



# From open and citizen science to activism: roles of academic staff

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INTEGRATING OPEN AND CITIZEN SCIENCE INTO  
ACTIVE LEARNING APPROACHES IN HIGHER EDUCATION



# What do you see?

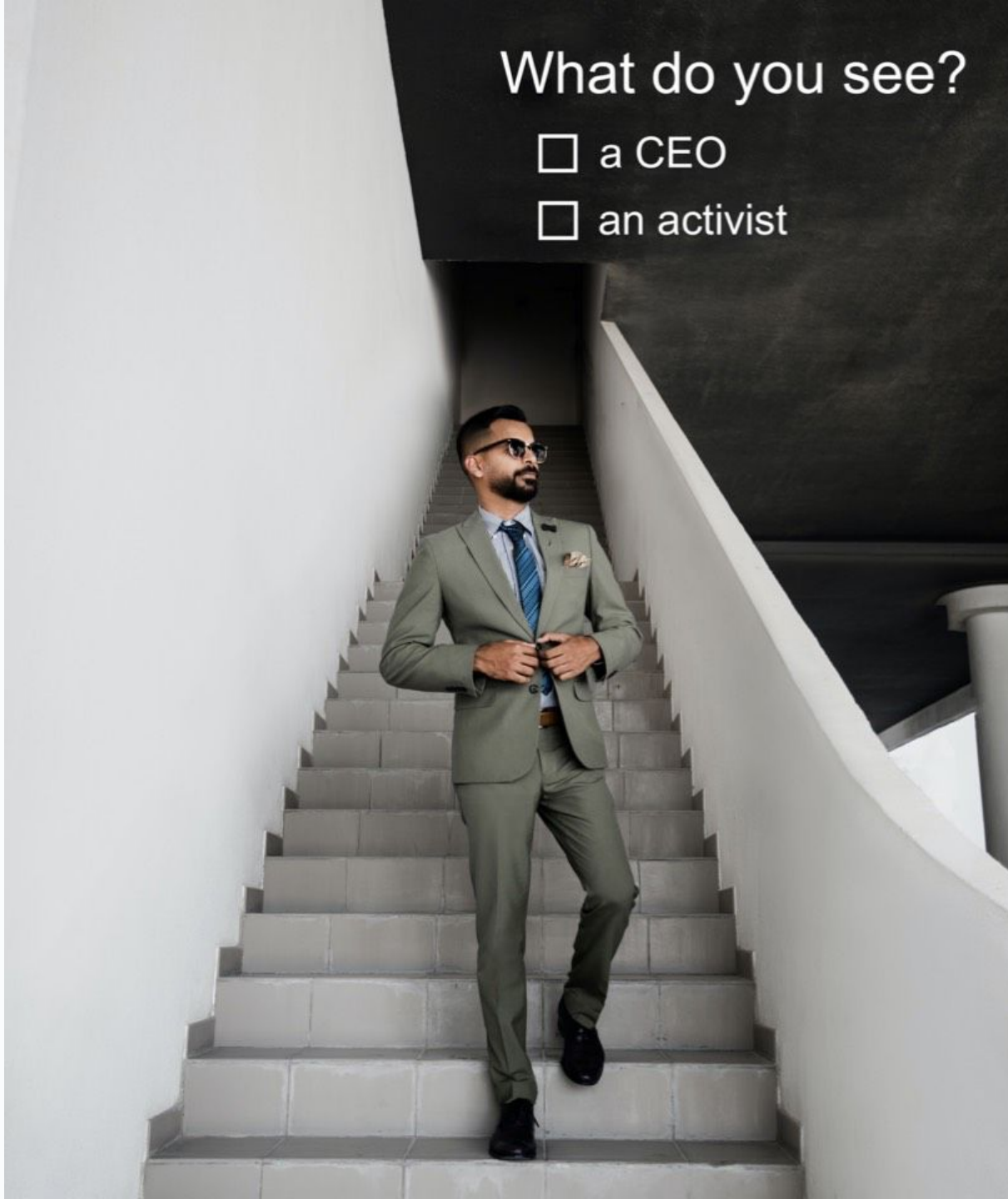
- ☐ an activist
- ☐ a yoga teacher



# What do you see?

☐ a CEO

☐ an activist





What do you see?

