



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

Agenda

Wednesday 28.10.2015

10:30 – 12:30 Organizers and volunteers meeting (Disseny Hub, Floor -2)

12:30 – 13:30 Registration of Participants open (Disseny Hub, Lobby)

Pick up of Picnic bags with lunch (Disseny Hub, Lobby, Bar)

Please note that registration will be closed during the CS Safari session and re-open before the Public Roundtable Discussion.

13:30 – 17:30 Barcelona Citizen Science Safari to local CS projects with hands-on activities, in several groups using public transport (**starts at Disseny Hub, Lobby**). Participating projects: AtrapaelTigre, Saca La Lengua, BioBlitzBcn, CITI-SENSE, CITCLOPS-TRANDICAM, SeaWatchers Platform, CitizenSqKm - Urban Flora and Allergies, Bee-Path, Urban Bees

17:30 – 18:00 Registration of Participants open (Disseny Hub, Lobby)

18:00 – 19:45 Public Roundtable Discussion “What is your biggest challenge in Citizen Science for the coming years?” with presentation of Barcelona Citizen Science Office of the Barcelona Lab (**Disseny Hub, Top Floor, Auditorium**).

Moderator: **Dr. Josep Perelló**, University of Barcelona, ECSA member & GA host

Dr. Katrin Vohland, MfN Berlin, ECSA Vice Chair

Prof. Muki Haklay, UCL, ECSA member, CSA Board Member

Prof. Darlene Cavalier, ASU, SciStarter, CSA Board Member

Libby Hepburn, ACSA Board Member

20:00 – 21:00 Snack (Disseny Hub, Lobby, Bar)

21:00 – 22:00 ECSA Steering Committee Meeting at a Barcelona Restaurant

Thursday 29.10.2015

08:30 – 09:00 Registration of Participants open (Disseny Hub, Floor -2)

09:00 – 09:10 Welcome of participants – Josep Perelló, GA host, Katrin Vohland, ECSA Vice Chair (Disseny Hub, Floor -2, Room B+C)

09:10 – 09:25 Keynote – Libby Hepburn, Australian Citizen Science Association (Disseny Hub, Floor -2, Room B+C)

09:30 – 10:30 Citizen Science Project Fair (Disseny Hub, Floor -2) with posters, materials, live demos and short presentations by ECSA members and ENVIP’ 2015 workshop participants.

Poster and Material Exhibition (Room Taller A)

Short Talks (Room B+C; Sala de Juntas)

