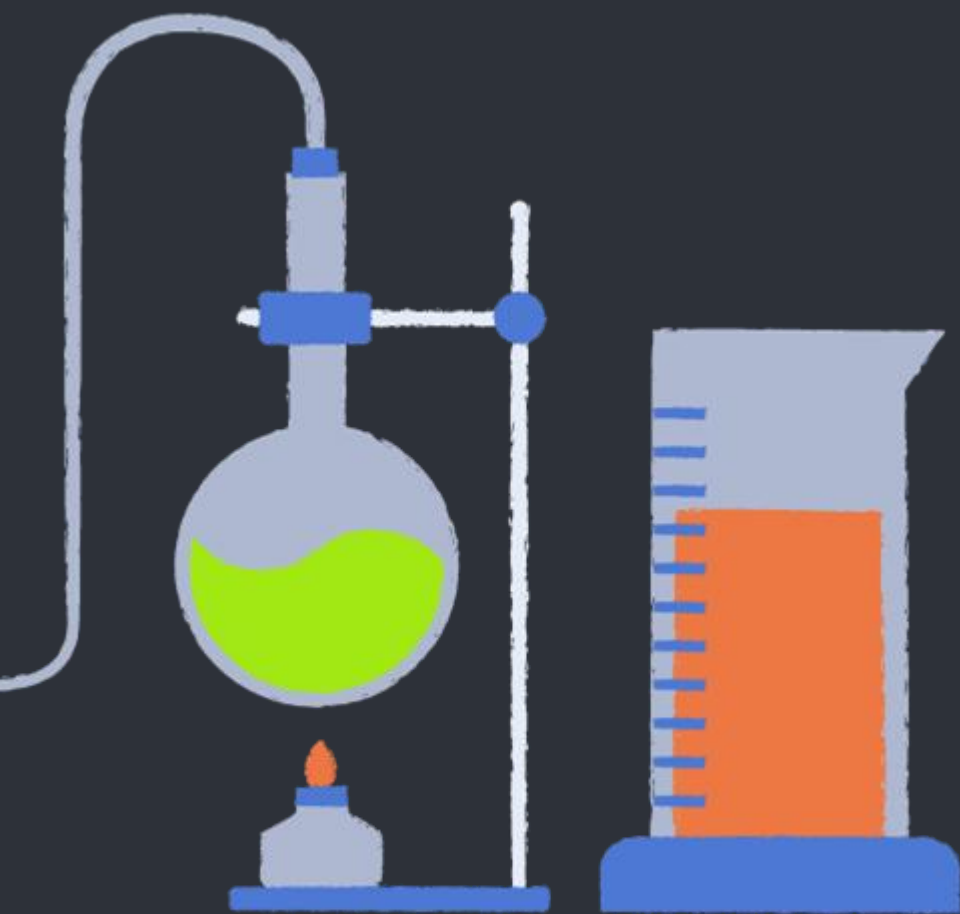


Teaching sustainability through citizen science CS &

SCHOOLS

Chiara Fedrigotti and Maria Vittoria Zucchelli
Webinar GrACE, 19th March 2026



Interactive

Let's prepare for the breaking rooms... session

Starting from selected case studies, we will aim to:



Identify key competencies and skills fostered by the projects.



Highlight challenges and barriers to consistent integration.



Explore cross-disciplinary connections and synergies.



