



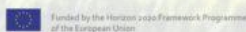
iREEC 2022

International Researchers of the
Education for Environmental Citizenship

**2nd International Conference
iREEC 2022**

**International Researchers of the
Education for Environmental Citizenship 2022**

**10-11 of March 2022
Online Event**



European Network for
Environmental Citizenship
Cost Action CA18229



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**European Network for
Environmental Citizenship**
Cost Action CA16229

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1. Welcome to the iREEC 2022 Conference

Dear Colleagues,

We are delighted to welcome you to the online iREEC 2022 International Conference, March 10-11, 2022.

Contemporary environmental challenges require a comprehensive and holistic education that is change-oriented. Such education could contribute to empowering a capable environmental citizen who could bring those changes in the environment and society, protecting the environment and achieving sustainability. Education for Environmental Citizenship which is the theme of the International Conference iREEC 2022 lays into this direction. We hope that iREEC 2022 can be intellectually stimulating, enriching our scientific discussions with a visionary spirit, for a more sustainable future of the global environment and the global society. We hope also that iREEC 2022, will lead to an innovative, active and effective scientific community, the community of the International Researchers on the Education for Environmental Citizenship.

It is a great honor for the Cyprus Centre for Environmental Research and Education (CYCERE) to hold such an important International Conference on Education for Environmental Citizenship in Europe in the framework of the COST Action “European Network for Environmental Citizenship”. We strongly hope that your participation in our virtual conference will be enjoyable. We regret that due to the Covid-19 pandemic, we could organize only an online event and not in Prague, Czech Republic (Charles University) as initially was scheduled. Inspired, however, by the conference theme, we hope to promote a pleasant context for the discussions during the conference. We have selected six topics that will include in round sessions oral presentations, an interactive poster session and a symposium. An opening and closing speech will be also present and along with all sessions will help to create the conditions for an inspirational scientific environment regarding Environmental Citizenship.

Together with the ENEC Steering Committee, the International Scientific Committee and the Local Organizing Committee, we are looking forward to seeing you.

Enjoy the iREEC 2022 conference!

2. Introduction to iREEC 2022

Environmental Citizenship is a key factor in EU's growth strategy (Europe 2020) and EU's vision for Sustainable Development, Green and Cycle economy and Low-carbon society (EU-roadmap 2050). Environmental Citizenship has been an influential concept in many different arenas such as economy, policy, philosophy, organizations' management, leadership and marketing and could be better exploited and established furthermore in education. Environmental Citizenship is recognized as an important aspect in addressing global environmental problems such as climate change (Stern et al., 2011; Ockwell et al., 2009), whilst providing support to pro-environmental organizations and individuals, contributing also to public pressure for political action (signing petitions, writing to politicians and newspapers).

Education has a lot to contribute in adopting and promoting Environmental Citizenship. The under-explored (until now) potential for pro-environmental behavior change through Environmental Citizenship should be more emphasized (Dobson, 2010) and can contribute greatly to a more sustainable world. Education for Environmental Citizenship (EEC) has a lot to contribute to this direction. In other words, Environmental Citizenship is about empowering people to develop their knowledge, competencies and dispositions necessary for responsible environmental engagement and civic participation. The European Network for Environmental Citizenship (ENEC), which is active in 38 countries, was established to promote theoretical and applied understanding of the Education for Environmental Citizenship and provides the following definition of EEC:

“Education for Environmental Citizenship” (EEC) is defined as the type of education which cultivates a coherent and adequate body of knowledge as well as the necessary skills, values, attitudes and competences that an environmental citizen should be equipped with in order to be able to act and participate in society as an agent of change in the private and public sphere, on a local, national and global scale, through individual and collective actions, in the direction of solving contemporary environmental problems, preventing the creation of new environmental problems, in achieving sustainability as well as developing a healthy relationship with nature. “Education for Environmental Citizenship” (EEC) is important to empower citizens to exercise their environmental rights and duties, as well as to identify the underlying structural causes of environmental degradation and environmental problems, develop the willingness and the competences for critical and active engagement and civic participation to address those structural causes, acting individually and collectively



within democratic means and taking into account the inter- and intra-generational justice (ENEC 2018)¹.

