

ecsa

European
Citizen Science
Association

CONFERENCE // 2022

Citizen science for planetary health

Berlin, 5-8 October 2022

PRELIMINARY PROGRAMME

Locations:

- Museum für Naturkunde, Invalidenstr. 43
- Langenbeck-Virchow-Haus, Luisenstraße 58/59
- Jung&Schönn by Raumklang, Zionskirchstraße 5



MUSEUM FÜR NATURKUNDE

Dino Hall

18.30 • 22.00 Welcome words by Johannes Vogel, Susanne Hecker, Silke Voigt-Heucke, Dorte Riemenschneider

Video message by Eckart von Hirschhausen, Stiftung Gesunde Erde Gesunde Menschen

Plenary talk by Brigitte Baptiste, Universidad Ean, Colombia, to be confirmed

Welcome Reception Drinks, Food & Marketstands

hosted by Bürger schaffen Wissen, sponsored by the German Federal Ministry of Education and Research

Meetings of ECSA Working Groups, details to be announced

LANGENBECK-VIRCHOW-HAUS

	Audimax max n. of people 500	Bernhard v. Langenbeck max n. of people 90	Rudolf Virchow Room max n. of people 25	August v. Bier Room max n. of people 25
08.00 • 08.45	Registration & Coffee Foyer & Wandelhalle			
08.45 • 09.00	Words of Welcome			
09.00 • 09.30	Plenary Talk: Planetary Health Sabine Garbysch Potsdam Institute for Climate Impact Research			

09.40 • 11.10	Oral Session 1: Towards global sustainability for planetary health Martin Brockelhurst Empowering Zero-Emission Citizens – Horizon 2020 Project AURORA. Alba de Augustin Camacho Contribution of citizen science to the sustainable development of Small Island Developing States. H. Ulrich Hoppe Between Exoplanets and Planetary Health Viewing Citizen Science through the SDG Lens.	Oral Session 2: Apps and Sensors Zivko Zonta Beyond software scale-up of citizen-science apps the challenge of data reuse and fair acknowledgement of contributions. Gregoire Lois AI in Citizen Sciences can help but... Kaori Otsu Could AI replace human intelligence a systematic review on citizen science. Minh-Xuan Trung Nature through the A.I lens	Interactive Session 1: Governance of participation in Citizen Science for societal transformation <ul style="list-style-type: none"> • Maria João Maia • Valeria Arza • Patrick van Zwanenberg 	Interactive Session 2: Rethinking public services provision citizen science to support public and environmental health services <ul style="list-style-type: none"> • Anna Berti Suman • Nils Heyen • Marisa Ponti • Sven Schade
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MUSEUM FÜR NATURKUNDE

	Event Hall max n. of people 60
09.55 • 10.55	Oral Session 3: Motivation, Impact & Evaluation I James Sprinks Assessing the impact of citizen science on planetary health through governance, economy, environment, society, and science using the MICS platform. Jay Mulmi Multidisciplinary approaches to the involvement and motivation of citizen scientists in research on disease vector monitoring in Uganda and DRC. Aaron Joshua Peltoniemi,

Athanasia Orfanou
The role of sustainable waste management in the carbon footprint of pilot cities
Presenting the CO2 calculator of COMPAIR.

Claire Burnel
Circulation and public use of citizen science based environment indicators.

Pascal Peduzzi
Mapping sand mining.

How scientists shape people's experience of natural environments in algorithm-driven citizen science.

Linda See
Combining a Rapid Image Classification App with Artificial Intelligence through the Picture Pile Platform for Citizen Science.

Jan Stenkamp
Citizen-driven biodiversity monitoring with smart bird feeders.

Ohto Sabel
Learning and knowledge building in citizen science.

Liubov Tupikina
City Nature Challenge network methodology to analyze participation in citizen science activities across cities.