Coffee

10:30 – 11:10	Lightning Talks (Disseny Hub, Floor -2, Room B+C) 5-minute talks that highlight new developments in CS. Sven Schade, JRC: Citizen Science data – where does it go? Daniel Wyler, Uni Zurich: Citizen Science at Universities Josep Perelló, University of Barcelona: How to collaborate with a city & the idea of Pop-Up Experiments – sharing experiences from Barcelona Fermin Serrano Sanz, Fundacion Ibercivis: Art, creativity and Citizen Science Daniel Garcia, Fundacion la Caixa: How RRI can foster Citizen Science? Muki Haklay, UCL: Citizen Science at the Eye on Earth Summit Anne Bowser & Elizabeth Tyson, Wilson Center: CS Metadata Standardization & Policy Initiatives in the US
11:15 – 12:40	Workshops of ECSA Working Groups (Disseny Hub, Floor -2) Sharing Best Practices and Building Capacity in Citizen Science (Taller A) Data, Tools and Technology + with ENVIP'2015 projects (Room C) Policy, Strategy and Partnerships (Room B) Fundraising and Marketing (Meeting Room A) Communication and International Conference (Sala de Junttes)
12:40 – 13:40	<i>Lunch Break with short talks on ENVIP' 2015 papers (Disseny Hub, Floor -2 + outside terrace).</i>
13:40 – 14:00	<i>Transfer to NAT by tram</i>
14:00 – 17:30	Formal Part of ECSA General Assembly (NAT, Sala d'Actes) <ul style="list-style-type: none"> • Welcome by Anna Omedes, Museu de Ciències Naturals de Barcelona, Director • Opening of General Assembly & news from ECSA, Vice Chair Dr. Katrin Vohland • Receipt of the annual report 2014 and discharge of Executive Board • Report on activities during 2015 • Presentation of ECSA Work Plan for coming fiscal year • Approval of budget for 2015 and 2016 • Determination of membership fees for coming fiscal year • Reports of ECSA Working Groups, including: <ul style="list-style-type: none"> Lucy Robinson, NHM London: 10 Principles of CS Susanne Hecker, iDiv: International CS Conference 2016 Florian Heigl & Daniel Dörler, BOKU Vienna: ECSA's social media activity Marisa Ponti, Uni Gothenburg: ECSA's Funding Mechanism Martin Brocklehurst, KempleyGreen: ECSA Policy Committee - Making an impact Jaume Piera, ICM: Data, Tools and Technology • Suggestions and adoption of new ECSA Working Groups, election of chairs • Election of Advisory Board Members • International Cooperation: <ul style="list-style-type: none"> Darlene Cavalier, CSA: Developments at CSA • Discussion of ECSA key documents – (1) ECSA Strategy, (2) Rules of Procedure, (3a) Funding Strategy, (3b) Terms of Engagement in Funding Bids, (3c) List of Sample Activities for Funding Bids, (4) Membership Benefits, (5) Communication Strategy, (6) MoUs • Miscellaneous
17:30	Wrap up and Closing
17:35	End of the Meeting
17:45	Guided visit to the NAT museum by Dacha Atienza and Anna Omedes until 7pm

Friday, 30.10.2015

10:00 – 13:30 Workshop on Citizen Science Data and Service Infrastructure at ICM

This workshop seeks to continue discussions started at the workshop of the ECSA WG on “Data, Tools and technology” on Thursday. It aims at elaborating a common understanding on the services and technologies we would like to make available to the Citizen Science Community. The final goal is to define a conceptual model in which we could integrate all these services and technologies in an interoperable way. Members of the ECSA WG, ENVIP’2015 and the CSA working group on CS project metadata standardization will be present.

Contact

Host and coordination of Barcelona team, Prof. Josep Perelló (josep.perello@ub.edu)

Workshop on Citizen Science Data Infrastructure, Dr. Jaume Piera (jpiera@icm.csic.es)

ECSA Vice Chair, Dr. Katrin Vohland (katrin.vohland@mfn-berlin.de)

ECSA Headquarters, Claudia Göbel (claudia.goebel@mfn-berlin.de)

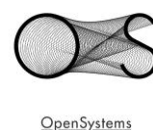
Acknowledgements

We are grateful to our hosts Josep Perelló from OpenSystems of the Universitat de Barcelona, Barcelona Citizen Science Office of the Barcelona Lab, and the Institut de Cultura de Barcelona de l’Ajuntament de Barcelona (Culture Institute of Barcelona, Barcelona City Council) for giving support to the General Assembly organization and to ECSA.

We also thank Dacha Atienza and the Museu de Ciències Naturals as well as Jaume Piera and the Institute of Marine Science (ICM-CSIC) for supporting essential parts of the programme.

Finally, we thank our local ECSA members: 1000001 Labs, Centre for Advanced Studies of Blanes of the Spanish National Research Council and Centre for Ecological Research and Forestry Applications.

