is not active [Activate](#)

 0

Go to www.menti.com and use the code **69 31 44**

Should "millennial" be in a dictionary of new words?

 Mentimeter



Slide is not active

[Activate](#)

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Face-to-face survey

- In a public library
- March 2019
- 50 participants
- Use of Mentimeter

- ✓ Neologism **identification**
- ✓ Neologism **characterization**
- ✓ **Dictionariability** of neologisms

CITIZEN SCIENCE & BP

¿QUÉ TE HACEN SENTIR LAS NUEVAS PALABRAS?

Experimento ciudadano

Coordinación: Nava Maroto (Grupo NEOUSAL, Universidad Politécnica de Madrid)



Si te gustan las palabras, si te interesa el modo en que se incorporan a nuestra lengua, participa con nosotros en este experimento de **ciencia ciudadana**.

¿Cuándo? 27 de marzo 2019, 19 h

¿Dónde? Salón de actos de la biblioteca

Entrada libre hasta completar el aforo

Al final de la actividad se sorteará un vale de 50€ en libros

+INFO e inscripciones: **Mostrador de Información de la biblioteca**
Formulario de inscripción: <https://goo.gl/forms/SvwnTAKACLEHmh2p>

Experiment assessment

- Resort to **non-expert citizens**
- **Library** as venue
- **Future collaboration**
- **Contact and feedback**





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from Noun Project

Next steps?

App development



Pescapalabras: a platform to...

- **Contact participants** for future experiments
- Organize events at **public libraries**
 - Participant **recruitment**
 - Participant **training**
 - **Protocol testing**
- Download the **app**
- **Acknowledge** participants
- Protocol **gamification**



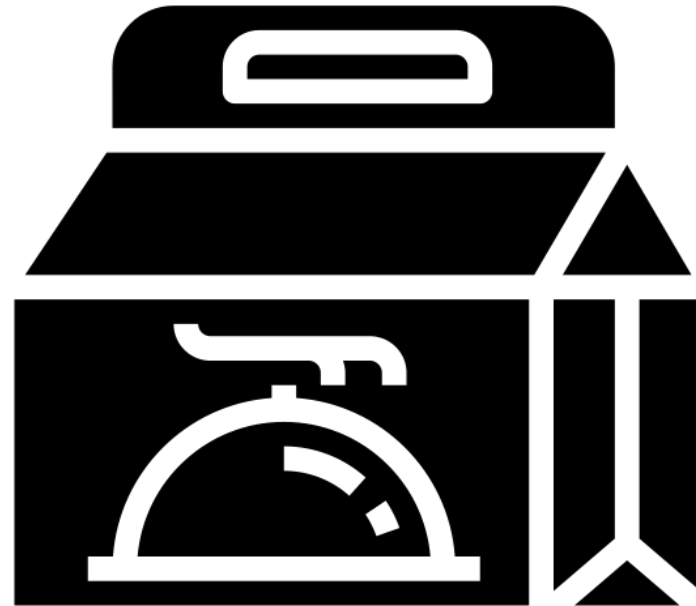
Ciencia ciudadana aplicada a la neología

pescapalabras.home.blog

Se unió en julio de 2019

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Thank you!

