

ECSA General Assembly 2015
28.-30. October, Barcelona, Spain

Barcelona Citizen Science Safari, 28. October

- 12:30-13:20 Meeting point: Disseny Hub, Lobby**
There will be a Wi-Fi area at the Lobby where participants can download all required digital content at their mobile. Participants will receive lunch bag. Participants can have additional material such as flyers from the projects.
In case of any emergency or if any participant gets lost call: +34 619 757 85 (Josep Perelló)
- 13:25-13:30 Welcome and presentation of the Safari**
- 13:30-13:40 CITI-SENSE: Air quality sensing few volunteers during the Safari - Center for Research in Environmental Epidemiology (CREAL)**
Air quality and climate change, environmental quality of public spaces in cities are areas that engage most citizens and other stakeholders. CITI-SENSE will develop “citizens’ observatories” to empower citizens to contribute to and participate in environmental governance. CITI-SENSE will develop, test, demonstrate and validate a community-based environmental monitoring and information system. CITI-SENSE is a Collaborative Project partly funded by the EU FP7-ENV-2012 under grant agreement no 308524.
- 13:40-14:00 Public transport to “Parc de la Ciutadella” [Metro L1 (red) - Direction: Hospital de Bellvitge] From Station “Glòries” (next to Disseny Hub Building) to Station “Arc de Triomf”**
- 14:00 Arrival at Parc de la Ciutadella (entrance: Passeig Lluís Companys, next to Castell dels Tres Dragons)**
- 14:00 – 15:35** Short introduction to the groups presenting at this spot; participants will have to choose 3 of the 4 projects proposed and sessions will last 30 minutes.
AtrapaelTigre: Enlisting citizen-scientists in the war on tiger mosquitoes. A mobile-phone-based early warning system and surveillance tool - Movelab, Centre d’Estudis Avançats de Blanes (CEAB-CSIC) and Agència de Salut Pública de Barcelona (BCN Public Health Agency)
AtrapaelTigre.com (“hunting the tiger”) is a citizen system for studying, tracking, and monitoring the spread of the Asian tiger mosquito (*Aedes albopictus*) in Spain, an invasive species and vector of diseases (e.g. dengue, chikungunya). Data collection focuses on spotting adult tiger mosquitoes or their breeding sites. In Barcelona, the Barcelona Public Health Agency is in charge of the surveillance and control of this species. This Agency is using data from citizen scientists in AtrapaelTigre.com to complement the available information for the management of the species in the city.

BioBlitzBcn: Identifying species in the Barcelona urban area - Museu de Ciències Naturals

A BioBlitz is an exhaustive search of species in a given area, typically in urban parks, where with the help of students from schools, volunteer groups and other participants, assessed by biologists, in a scientific race against time. BioBlitz initiatives emerged from the need to inventory and monitor to study biodiversity that require much fieldwork and participation of many people. Barcelona organizes a BioBlitz annually since 2010 where 2,083 people participated with over 1,500 identified species.

bpath, tracking human mobility - ComplexLabBarcelona and OpenSystems, Universitat de Barcelona

bpath is a framework to study human mobility via mobile phones. According to specific contexts, a mobile APP is activated to track participants when asked to perform several tasks. It offers an automated analysis of the type of mobility done and proposes mathematical models to explain the observed phenomena. *bpath* is carried out with the direct, voluntary and conscious participation and focuses on engaging participants as well as raising awareness on data collection and privacy in the BigData era we live in.

CitizenSqKm, Urban Flora and Allergies - Information Point of Aerobiology (PIA), Universitat Autònoma de Barcelona and CitizenSqKm project

Mapping, photographing and describing allergy-causing plants in a collaborative educational and scientific initiative. CitizenSqKm's map is populated under the direction of experts from the Information Point Aerobiology (PIA) UAB.

Urban Bees: (big) data for cities monitoring and social innovation - OpenSystems, Universitat de Barcelona

[5 min presentation, altogether] The bee's sensitiveness for the smallest environmental changes, their ability to produce a variety of valuable products, the complexity of the colonies' organisation, reminding of the organisation of human society, has invited us to think about, reflect upon and develop research on bees in a different way. "OpenBeeResearch" aims at uniting scientific experts, artists, and different actors from civil society in collective works, creative activities and research where bees and beehives are the main characters and the city is the scenario.

15:35 – 16:05 **Walking promenade to the seafront**

16:05 **Arrival to Passeig Marítim de la Barceloneta, 37-49**

16:05 – 17:10 Short introduction to the groups presenting at this spot; participants will have to choose 2 of the 3 projects presented and sessions will last 30 minutes.

CITCLOPS-TRANDICAM: A system to monitor the coast and ocean water transparency - Institute de Ciències del Mar (ICM-CSIC)

The CITCLOPS project monitors the coast and ocean using optic-based observatories. The project has developed systems for collecting observations on the colour, transparency and fluorescence. One of the systems developed for water transparency, named TRANDICAM, is based on underwater pictures. Since we cannot enjoy the experience to take underwater pictures, we will invite all of you to use our funny (FaceInHole) "Citclops-Trandicam-Simulator" in which we have recreated an underwater scenario. You can take your own pictures with your smart-phones to see how the system works!

Saca La Lengua, "Stick out your tongue" - Centre for Genomic Regulation (CRG)

The project aims to study the mouth's microbiome and its possible relationship with our environmental characteristics and lifestyle.. We met about 2500 students, making them aware of the world of research and that of microbiome research in particular. In the last phase, we are releasing all data of the project; we are asking for help from schools, universities and the general public to analyse these data through a contest. This project is an initiative of the CRG and the "la Caixa" Foundation, with the participation of CREAL, the support of the 'Centre d'Excel·lència Severo Ochoa.

SeaWatchers, Observadors del Mar - Institute of Marine Sciences (ICM)

Seawatchers platform involves citizens in the marine research related to changes in biodiversity, the arrival of invasive alien species, the effects of global warming and pollution to investigate together the current state of the oceans.

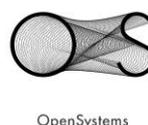
CITI-SENSE - Center for Research in Environmental Epidemiology (CREAL).

[5 minutes presentation, altogether, see description in first page] Brief discussion about the results CITI-SENSE has obtained during the Safari.

17:20 – 17:45 **Way back to Disseny Hub.**

[Take tram (any line) at Station "Ciutadella-Vila Olímpica" and stop at Station "Glòries", next to Disseny Hub]

ECSA General Assembly Organizers, Supporters and ECSA Local Members



Barcelona Citizen Science Safari Map