General Assembly Organizers, Supporters and ECSA Local Members



Logistics

The ECSA General Assembly is going to take place at three central **venues** in Barcelona:

Wednesday & Thursday morning

Disseny Hub, Museu del Disseny de Barcelona

www.museudeldisseny.cat

Plaça de les Glòries Catalanes, 37

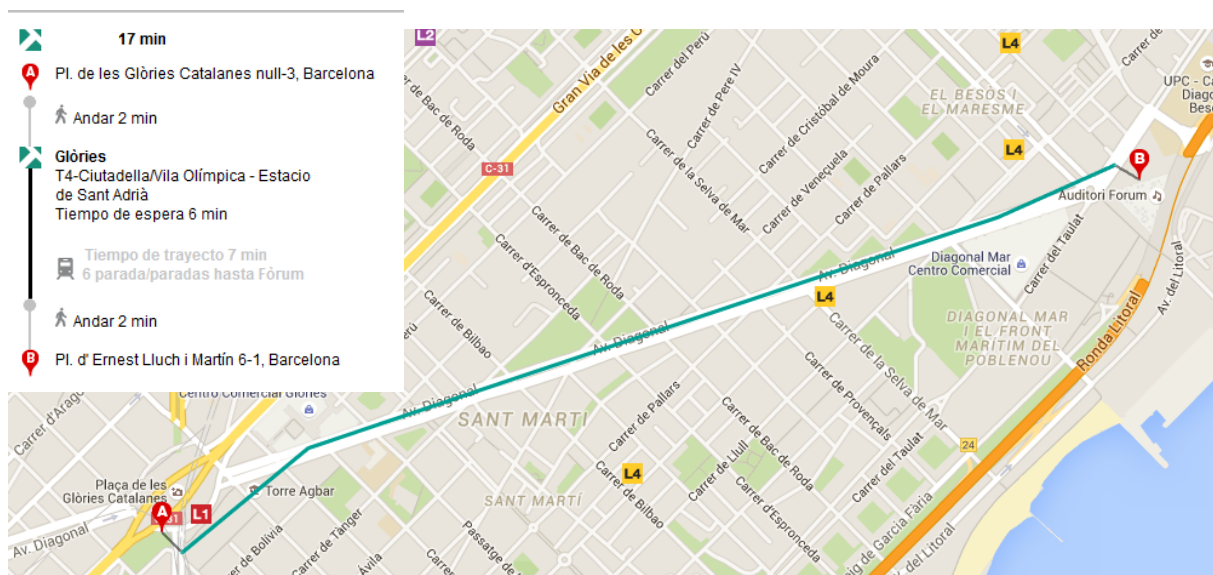
Thursday afternoon

NAT, Museu de Ciències Naturals

museuciencies.cat

Parc del Forum, Plaça de Leonardo da Vinci, 4-5

➤ How to get from Disseny Hub (A) to NAT (B) – Thursday afternoon ([Link](#))



Friday

ICM, Institute of Marine Sciences

www.icm.csic.es

Passeig Marítim de la Barceloneta, 37-49

[Google Maps Link](#)





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.