11.10 • 11.45

Coffee & Snacks

11.10 • 11.45

Walk'n Talk

11.45 • 13.15

Oral Session 4: Citizen Science in Education and Schools

Zacharenia Daskalaki
Children as young researchers and intergenerational ambassadors of Citizen Observatories A case study of a pedagogical use of Pl@ntnet within an environmental education project.

Tania Jenkins
Promoting scientific literacy in evolution through citizen science.

Oral Session 5: Pollinator Citizen Science

Miranda Bane
Growing pollinator citizen science across Europe.

Poppy Lakeman Fraser
Cross-pollinating ideas for planetary health.

Christina Bantle
The potential of citizens' biodiversity associations for addressing planetary health.

Susan Karleowski
Crop production success and

Interactive Session 3: Challenges, Strategies and Impacts of doing Citizen Science with Marginalised and Indigenous Communities Towards a toolkit that can be applied in all contexts.

- Dimitris Argyriou
- Petra Benyei
- Artemis Skarlatidou
- Rick Hall
- Timothy C. Woods

Interactive Session 4: Co-designing solutions for the sustainability and governance of citizen observatories

- Sonia Liñán
- Karen Soacha
- Alex Amo
- Blanca Guasch

12.00 • 13.00

Oral Session 6: Citizen Science Platforms I Global and National Hubs

Carina Veeckman
Citizen Science at Universities The Launch of a Citizen Science Contact Point at the Vrije Universiteit Brussel.

Sarita Albagli
Civis Brazilian Citizen Science Platform.

Tomas Gueta
Israel Citizen Science Center - Establishment Perspectives.

Heidi Ballard
 "I'm technically a mini scientist now"
 Environmental Science Learning by Young People across Online and Field-based Community and Citizen Science.

Maria Daskolia
 Integrating citizen science in school environmental education within the European Cos4Cloud project overall strategy and supporting actions.

Claire Murray
 SEEDS - Science by Teenagers for Teenagers.

Kamel Labibes
 Erasmus Maris A Citizen Science initiative for secondary schools.

pollinator diversity Insights from a citizen science project in urban community gardens.

Natalia Ghilardi-Lopes
 Citizen Science and pollinators of South America.

Sheina Koffler
 Engaging beekeepers in citizen science evaluation of a Brazilian initiative.

Sofia Mojica Baquero
 The creation of Citizen Science Hubs in RPFs. The UAB Citizen Science Hub pilot.

13.15 • 14.15

Lunch Break

13.15 • 14.15

Walk'n Talk

14.15 • 15.45

Oral Session 7: Monitoring the environment together from practitioners to policy makers

Gitte Kragh
 Mobilizing local communities and expedition cruise passengers in the Arctic to address issues of planetary health.

Oral Session 8: Creating knowledge together Diversity and Inclusion

Katerina Zourou
 Citizen science for environmental and health issues in conflict zones.

Interactive Session 5: Air Quality and Planetary Health

Hester Volten

Interactive Session 6: Citizen Social Science Concepts, practices and experiences from the CoAct project

- Josep Perelló
- Isabelle Bonhoure
- Valeria Arza

14.30 • 15.30

Oral Session 9: Technology and Tool Boxes

Lucy D. Robinson
 Assessing ecosystems and natural capital perspectives on an eDNA approach within the GenePools project.

Janice Ansine

Manuel Henao

Implementing citizen science in the flood early warning system of urban-mountainous catchments.

Manuela Yevenes

Citizen science as a co-creative measure to water quality Chemical data and local participation in a rural territory.

Tim Kiessling

Evaluating environmental policies with citizen science data? An example from the Plastic Pirates investigating plastic pollution of rivers.

Alma Moretta

A Citizen Science based approach for air quality monitoring as an innovative educational path for scientific school curricula.

Matrona Pappa

Citizen observatories as educational tools in school environmental education "My own private 1m2" and "Scenting around-the-walk the environmental odours' trail".

Kris Bevelander

Inclusive health research feels good!

Barbara Heinisch

Linguistic and cultural diversity for planetary health.