☐ a pop star

☐ an activist





# What do you see?

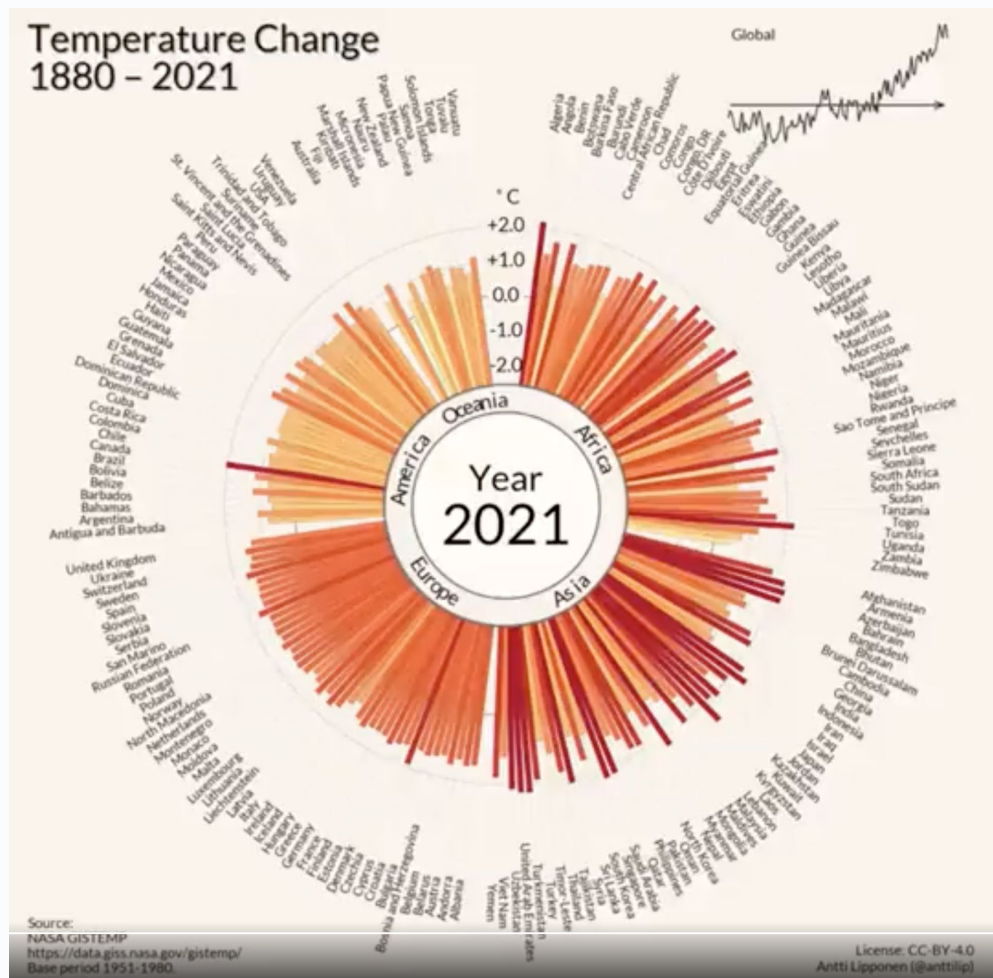
- ☐ an activist
- ☐ a chess master



# Global emergencies

« six people  
decided a  
uterus was  
state property »

Ryan Ken on [Twitter](#), July 6



#Notmytaxonomy #greenwashing

An Erasmus+ KA2 (Higher Education) project, 2019-2022

# ‘Integrating Open and Citizen Science into Active Learning Approaches in Higher Education’

## Partnership



**AALBORG UNIVERSITY**  
DENMARK

université  
de **BORDEAUX**



Ligue des Bibliothèques Européennes de Recherche  
Association of European Research Libraries



**TALLINN UNIVERSITY**

Web2Learn  
Open, Social Learning



**UNIVERSITY  
OF OULU**



# The INOS Project

## “Integrating Open and Citizen Science into Active Learning Approaches in Higher Education”

We aim to:

- ❑ **Modernise** Higher Education curricula
- ❑ **Upskill** Higher Education academic and library staff, and students
- ❑ **Connect, learn, build capacities** through a range of citizen science initiatives (datathons, service jams, Dotmocracy workshops, knowledge cafés, fablabs, etc).