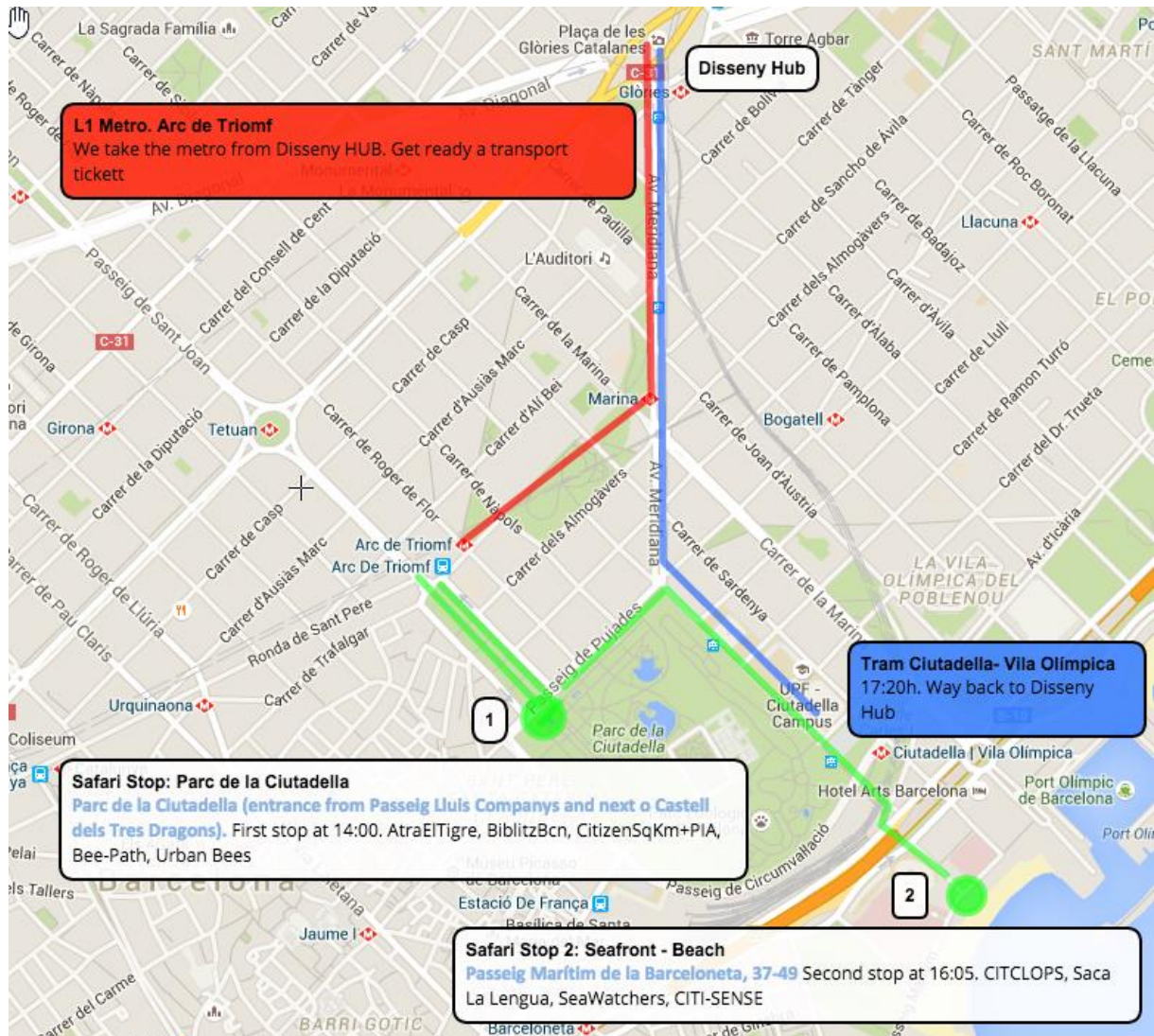
17:20 – 17:45 **Way back to Disseny Hub.**

[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





ECSA General Assembly 2015, Barcelona
CS Project Fair, Thursday 09:30-10:30

Poster and Material Exhibition (Room Taller A)

Alexander Steblin, Raul Bardagi, Luigi Ceccaroni, Jaume Piera, EURECAT, 1M1L ICM CSIC: Citclops - Musical Tentacle

Alexandra Albert, University of Manchester

CITI-SENSE, Thomas Cole-Hunter et.al. CREAL, Arne J. Berre, SINTEF

Daniel Dörler, BOKU University Vienna: Roadkillproject

Darlene Cavalier, SciStarter & CSA

Emmanouela Panteri, HCMR

Florian Heigl, BOKU University Vienna: citizen-science.at platform

Frederic Bartumeus, John Palmer and Aitana Oltra, CEAB-CSIC & CREA-UAB: AtrapaelTigre

Gregoire Lois, MNHN Paris: birdlab - using smartphones for large scale ethology

Helen Pritchard, Goldsmiths, University of London: Citizen Sense

Ian McCallum, IIASA: Engaging Citizens in Environmental Monitoring via Gaming

Isabelle Bonhoure, Universitat de Barcelona: Citizen Science Office of the Barcelona Lab

Jamie Williams, Environment Systems Ltd.: COBWEB

Janice Ansine, The Open University

Juliá Vicens, Jordi Duch, Isabelle Bonhoure, Mario Gutiérrez-Roig and Josep Perelló, Universitat Rovira i Virgili and Universitat de Barcelona: Hack your Brain!