Education for Environmental Citizenship can be examined in different educational levels such as primary and secondary education and in different educational settings such as formal and non-formal education. In the iREEC 2022 international conference, the different ways and educational approaches with which Environmental Citizenship can be promoted will be emphasized.

The iREEC 2022 is an international conference in which original research papers, theoretical papers and reports from throughout the world dealing with the Education for Environmental Citizenship in all levels (pre-primary, primary, lower-secondary, upper-secondary, tertiary, higher education) and all settings-formalities (formal, non-formal, informal education) can be presented. The purpose of the iREEC 2022 is to contribute to an advanced understanding of environmental and sustainability education through a focus on research works examining and promoting environmental citizenship through education. Multidisciplinary research and approaches combining environmental education, sustainability education, science education and citizenship education are also accepted.

iREEC 2022 International Conference Aims to:

- Present research on scientific and educational activities that exemplify developments toward achieving environmental citizenship.
- Emphasize educational research which focuses on empowering citizens to exercise their environmental rights and duties, to identify the underlying structural causes of environmental degradation, as well as to develop the competences for critical and active engagement and civic participation.
- Conduct scientific dialogue on educational challenges deriving from the theoretical foundations of environmental citizenship (as a field that integrates knowledge, skills, values, attitudes and competences) and demonstrate how these are addressed in formal and non-formal education.
- Promote and support best practices that cultivate the type of values, attitudes, skills and competences that an environmental citizen should be equipped with in order to act and participate in society as an agent of change.

¹ European Network for Environmental Citizenship – ENEC (2018). Defining “Education for Environmental Citizenship”. Retrieved from <https://enec-cost.eu/our-approach/education-for-environmental-citizenship/>



3. General conference information

Conference Zoom links

iREEC 2022 Conference will take place virtually from 10 to 11 March 2022. Please follow the zoom links to join the conference sessions each day:

Zoom details

Thursday 10 March 2022 **and** Friday 11 March 2022

Join Zoom Meeting

<https://us06web.zoom.us/j/85968371065?pwd=WkpVMmVZZEgzRVZDRnVZbHBjcVJPZz09>

Meeting ID: 859 6837 1065

Passcode: 974660

The conference will be recorded and the presentations' videos will be published (uploaded).

4. Organisation of the conference

International Scientific Committee

- Dr. Andreas Ch. HADJICHAMBIS, Chair of ENEC & Scientific Director of CYCERE
- Prof. Pedro REIS, Vice–Chair of ENEC
- Dr. Marie-Christine KNIPPELS, Dissemination Board Coordinator of ENEC
- Dr. Audronė TELESIENE, Leader of the ICC Committee of ENEC
- Prof. Daphne GOLDMAN, Vice-Leader of the ICC Committee of ENEC
- Dr. Demetra PARASKEVA-HADJICHAMBI, Grant Holder Manager of ENEC
- Dr. Jan CINCERA, Chair of the Local Organizing Committee of iREEC 2022
- Dr. Kateřina JANČAŘÍKOVÁ, Charles University, Prague, Czech Republic

Local Organising Committee

- Roman KROUFEK, Jan Evangelista Purkyně University
- Kateřina JANČAŘÍKOVÁ, Charles University
- Tereza STREJČKOVÁ, Jan Evangelista Purkyně University
- Jan ČINČERA, Masaryk University
- Lucie ČECHOVSKÁ, Masaryk University
- Karel VOJÍŘ, Charles University
- Linda NĚMEČKOVÁ, Charles University
- Martin MODRÝ, Charles University

ENEC Steering Committee

The Steering Committee (SC) is consisted from:

- Dr. Andreas HADJICHAMBIS (CY), Cyprus Centre for Environmental Research and Education (CYCERE), Ministry of Education, Culture, Sport and Youth, Cyprus, Cyprus University of Technology (Action Chair & Grand Holder SR)
- Prof. Pedro REIS (PT), University of Lisbon, Portugal (Action Vice-Chair)

Working Group Leaders:

- Dr. Marta ROMERO ARIZA (ES), University of Jaen, Spain (Primary Formal)
- Dr. Jelle BOEVE-DE PAUW (BE), University of Antwerp, Belgium (Primary Non Formal)
- Dr. Niklas GERICKE (SE), Karlstad University, Sweden (Secondary Formal)