Ekaterina Egorova

Urban blue, place-bonding and planetary health knowledge. A citizen science project with temporarily displaced children.

Tali Tal

Co-created citizen science in school Serving the poor and the wealthy.

Hacer Tercanli

Enhancing diversity and inclusion in Citizen Science – Potential future directions.

Creating the Cos4Cloud Tool Box & Evidence Hub - a resource for citizen observatories.

Jacob Koglin, Nona Schulte-Römer

The Nightlights app – empowering young and old to create their own citizen science campaign.

Julia van Calis

Developing a sensitive chatbot for citizens experiencing challenges in accessing health care.

15.45 • 16.15

Coffee & Cake

16.15 • 17.45

**Oral Session 10:
Healthy cities resolving
Human-Nature Conflicts
through Citizen Science**

Mohammad Gharesifard

CitiMeasure - citizen science for smart and healthy European cities.

Céline Pelletier

A citizen science experiment on public lighting policies a helpful step toward a 'dark infrastructure' at a local level?

Elisa Lopes da Silva

From Lisbon to the planet environmental scales in tourism practices shaping the city.

Hiska Ubels

Participatory Action Research and Citizen Science as means for co-creation in socio-spatial urban neighbourhood renewal.

Claire Narraway

How good are gardens for wildlife? An analysis of the quality of wildlife friendly interventions in UK gardens.

**Oral Session 11:
Ethics & Policy how do we
strengthen social innovation
with Citizen Science?**

Kirsten Vegt

Measuring together, trusting each other? Disagreeing stakeholders collaborate to measure air quality in a rural area in The Netherlands.

Baptiste Bedessem

Understanding the loyalty of citizen scientists in biodiversity citizen science programs.

Jacqueline Goldin

Keep the flow what has yarnning got to do with citizen science.

Guillermina Actis, Valeria Arza

Policy perceptions about the contribution of citizen social science on policy making a case study on environmental justice.

Aletta Bonn

Citizen Science to foster social innovation Citizen Science Strategy 2030 for Germany.

**Interactive Session 7:
A Citizen Science project
which contributes in
improving the selective
municipal waste collection
system**

- Diana Reinoso

**Interactive Session 8:
Empowerment and
innovation through
co-creative youth citizen
social science - An
interactive session
organized by the H2020
YouCount project**

- Reidun Norvoll
- Deborah Crook
- Jörg Matthes
- Egle Butkeviciene
- Ingar Brattbakk
- Flora Gatti

15.45 • 16.15

Walk'n Talk

16.30 • 17.30

**Oral Session 12:
The future of our nutrition
food production and healthy
soils**

Dominique Desclaux

From national participatory plant breeding projects to European multi-actor food living-labs how to consider planetary health?

Pierre Ganault

Agroecological transition in schools for a better human and soil well-being perceptions, potentials and commitments, the SOLALE-COLE project.

Gülbanu Kaptan

Using citizen science to explore plant breeding and investigate food-chain transparency for novel breeding methods.

Chantal Gascuel-Odoux

Healthy soils for a healthy planet. State of the art and perspectives for developing citizen science on soils in France.

Nienke Beets

What's that weed on the street? – Motivation and attitude of participants in the 'Pavement plant' citizen science project.

Rachel Pateman

Co-created citizen science in low- and middle-income country cities.