Katrin Vohland, Museum für Naturkunde Berlin: GEWISS, German Citizen Science Platform

Lotta Tomasson, Vetenskap & Allmänhet (Public and Science)

Luigi Ceccaroni, 1000001 Labs: Citclops Data Explorer

Mara Balestrini, Intel ICRI Cities: From Participatory Sensing to Making Sense

Oleguer Sagarra, Pol Colomer-Simón, Mario Gutiérrez-Roig, Albert Díaz-Guilera and Josep Perelló, Universitat de Barcelona: bpath

Patricia Tiago, BioDiversity4All: BioDiversity4All - a Portuguese citizen science project

Poppy Lakeman Fraser, Open Air Laboratories, Imperial College London

Roeland Samson, University of Antwerp

Suvodeep Mazumdar, University of Sheffield: We-Sense-It

Vitor Almeida: Citizens observations with sensors and mobile Apps



ECSA General Assembly 2015, Barcelona

CS Project Fair, Thursday 09:30-10:30

Short Talks (Room B+C)

- 09:45 **Alessandro Campanaro**, LIFE Project MIPP
- 09:50 **Antonio Valdecasas**, Museo Nacional de Ciencias Naturales Madrid
- 10:00 **Isabelle Bonhoure**, Universitat de Barcelona: Citizen Science - Research and Education. A project supported by RecerCaixa
- 10:05 **Julià Vicens**, Universitat Rovira i Virgili: Hack your Brain!
- 10:10 **Patricia Tiago**, BioDiversity4All: BioDiversity4All - a Portuguese citizen science project

Short Talks (Sala de Juntas)

- 09:45 **Alessandro Oggioni**, LTER-Italy: Citizens Science and data management experiences
- 09:50 **Darlene Cavalier**, SciStarter & CSA
- 09:55 **Gregoire Lois**, NMNH Paris: birdlab -using smartphones for large scale ethology
- 10:00 **Janice Ansine**, The Open University
- 10:05 **Albert Díaz-Guilera & Oleguer Sagarra**, Universitat de Barcelona: bpath results from the Barcelona Citizen Science Safari
- 10:10 **Roeland Samson**, University of Antwerp



ECSA General Assembly 2015, Barcelona
Workshops of ECSA Working Groups, Thursday 11:15-12:40

Sharing Best Practices and Building Capacity in CS (Taller A) - facilitated by Lucy Robinson

The workshop will review the Ten Principles for Citizen Science and the current best practice guides collated. Based on these we will identify gaps in best practice guides, and discuss future priorities for the ECSA Working Group on Sharing Best Practices and Building Capacity in Citizen Science.

Data, Tools and Technology + with ENVIP'2015 projects (Room C) - facilitated by Jaume Piera

The workshop aims at formalizing a common understanding of interests in the Citizen Science data space and identifying core issues to be addressed through a joint Roadmap (which will be developed in the Friday workshop). We will have focused discussions on problems that Citizen Science projects face regarding data: (1) Interoperability, (2) Data reliability, (3) Privacy, (4) IPR, and brainstorm solutions regarding the integration of existing initiatives.

Policy, Strategy and Partnerships (Room B) - facilitated by Martin Brocklehurst

The workshop has three objectives: (1) Look at policy initiatives to promote Citizen Science in the US and seek to apply lesson learnt with the European Union through a briefing by Elizabeth Tyson and a discussion (see articles in [Wired](#) and [Huffington Post](#)); (2) Discuss future priorities for the ECSA Policy Working Group, such as: a CS toolkit for policy-makers; a seminar for MEPs; a proposal for each DG to have a Citizen Science contact; and the idea of an EU Citizen Science Platform to provide high-level guidance to the EC, local, regional and national authorities, and private actors; (3) Finalize policy position statements concerning: EU Directives and how they should be drafted or amended to support Citizen Science; and ECSA Position Paper on the Societize White Paper on Citizen Science.