**inos-project.eu**





# Scope of the webinar

- Exchange on forms of social action undertaken by contemporary academic staff – can they help change patterns of social and environmental injustice in collaboration with citizen communities?
- question the roles of contemporary researchers in action taking and in the translation of their scholarly findings into real social action.

# “Academic activism”



**Society**  
**Science**

**S**o **c**ie**n**ce**t**y

# What do you see?

- ☐ tenured staff
- ☐ an academic activist





# What do you see?

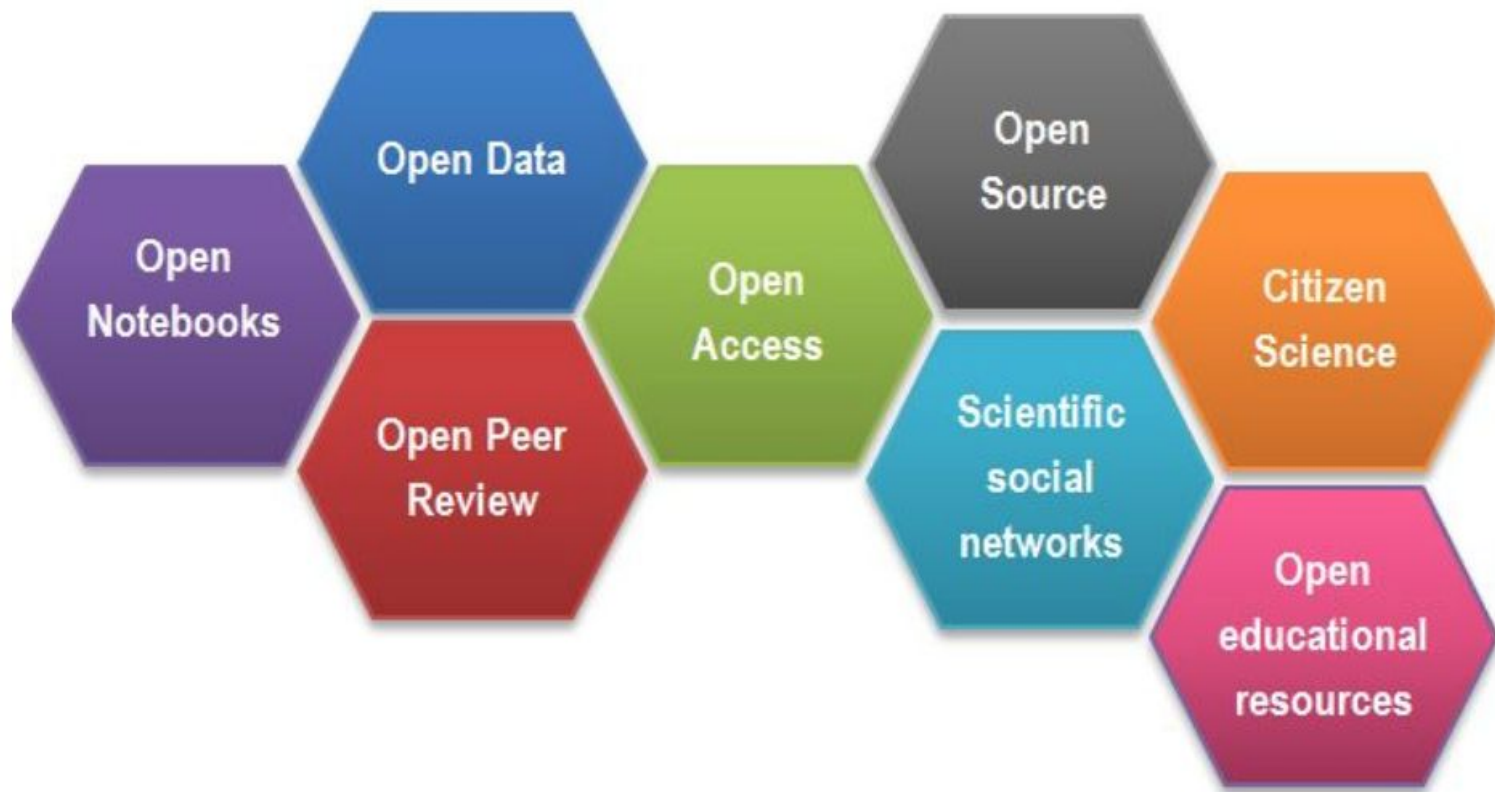
- ☐ eternal students
- ☐ academic activists