17.50 • 18.00

Closing words

18.00 • tba

Individual networking

The conference organisers will provide ideas and a list of restaurants

17.50 • 18.00

19.00 • 21.00

Bring-your-own-drink-Pub-quiz @MfN-edition

LANGENBECK-VIRCHOW-HAUS

	Plenary Sessions - Audimax max n. of people 500	Bernhard v. Langenbeck max n. of people 90 (66 posters)	Rudolf Virchow Room max n. of people 25	August v. Bier Room max n. of people 25
08.00 • 08.45	Registration & Coffee Foyer & Wandelhalle			
08.45 • 09.00	Words of Welcome			
09.00 • 09.30	<p>Plenary Talk: Citizen Science in the Global South</p> <p>Peter Elias University of Lagos, Nigeria</p>			
09.40 • 11.10	<p>Oral Session 13: Human Health Patient Research, Epidemiology, & Foresight</p> <p>Liselotte Rambonnet Using passive citizen science to map the effects of COVID-19 litter on animal life.</p> <p>Josep Perelló CoAct for Mental Health.</p> <p>John R. B. Palmer Nowcasting Urban Vector Mosquitoes for Epidemiological Preparedness.</p> <p>Timo Faltus Citizen Science in Medical</p>	<p>Poster Session</p>	<p>Interactive Session 9: The wickedness of citizen science, law and planetary health grappling with trust, democracy and representation</p> <p>• Dick Kasperowski</p>	<p>Interactive Session 10: Peer-to-peer learning citizen science and botanical gardens</p> <p>• Baiba Pruse</p> <p>• Stefano Martellos</p> <p>• Giulia Mattalia</p> <p>• Nienke Beets</p> <p>• Suzanne Sharrock</p>

MUSEUM FÜR NATURKUNDE

	Event Hall max n. of people 60
09.55 • 10.55	<p>Oral Session 14: Motivation, Impact & Evaluation II</p> <p>Berj Dekramanjan Differences in the participant structure and motivation of an analog and a digital mosquito-related citizen science project.</p> <p>Alexandra Villarroel, Laure Turcati Evaluating participatory science and research beyond their diversity. An example from a citizen observatory of urban environment.</p> <p>Barbara Kieslinger Towards Principles for</p>

and Health Science Projects - Legal Questions and Medico-Ethical Contradictions due to Participation.

Ria Wolkorte

Citizen science for health in action gaining insight in fatigue for people with rheumatoid arthritis.

Laura Peters

Building community-based early warning and response systems for climate change and health in Kenya.

11.10 • 11.45

Coffee & Snacks

11.45 • 13.15

Oral Session 15: Biodiversity Monitoring for Planetary Health

Michael Pocock

Precision citizen science developing adaptive sampling through co-design for biodiversity monitoring.

Natalia Ghilardi-Lopes

The Citizen Science Program at the Atlantic Forest National Institute Brazil results from 2019-2021.

Emu-Felicita

Ostermann-Miyashita

Opportunities and challenges

Poster Session

Interactive Session 11: How to measure engagement and behavioral change in a citizen science project?

• Pavel Kogut

• Núria Castell

Interactive Session 12: A hands-on workshop on plant conservation through storytelling and citizen science

• Andrea Isabel Troncoso Quilaqueo

Co-evaluation in Citizen Science based on Experiences in Human and Environmental Health Research.

Margarita Angelidou

Monitoring and evaluating the impact of university-led citizen science at institutional, urban, regional, and global level.

11.10 • 11.45

Walk'n Talk

12.00 • 13.00

Oral Session 16: Citizen Science Platforms II Thematic Initiatives

Stefan Herlé

OpenGeoResearch – A citizen science platform to collect geospatial research questions for planetary health.

Daniel Mietchen

Interactions between citizen science and the ecosystem around Wikipedia.

Elisabeth Heyne

Collecting the Anthropocene Together Developing a

of citizen science for monitoring a recolonizing megaherbivore.

Benoit Fontaine

Citizen science to mitigate the biodiversity crisis lessons from Vigie-Nature, a long-term, large-audience biodiversity monitoring schemes network.

Daniel Dörler

Seven years of Project Roadkill A multi-stakeholder-approach to improve amphibian conservation in Austria.

Céline Liret

'Objectif Plancton', a citizen science programme dedicated to coastal plankton.

Participatory, Digital and Experimental Platform on Environmental Transformations.

Katharina Kloppenborg

Personal Science Wiki.