Fundraising and Marketing (Meeting Room A) - facilitated by Marisa Ponti

The workshop will discuss opportunities for funding ECSA activities. Specifically, the workshop focuses on identifying possible funding opportunities within the EU funding programme for research and innovation, such as Horizon 2020. ECSA members who are interested in this topic are encouraged to bring in ideas and point out to forthcoming calls. Especially interesting are the EU funding opportunities for Digital Agenda-related topics and projects. ECSA members and other participants in the assembly who are going to ICT 2015 Innovate, Connect, Transform in Lisbon are very welcome to share with us ideas from this event. During the workshop, we will also discuss the current [ECSA terms of engagement in project proposals](#).

Communication and International Conference (Sala de Juntas) - Dacha Atienza and Susanne Hecker

The workshop will combine two parts: (1) ECSA Communication. In this first part, we will discuss activities to be implemented in the coming year and for the [ECSA Working Programme](#), ranging from implementing ECSA communication to exchange of experiences on science communication for Citizen Science. (2) Planning the international Citizen Science conference 2016, Berlin. This second part of the workshop covers information on the ECSA conference 2016 including on funding and sponsoring opportunities as well as the programme and closes with an interactive session on specific questions and opportunities to get involved in the conference organization.



ECSA General Assembly 2015, Barcelona
Lunchbreak, Thursday 12:40-13:40

Presentations of ENVIP' 2015 Workshop Participants (Speakers' Corner outside terrace)

- 12:45 **"Harnessing location-based services for effective Citizen Observatories"**
Suvodeep Mazumdar, Stuart N. Wrigley, N. Ireson, F. Ciravegna (from the We-Sense-It project)
- 12:50 **"Citizen OBservatory WEB (COBWEB): A Generic Infrastructure Platform to Facilitate the Collection of Citizen Science data for Environmental Monitoring"**
Christopher I. Higgins, Jamie Williams, Didier G. Leibovici, Ingo Simonis, Mason J. Davis, Conor Muldoon, Michael O'Grady
- 12:55 **"Citclops Data Explorer: exploring water quality in the Wadden Sea"**
Luigi Ceccaroni, Filip Velickovski, Meinte Blaas, Marcel R. Wernand, Anouk Blauw and Laia Subirats
- 13:00 **"mO4Rivers Web Mobile App - Getting river Status data from Citizens"**
Vitor Almeida, Nuno Charneca, Yoram Rubin, Joaquim Pinto, Manuela Oliveira
- 13:05 **"'Just Good Enough' Data: Recasting Evidence through Citizen-Based Air Pollution Monitoring"**
Jennifer Gabrys and Helen Pritchard, Citizen Sense
- 13:10 **"From Participatory Sensing to Making Sense"**
Mara Balestrini, Tomas Diez, Frank Kresin
- 13:15 **"Engaging Citizens in Environmental Monitoring via Gaming"**
Ian McCallum, Linda See, Tobias Sturn, Carl Salk, Christoph Perger, Martina Duerauer, Mathias Karner, Inian Moorthy, Dahlia Domian, Dmitry Schepaschenko, Steffen Fritz

Papers for ENVIP'2015 - including 3 papers for the Friday workshop – will be available for the ECSA participants as an electronic draft CEUR proceeding.



Workshop: Citizen Science - Data and Service Infrastructure

ECSA Data Tools and Technology Working Group ENVIP'2015

Institut de Ciències del Mar (Barcelona). Friday 30 October 10:00 to 13:30

Aims of the Workshop

- Formalizing a common understanding of interests in the Citizen Science data space
- Explaining problems that Citizen Science projects face regarding data
 - Interoperability
 - Data reliability, e.g. how Citizen Science data can be trusted and plugged into environmental regulation and monitoring requirements from governments
 - Privacy
 - Intellectual Property rights
- Brainstorming solutions regarding integration of existing initiatives
- Clarify and agree on strategies and relationships between ECSA and among other Citizen Science Associations (CSA, ACSA)