- Dr. Demetra HADJICHAMBI (CY), Cyprus Centre for Environmental Research and Education (CYCERE), Ministry of Education and Culture, (Secondary Non Formal)

Other Members:

- Dr. Andri CHRISTODOULOU (UK), University of Southampton, UK (Early Career Investigator and Gender Equality Coordinator – STSM Coordinator)
- Dr. Marie-Christine KNIPPELS (NL), Universiteit Utrecht, Netherlands (Dissemination Board Coordinator – Communication Manager)

5. iREEC 2022 Sessions

1. Social, economic and political dimensions of Environmental Citizenship
2. Environmental Citizenship as a psychological construct (Knowledge(s), Values, Beliefs, Attitudes, Skills and Competencies and Environmental Citizenship)
3. Environmental Citizenship in the context of Environmental Education & Education for Sustainability (Responsible Environmental Behaviour, Youth Activism, Education for Sustainability and Environmental Citizenship)
4. Environmental Citizenship in different sectors (heritage, tourism, transport, cities, etc.)
5. Education for Environmental Citizenship in Formal Education
6. Education for Environmental Citizenship in Non-Formal Education
7. Education for Environmental Citizenship in In-Formal Education.

6. Reviewers of iREEC 2022

- Dr. Andreas Ch. HADJICHAMBIS, Cyprus Center for Environmental Research and Education (CYCERE), Ministry of Education and Culture, Cyprus University of Technology, Lemesos, Cyprus
- Prof. Pedro REIS, Instituto de Educação da Universidade de Lisboa, Lisboa, Portugal
- Dr. Marianna KALAITZIDAKI, University of Crete, Rethymno, Greece
- Dr. Jelle BOEVE-DE PAUW, University of Antwerp, Antwerp, Belgium
- Dr. Niklas GERICKE, Department of Environmental and Life Sciences, Karlstad, Sweden
- Dr. Demetra PARASKEVA-HADJICHAMBI, Cyprus Center for Environmental Research and Education (CYCERE), Ministry of Education and Culture, Lemesos, Cyprus
- Dr. Marie-Christine KNIPPELS, Universiteit Utrecht, Utrecht, Netherlands
- Dr. Andri CHRISTODOULOU, University of Southampton, Southampton, United Kingdom
- Dr. Audronė TELEŠIENĖ, Kaunas University of Technology, Kaunas, Lithuania
- Prof. Daphne GOLDMAN, Beit Berl Academic College, Kfar Saba, Israel
- Dr. José Jesús DELGADO PEÑA, Facultad de Filosofía y Letras, Dpto. Geografía. Facultad Filosofía y Letras. Universidad de Málaga, Málaga, Spain
- Dr. Nicole BAUER, Swiss Federal Institute for Forest, Snow and Landscape Research WSL, Birmensdorf, Switzerland
- Dr. Marta ROMERO ARIZA, Department of Didactics of Sciences, University of Jaén, Spain
- Dr. Ralph HANSMAN, ETH Zurich



7. iREEC 2022 Session formats & Presentation instructions

iREEC 2022 Session formats:

- Oral presentation (15 min presentation and 5 min discussion)
- Poster in Interactive Poster Session
- Symposium with at least 3 papers. In the case of a symposium, a minimum of three different countries should be represented.

Instructions for presentations

Interactive Poster Session:

We encourage you to use PowerPoint presentation to create your Poster Slide Show with Close-up Images of key elements. In the following link, you will find useful video tutorials to help you create your Poster Slide Show with Close-up Images: https://mcphs.libguides.com/poster_production/online.

You will be asked to present your poster to the audience in 2 minutes (maximum). After the authors' brief introduction, an in-depth discussion between them and the audience follows. Poster session is scheduled for 30 minutes. The Chairperson of the Interactive Poster Session will remind the presenters of the time left.

Oral presentations:

The oral presentations should be maximum 15 minutes long. In addition, there will be time for 5 minutes of questions and/or discussions after each presentation. You will be asked by the chairperson to show your presentation via the share screen function which allows you to share your screen or your PowerPoint presentation file. There should be around 5 minutes at the end of the four (or five) presentations for general questions and discussion. The Chairperson of each Oral Presentation Session will inform you when **5 minutes left** (1st information), **2 minutes left** (2nd information) and **STOP** (3rd information) in order to remind the presenters of the time left.