13.15 • 14.15

Lunch Break

13.15 • 14.15

Walk'n Talk

14.15 • 15.45

Oral Session 17: Ways to preserve healthy oceans and fresh water

Joaquim Garrabou

Observadores del Mar - A Marine Citizen Science Platform working for a healthy Ocean.

Sabrina Kirschke

Poster Session

Interactive Session 13: How to plan for impact? Using logic modelling to orient participatory research on planetary health towards societal impact

• **Mathieu Mahve-Beydokhti**

Interactive Session 14: How can we build trust in citizen science data to inform policy decisions and action?

• **Dilek Fraisl**

14.30 • 15.30

Oral Session 18: Communication, Coordination & Storytelling

Mathias Becker

Facilitating Citizen Participation in Scientific Agenda Setting through Participatory Storytelling and Multi-Perspective Visualization.

Groundwater monitoring through citizen science – A review of project designs and results.

Ana Ilse Benavides Lahnstein

Science learning through marine community science in the Yucatan Peninsula.

Alina Luna

Citizen Science as a key tool in integrated ocean and coastal observing systems.

Tania Jenkins

CoFish co-creating a research project with fishers for sustainable lake fisheries!

Amélie Truchy

Citizen scientists to advance the science and management of intermittent rivers and ephemeral streams.

15.45 • 16.15

Coffee & Cake

16.15 • 17.45

Oral Session 19: Addressing Climate Change and advocating for Environmental Justice

Aishworya Shrestha

Catalysing Climate Change Advocacy amongst Rural Nepalese Youth through Citizen Science.

Poster Session

Interactive Session 15: DBU-ThinkCamp on Public Engagement for planetary health

- Kim Grützmacher
- Susanne Hecker

Anna Soßdorf

Why it matters to be heard – The Relevance of Science Communication and Recognition in Citizen Science Projects.

K. N. Weber, Nicolás Felipe Gutierrez Paez, O. Sabel

Is it a match? Motivations on citizen science volunteers and recruitment arguments in project descriptions.

Sonia Liñán

A new theoretical engagement model for citizen science projects using enablers to overcome long term public engagement challenges.

15.45 • 16.15

Walk'n Talk

16.30 • 17.30

Oral Session 20: Social Citizen Science and Humanities

Michael Müller

Are we talking something new here? A historical corrective on the discussion about Citizen Science for Planetary Health.

Leticia Castro , Valerie Arza, Guillermina Actis

Co-design process of a citizen-social-science platform for environmental justice in Buenos Aires, Argentina.

Pia Viviani

Finding, measuring an improving heat hotspots using citizen science.

Pilar Paneque

Addressing the complexity of hydro-climate risk The experience of the citizen observatory of Drought Spain.

Melvine Otieno

Adapting to a changing environment Inspirations from Eastern Africa.

Marjana Brkić

Citizen science as a powerful tool for climate action.

Cláudia Carvalho

Exploring methodological approaches for citizen science sharing experiences from a pilot initiative in the social sciences.

Michael Soegaard Joergensen

From civil society repair cafes to empowering repair citizen science.

Sander Hermsen

Design Thinking in Citizen Science using methods from participatory design to support citizens in shaping the research agenda.

17.50 • 18.00 **Closing words**

18.00 **Individual Networking:** the conference organisers will provide ideas and a list of restaurants.

19.00 • 1.00 **Social Evening, Jung&Schönn by Raumklang**

MUSEUM FÜR NATURKUNDE, HS 7 ADLERPORTAL

10.00 • 13.00 ca. | **Satellite Symposium The Nature of Citizen Science**
organised by the CS Track Project & ECSA
hosted by Museum für Naturkunde Berlin

13.00 • 14.00 | Lunch, sponsored by CS Track

14.00 • 18.00 | **Excursions**

Meetings of ECSA Working
Groups, details to be
announced

More info at:

<https://2022.ecsa-conference.eu/>

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Association


**MUSEUM FÜR
NATURKUNDE
BERLIN**