Outputs from the Workshop

- Roadmap of next steps with deadlines and people committed to deliver as well as long-term goals
- Questionnaire for Citizen Science projects to respond to on the contents of the Roadmap
- List of issues to address together, including interoperability challenges to tackle with people interested to work on each. Examples:
 - Sensor Web Enablement for Citizen Science
 - Data Quality assurance methods
 - Social Networking Services
 - Methods to ensure data privacy
- Draft of a conceptual model that characterizes and standardizes the communication and processing functions of Citizen Science Observatories/Systems without regard of their underlying internal structure and technology
- Identify sources of funding (or consider a programmatic approach, with projects to realize parts)

Agenda

10:00-10:10	Welcome
10:10-10:30	Summary of the conclusions from the Working Group session (Thursday)
10:30-11:00	Lightning Talks <ul style="list-style-type: none">- Citizen Observatories: examples of architectures and platforms, including CITI-SENSE. Arne J. Berre- Data interpretation and knowledge-based systems integration. Alexander Steblin- SWE Sensor Web profile for Citizens Science. Ingo Simonis
11:00-11:30	Coffee Break
11:30-13:15	Discussion in plenary and in groups to extend the results from the Thursday workshop and elaborate a Roadmap
13:15-13:30	Wrap up and Closing



ECSA General Assembly 2015, Barcelona

List of Participants

Aina	Pascual	Individual
Aitana	Oltra	CEAB-CSIC
Albert	DIAZ GUILERA	Universitat de Barcelona
Albert	Sanchez	ICM-CSIC
Alessandro	Oggioni	LTER-Italy
Alessandro	Campanaro	LIFE Project MIPP
Alex	Mas	in cognita comunicació científica
Alexandra	Albert	University of Manchester
Andrea	Sforzi	Museo di Storia Naturale della Maremma
Anne	Bowser	Woodrow Wilson International Center for Scholars
Annick	Labeeuw	Centre for Genomic Regulation - CRG
Antonio G	Valdecasas	Museo Nacional de Ciencias Naturales, CSIC, Madrid
Arne	Berre	Sintef
Aurora	Requena	Plàncton, Divulgació i Serveis Marins
Bente	Bye	BLB
Bernat	Claramunt	CREAF
Björn	Huwe	Individual
Carine	Simon	Marine Science Institute
Carlos	Rodriguez	EBD-CSIC
Carole	Paleco	Royal Belgian Institute of Natural Sciences
Cindy	Regalado	UCL Extreme Citizen Science research & Public Laboratory for Open Technology and Science
Claudia	Göbel	Museum für Naturkunde Berlin
Concepción	De Linares	Universitat Autònoma de Barcelona
Conor	Smyth	University of Edinburgh
Dacha	Atienza	Natural Sciences Museum of Barcelona
Daniel	García	La Caixa Foundation
Daniel	Dörler	BOKU Vienna
Daniel	Wyler	University Zurich
Darlene	Cavalier	Arizona State University & SciStarter
Dimosthenis	Karatzas	Computer Vision Centre
Elena	Guerrero	ICM-CSIC
Eleonora	de Sabata	MedSharks
Eli	Bonfill Molina	Plàncton, Divulgació i Serveis Marins
Elizabeth	Tyson	Woodrow Wilson International Center for Scholars
Emmanouela	Panteri	Hellenic Centre of Marine Research
Fermin	Serrano Sanz	Ibercivis Foundation