Symposium Session:

Each presenter has 10 minutes and the Chairperson as the discussant has 3 minutes. This will leave 5 minutes for open discussion at the end. It is the Chairperson's responsibility to facilitate time management. The Chairperson of each Oral Presentation Session will inform you when **5 minutes left** (1st information), **2 minutes left** (2nd information) and **STOP** (3rd information) in order to remind the presenters of the time left.

8. Guidance for Chairpersons

For all sessions, chairpersons are asked to do two key things:

- Act as the Master of Ceremonies for the session and maintain the scheduled timekeeping
- Act as enabler of interaction and discussion – this is one of the most important aspects of a research conference, so please foster active discussion.

Before the beginning of your session, please ensure that all the presenters are connected and they are able to share screen their presentation. Introduce yourself to the group and remind them of the timings. You will have to remind the presenters of the time left.

Chairing the Symposium

Your role is to manage the smooth flow of the symposium. Introduce the presenters, your role as the discussant, and check everyone knows the timing. Each presenter has 10 minutes. This will allow for 5 minutes you as the discussant and 5 minutes for open discussion at the end. It is your responsibility to facilitate this. The Chairperson of the Symposium will inform you when **5 minutes left** (1st information), **2 minutes left** (2nd information) and **STOP** (3rd information) in order to remind each presenter of the time left.

Chairing Oral Presentations session

Your role is to manage the timing of the presentations and check that all runs smoothly. Introduce yourself to the presenters and encourage them to control if they are able to share screen their presentation before the session begins. Remind them of the timing: This format allows for 15 minutes of individual presentation time followed by a 5 minutes discussion for each paper. There should be around 5 minutes at the end of the four (or five) presentations for general questions and discussion. The Chairperson of each Oral Presentation Session will inform you when **5 minutes left** (1st information), **2 minutes left** (2nd information) and **STOP** (3rd information) in order to remind the presenters of the time left.

Chairing Interactive Poster session

Your role is to make the poster sessions a vibrant opportunity for exchanging research. Each presenter has 2 minutes to present him/herself and the topic of the poster in front of an audience gathered as a group. After the authors' brief introduction, an in-depth discussion between them and the audience follows. Poster sessions are scheduled for 30 minutes. As chairperson, you will need to explain how the session



runs as it may be unfamiliar to some delegates. You will also need to manage the timing and coordinate a fruitful discussion for each poster.

9. iREEC 2022 programme conference overview

 <p>iREEC 2022 International Researchers of the Education for Environmental Citizenship</p>	
 <p>European Network for Environmental Citizenship Cost Action CA16229</p>	
<p>Thursday, 10 March 2022- Online event</p>	
09:15- 09:45 CET	<p>Plenary MC Meeting Dr. Andreas HADJICHAMBIS, Chair of ENEC & Scientific Director of CYCERE</p>
09:45- 11:00 CET	<p>Round 1: Session 2 <i>Environmental Citizenship as a Psychological Construct (Knowledge(S), Values, Beliefs, Attitudes, Skills and Competencies and Environmental Citizenship)</i> Chairperson: Dr. Niklas GERICKE</p>
11:00- 11:15 CET	<p>Coffee Break</p>
11:15- 12:30 CET	<p>Round 2: Session 5a <i>Education for Environmental Citizenship in Formal Education</i> Chairperson: Dr. Marie-Christine KNIPPELS</p>

12.30- 14.00 CET	Lunch break
14:00 - 15:00 CET	<p>Round 3: Session 3a <i>Environmental Citizenship in the Context of Environmental Education & Education for Sustainability (Responsible Environmental Behaviour, Youth Activism, Education for Sustainability and Environmental Citizenship)</i> Chairperson: Dr. Jelle BOEVE-DE PAUW</p>
15:00 - 15:15 CET	Coffee Break
15:15 - 16:15 CET	<p>Round 4: Session 3b <i>Environmental Citizenship in the Context of Environmental Education & Education for Sustainability (Responsible Environmental Behaviour, Youth Activism, Education for Sustainability and Environmental Citizenship)</i> Chairperson: Dr. Andri CHRISTODOULOU</p>
16:15- 16:30 CET	Coffee Break
16:30- 17:30 CET	<p>Round 5: Session 3c <i>Environmental Citizenship in the Context of Environmental Education & Education for Sustainability (Responsible Environmental Behaviour, Youth Activism, Education for Sustainability and Environmental Citizenship)</i> Chairperson: Prof. Pedro REIS</p>
17:30- 18:00 CET	Interactive Poster Session