The first project

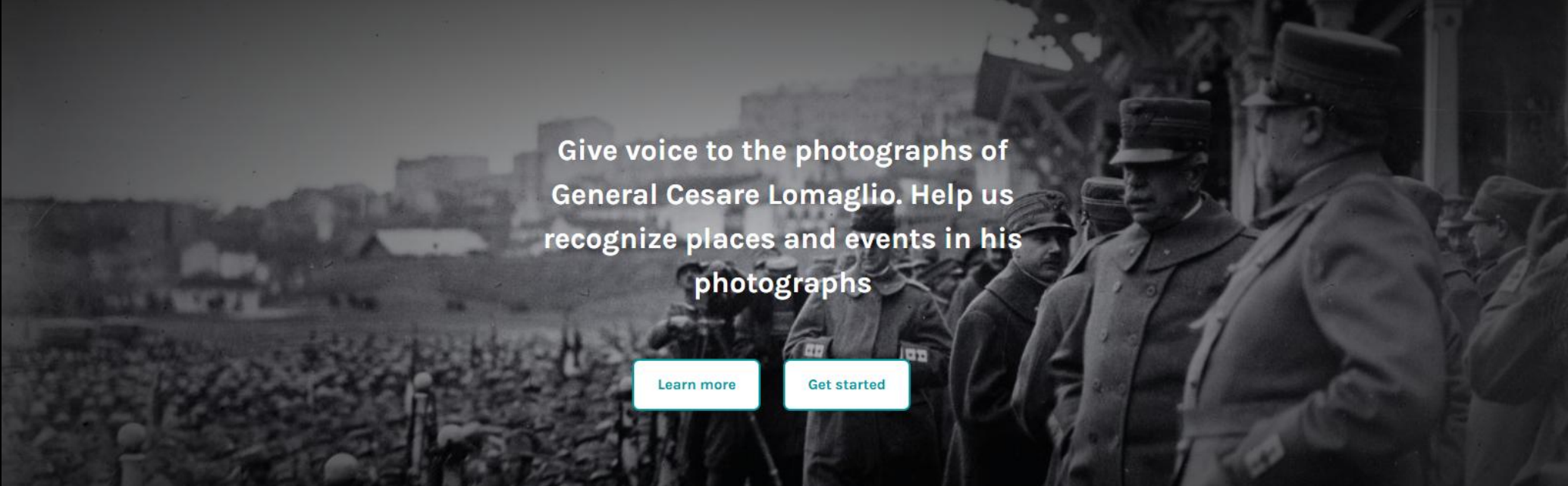
 Sovraimpressioni ✓

Language English

ABOUT CLASSIFY TALK COLLECT RECENTS

Today, 13 March, we had the opportunity to present the Sovraimpressioni project to a group of 40 city administrators from municipalities that took part in the last four editions of the Italian Capital of Culture selection process. We introduced the project and shared the first results, which generated great interest and enthusiasm. We truly hope to replicate this positive experience in future activities and collaborations. A warm thank-you to all of you – your contributions are what make this project grow!

Oggi, 13 marzo, abbiamo avuto il piacere di presentare il progetto Sovraimpressioni a un gruppo di 40 amministratori delle città candidate nelle ultime quattro edizioni della Capitale Italiana della Cultura. Abbiamo illustrato il progetto e mostrato i primi risultati, suscitando molto interesse ed entusiasmo. Speriamo davvero di poter replicare questa esperienza positiva anche nelle attività future. Un grande grazie a tutti voi – è grazie al vostro contributo se il progetto continua a crescere!



Give voice to the photographs of General Cesare Lomaglio. Help us recognize places and events in his photographs

[Learn more](#)[Get started](#)

<https://youtu.be/abYqgCRVWFs>

SOVRAIMPRESSIONI

• ASSETS

Photos from the Great War

www.zooniverse.org/projects/astorino/sovraimpressioni

Turin State Archives (ASTo) History - [Archival Studies](#) - [Photography](#) Italian / English 2026

The Lomaglio Fund

The Lomaglio Collection comprises a rich body of documents from General Lomaglio's archive, including photographs of everyday life, landscapes and family moments, as well as the general's personal diaries. A significant portion has been digitised in high resolution for

Project Objectives

-  Promoting and making accessible the photographic heritage of the Great War
-  To describe and catalogue approximately 4,000
-  Identify places, contexts and subjects depicted in the images
-  Transcribe the inscriptions on the edges of the photographic plates
-  Involving members of the public, academics and enthusiasts in historical research

How to take part

- 1 Visit the Zooniverse website and search - [Sovraimpressioni](#)
- 2 Sign up for free or log in with your account
- 3 Browse the photos and add descriptions
- 4 Join the community and chat with other volunteers

The second project



<https://www.youtube.com/watch?v=Q5uc36NKO10>

MOSQUITO ALERT

Participatory monitoring of invasive mosquitoes

Tool for research, education, surveillance, and management.



www.mosquitoalertitalia.it

The Mosquito Alert Project was launched in Spain in 2014 with the primary goal of combating and monitoring the spread and establishment of invasive mosquitoes that are dangerous to human health. Through the free Mosquito Alert App, citizens can report the presence of mosquitoes, breeding sites, and nuisances, providing valuable data to researchers to improve strategies for addressing a public health issue that is too often overlooked and unknown.



Citizen Science

Public Health

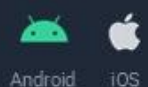
Entomology

PROJECT OBJECTIVES

- ✓ Map the distribution of invasive mosquitoes (such as the Tiger, Korean, and Japanese mosquitoes) across Italy in real time.
- ✓ Raise public awareness about the importance of preventing and eliminating standing water.
- ✓ Support scientific research by integrating citizen-collected data with data from traditional traps.
- ✓ Health management: Provide tools to help authorities optimize mosquito control interventions.