Florian	Heigl	BOKU Vienna
Franco	Mason	LIFE Project MIPP
Frederic	Bartumeus	Centre for Advanced Studies of Blanes (CEAB-CSIC) and CREAM
Geoffrey	Haines-Stiles	PASSPORT TO KNOWLEDGE (science documentaries)
Gregoire	LOIS	Museum National d'Histoire Naturelle - Vigie-Nature
Helen	Pritchard	Citizen Sense, Goldsmiths, University of London
Helena	RUIZ FABRA	Individual
Ian	McCallum	IIASA
Ingo	Simonis	OGC
Irene	Eleta	Centre for Research in Environmental Epidemiology (CREAL)
Isabelle	Bonhoure	OpenSystems, Universitat de Barcelona
Jamie	Williams	Environment Systems Ltd.
Jane	Delany	Newcastle University
Janice	Ansine	The Open University
Janire	Salazar	Individual
Jaume	Piera	ICM-CSIC
Joan	Garriga	CEAB-CSIC
John	Palmer	Movement Ecology Lab (CEAB-CSIC & CREAM-UAB)
Jordi	Duch	Universitat Rovira i Virgili
Jordi	Salat	ICM-CSIC
Jordina	Belmonte	Universitat Autònoma de Barcelona
Jorge	Garcia-Vidal	Universitat Politècnica de Catalunya
Josep	Perelló	OpenSystems, Universitat de Barcelona
Juan Luis	Ruiz Valderrama	Spanish Research Council (CSIC)
Julià	Vicens	Universitat Rovira i Virgili
Katrin	Vohland	Museum für Naturkunde Berlin
Kenneth	Pitarch	Centre d'Estudis Demogràfics
Lara	Redolfi De Zan	Life Project MIPP
Leonardo	Santiago	Affiliation not provided
Libby	Hepburn	Australian Citizen Science Association
Livia	Bellisarei	Affiliation not provided
Lotta	Tomasson	Vetenskap & Allmänhet, VA (Public & Science)
Lucia	Malfent	Ludwig Boltzmann Gesellschaft
Lucy	Robinson	Natural History Museum London
Luigi	Ceccaroni	1000001 Labs
Luis	LEMOS	Desafio das Letras (SME)
Macarena	Marambio	ICM-CSIC
Mara	Balestrini	Intel ICRI Cities
Marc	Lipinski	CNRS
Marisa	Ponti	University of Gothenburg
Martin	Brocklehurst	Individual
Martina	Perris	Affiliation not provided

Michela	Candotti	IRB Barcelona
Muki	Haklay	UCL
Naama	Berg	Hamaarag
Nils	Valland	Norwegian Biodiversity Information Centre (NBIC)
Nuno	Charneca	LNEC, Portugal
Núria	Ferran-Ferrer	Universitat Oberta de Catalunya
Paolo	Chevalier	UAB (Barcelona) - Université Paris-Est
Patricia	Susial	Universitat de Barcelona
Patrícia	Tiago	BioDiversity4All
Petra	Benyei Peco	ICTA
Poppy	Lakeman Fraser	Imperial College London (OPAL)
Raul	Bardaji	ICM-CSIC
Richard	Rombouts	Affiliation not provided
Rob	Fryatt	Xenex Associates Ltd.
Roeland	Samson	University of Antwerp
Rosen	Bogdanov	Universitat Oberta de Catalunya
Sara	GUADILLA	Universitat Autònoma de Barcelona
Sofia	Aivalioti	Sensing and Control
Sofia	Araújo	IBMB CSIC
Stratos	Arampatzis	Tero Ltd
Susanne	Hecker	Helmholtz Centre for Environmental Research UFZ iDiv
Suvodeep	Mazumdar	University of Sheffield
Sven	Schade	European Commission - DG JRC
Tania	Martinez	Affiliation not provided
Teresa	Ferriz-Roure	Open University of Catalunya UOC
Tom	Cole-Hunter	Centre for Research in Environmental Epidemiology
Ulrike	Kastrup	focusTerra, ETH Zürich
Vanessa	Demanoff	MNHN
Veljo	Runnel	University of Tartu
Verónica	Fuentes	ICM-CSIC
Vitor	Almeida	Affiliation not provided
Wouter	Koch	Norwegian Biodiversity Information Centre
Xavier	Leal	Researcher
Zen	Makuch	Imperial College London



Want to become a member?

Apply through the ECSA Webpage:

<http://ecsa.citizen-science.net/application>