Friday, 11 March 2022- Online event	
08:15- 09:30 CET	Round 6: Session 4 <i>Environmental Citizenship in Different Sectors (Heritage, Tourism, Transport, Cities, Etc.)</i> Chairperson: Prof. Pedro REIS
09:30- 09:45 CET	Coffee Break
09:45- 10:45 CET	Round 7: Sessions 1 & 7 <i>Social, Economic and Political Dimensions of Environmental Citizenship</i> <i>Education for Environmental Citizenship in In-Formal Education</i> Chairperson: Dr. Audronė TELEŠIENĖ
10:45- 11:00 CET	Coffee Break
11:00- 12:15 CET	Symposium Session <i>Concepts of Empowerment: the Role of Energy and Environmental Citizenship in The Energy Transition</i> Chairperson: Dr. David C. FINGER
12:15- 13:45 CET	Lunch Break
13:45- 15:00 CET	Round 8: Session 6 <i>Education for Environmental Citizenship in Non-Formal Education</i> Chairperson: Dr. Marie-Christine KNIPPELS
15:00 - 15:15 CET	Coffee break
15.15 - 16.45 CET	Round 9: Session 5b <i>Education for Environmental Citizenship in Formal Education</i> Chairperson: Dr. Marta ROMERO ARIZA
16:45- 17:00 CET	Coffee Break
17:00- 18:00 CET	Closing Plenary MC Meeting Dr. Andreas HADJICHAMBIS, Chair of ENEC & Scientific Director of CYCERE.

10. Scientific programme

Thursday, 10th of March 2022, Online Event

Opening Plenary MC Meeting, 09:15-09:45 CET

Chairperson: Dr. Andreas HADJICHAMBIS, Chair of ENEC & Scientific Director of Cyprus Centre for Environmental Research and Education (CYCERE)

Thursday, 10th of March 2022, Online Event

Session 2, 09:45 - 11:00 CET

Environmental Citizenship as a Psychological Construct (Knowledge(S), Values, Beliefs, Attitudes, Skills and Competencies and Environmental Citizenship)

ENEC's Working Group 3 Meeting

Chairperson: Dr. Niklas GERICKE

R1-2-1 - A Value-Based Framework Connecting Environmental Citizenship and Change Agents for Sustainability – Implications for Education for Environmental Citizenship

Daphne Goldman¹ & Ariel Sarid²

1: Department of Environmental Science and Agriculture, Faculty of Education, Beit Berl College

2: Head of the Master Program for Management and Organization of Educational Systems, Faculty of Education, Beit Berl College

R1-2-2 - Construct of Young Environmental Citizens in Nordic Countries: Their Concerns, Values, Engagement, and Intended Future Actions

Saiki Lucy Cheah¹ & Lihong Huang²

1: Helsinki University

2: Oslo Metropolitan University

R1-2-3 - Students' Action Competence for Sustainability and the Effectiveness of Sustainability Education

Daniel Olsson¹, Niklas Gericke¹, & Jelle Boeve-De Pauw^{1,2}

1: Karlstad University, Institution of Environmental and Life Sciences, Karlstad, Sweden



2: *University of Antwerp, Faculty of Social Sciences, Department of Training and Education Sciences, Research Unit Edubron, Antwerp, Belgium*

R1-2-4 - The Role of Education, Self - Reported Knowledge and Environmental Risk Perception in the Disaster Preparedness

Aistė Balžekienė

Civil Society and Sustainability Research Group, Kaunas University of Technology, Lithuania

Thursday, 10th of March 2022, Online Event

Session 5a, 11:15 - 12:30 CET

Education for Environmental Citizenship in Formal Education

ENEC's Working Group 3 Meeting

Chairperson: Dr. Marie-Christine KNIPPELS

R2-5a-1 - Environmental Education in Albanian Lower Secondary Education Curricula in the light of The UNESCO Framework