HOW TO PARTICIPATE

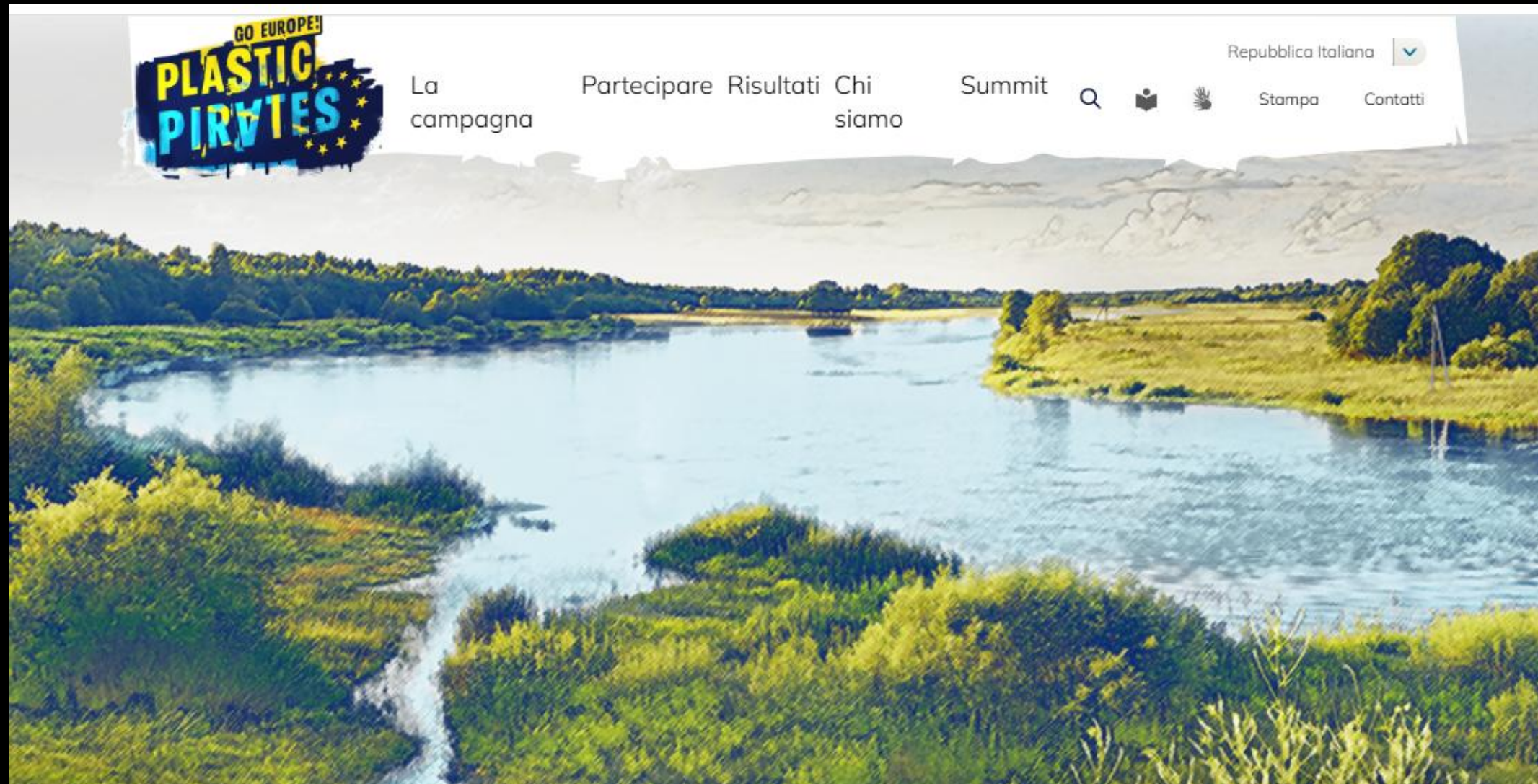
- 1 Download the free Mosquito Alert app from Google Play or the App Store.
- 2 If you see a mosquito or take a photo of one, submit a report through the app.
- 3 Also report bites or breeding sites (such as drains and plant saucers).
- 4 The data will be validated by expert entomologists and published on the public map.



Scientific Coordination
Department of Public Health and
Infectious Diseases – Sapienza
University of Rome

In collaboration with MUSE

The third project



<https://www.plastic-pirates.eu/sites/default/files/2022-09/V3-Film-Plasticpirates-en.mp4>

<https://www.youtube.com/watch?v=8lbrsdYEWGA>



Plastic Pirates – Go Europe! Since 2020, the task of the **Plastic Pirates** in 13 countries across Europe has been to collect waste along riverbanks and near bodies of water, and to upload scientific data into a database on the project platform, so that the data gradually becomes visible online on the Plastic Pirates map. The campaign aims to highlight the importance of citizen science and international collaboration in research.

Who is it for?

Young people, secondary school students, teachers and all citizens

How to Participate

1

ORDER KIT

Free online materials

2

SAMPLE

Collect data at the river

3

UPLOAD

Share the results

WHAT ARE THE MAIN OBJECTIVES?

- to gain and improve scientific knowledge and raise environmental awareness
- to proactively engage and empower especially young European citizens to act
- to increase the scientific and ocean literacy of the participants
- to gather, analyse and share research data on the origins and pathways of plastic pollution from and in European rivers, oceans and seas
- to help to develop systematic solutions for the prevention, reduction, and removal of marine and riverine pollution, particularly plastics
- to test, replicate, and refine best-practice models for linking excellent science and citizen engagement



Thank you!

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