# Academic activism and open and citizen science



# Open science as advocacy for a “better” world



Cf. FOSTER project

# Citizen science as advocacy for a “better” world

## CITIZEN SCIENCE FOR POLICY ACROSS EUROPE



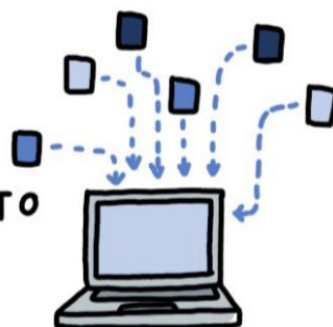
eu-citizen.science

SVEN SCHADE CURRENT STATE OF CITIZEN SCIENCE ACROSS EUROPE

EUROPEAN COMMISSION

CITIZEN SCIENCE FOR POLICY

- ① CONNECTING DATA TO POLICY MAKERS
- ② FEEDBACK
- ③ MONITORING



CO-CREATION AND CO-DESIGN



POLICY FOR CITIZEN SCIENCE



DIFFERENT IN EACH COUNTRY

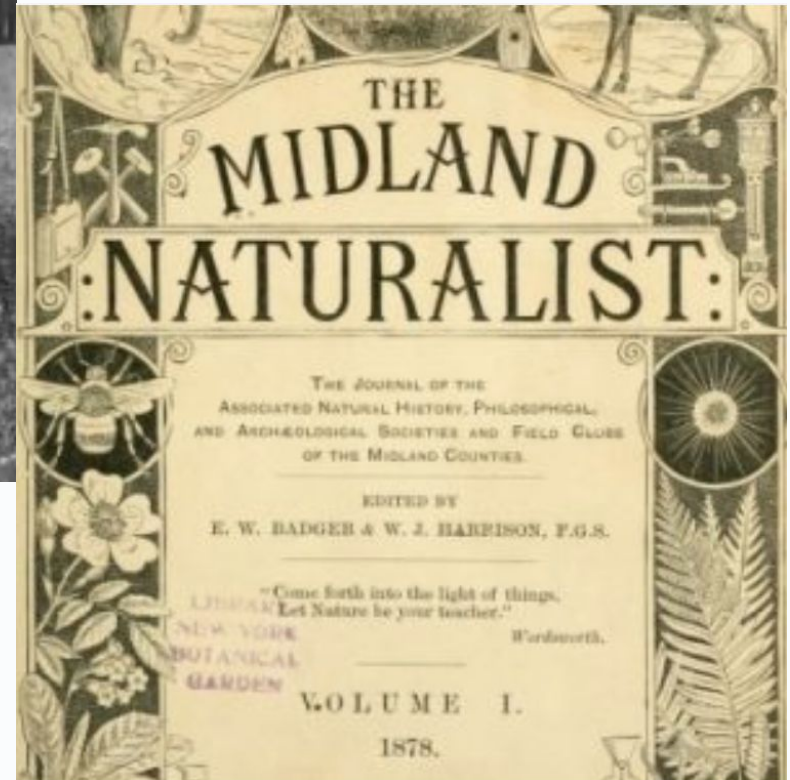
DIFFERENT TERMS AND PRACTICES

SCALING

IMPROVING THE INTERPLAY BETWEEN SCIENCE AND SOCIETY

THESE APPROACHES WORK

# Citizen scientists in the 19th century



<https://www.jic.ac.uk/blog/the-2018-innes-lecture-citizen-science/>



# Citizen scientist

- Putting data into action
- Conveying the message (of citizen science generated data) to a broader audience
- Taking action as active citizen

Pushing the boundaries of **empowerment** and **identity** inside and outside of the university=> impacts?

# Open questions

- The power of citizen science data: up to which point of action taking? And which form?
- Evidence (based on citizen science): roles of universities in action taking (incl. non violent civil disobedience)?
- Pushing the boundaries of **empowerment** and **identity** inside and outside of the university=> impacts?
- How far can the concept of “science with and for society” bring us in terms of real action/real change?

# Stay tuned!

- Forthcoming online workshop in late August on academic activism
- Special issue, DMS journal « **Digital activism and learning transformations** », expected Jan. 2023





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# Thank you for listening!

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