Nevila Çinaj¹ & Klodiana Gorica²

1: University of "Aleksander Moisiu" Durres, Department of Tourism

2: University of Tirana

R2-5a-2 - Environmental Citizenship of Dutch Lower Secondary Students

Michiel Van Harskamp, Marie-Christine P.J. Knippels & Wouter R. Van Joolingen

Freudenthal Institute, Utrecht University, The Netherlands

R2-5a-3 - Socio-Scientific Inquiry-Based Learning as a Means Towards Environmental Citizenship through the Lens of Critical Realism

Marta R. Ariza¹, Andri Christodoulou², Michiel Van Harskamp³, Marie-Christine P.J. Knippels³, Eleni A. Kyza⁴, Ralph Levinson⁵ & Andria Agesilaou⁴

1: Department of Didactics of Sciences, University of Jaén, Spain

2: Southampton Education School, University of Southampton, United Kingdom

3: Freudenthal Institute, Utrecht University The Netherlands

4: Media, Cognition and Learning Research Group, Department of Communication and Internet Studies, Cyprus University of Technology, Limassol, Cyprus

5: University College London Institute of Education, United Kingdom

R2-5a-4 - The Impact of a General Elective Course on Sustainability on the Environmental Citizenship of Undergraduate Students



Jelle Boeve-De Pauw^{1,2}, Audronė Telešienė³, Daphne Goldman⁴ & Ralph Hansmann⁵

1: University of Antwerp, Faculty of Social Sciences, Department of Training and Education Sciences, Research Unit Edubron, Antwerp, Belgium

2: Centre of Expertise in Urban Education, Karel De Grote University of Applied Sciences And Arts, Belgium

3: Kaunas University of Technology, Lithuania

4: Department of Environmental Science and Agriculture, Faculty Of Education, Beit Berl College

5: ETH Zurich

Thursday, 10th of March 2022, Online Event

Session 3a, 14:00 - 15:00 CET

Environmental Citizenship in the Context of Environmental Education & Education For Sustainability (Responsible Environmental Behaviour, Youth Activism, Education for Sustainability and Environmental Citizenship)

ENEC's Working Group 4 Meeting

Chairperson: Dr. Jelle BOEVE-DE PAUW

R3-3a-1 - Youth Perception of Environmental Citizenship and Environmental Protection: Example of Duzce

Yaşar Selman Gültekin

Duzce University, Faculty of Forestry Department of Forest Engineering, Turkey

R3-3a-2 - Climate Youth Activism: Motivation, Aims and the Promotion of Transformative Learning

Niklas Gericke¹, Pedro Reis², Matthias Kowasch³, Joana P. Cruz⁴ & Katharina Kicker⁵

1: Karlstad University, Sweden

2: University of Lisbon, Portugal, Preis@le.Ulisboa.Pt

3: University College of Teacher Education Styria, Austria, Inland Norway University of Applied Sciences, University, Norway

4: University of Porto, Portugal

5: University of Graz, Austria

R3-3a-3 - Key Pedagogical Features and a Common Approach to Evaluate Education for Environmental Citizenship: an International Perspective

Marta Romero Ariza¹, Jelle Boeve-De Pauw^{2,3}, Daniel Olsson⁴, Peter Van Petegem², Gema Parra⁵ & Niklas Gericke⁴

1: Science Didactics Department, University of Jaén, Spain



2: *Research Unit Edubron, Department of Training And Education Sciences, Faculty of Social Sciences, University of Antwerp, Belgium*

3: *Centre of Expertise In Urban Education, Karel De Grote University of Applied Sciences And Arts, Belgium*

4: *Department of Environmental and Life Science, Karlstad University, Sweden*

5: *Animal Biology, Plant Biology and Ecology Department, University of Jaén, Spain*

Thursday, 10th of March 2022, Online Event

Session 3b, 15:15 - 16:15 CET

Environmental Citizenship in the Context of Environmental Education & Education for Sustainability (Responsible Environmental Behaviour, Youth Activism, Education for Sustainability and Environmental Citizenship)

ENEC's Trans Working Group Meeting

Chairperson: Dr. Andri CHRISTODOULOU

R4-3b-1 - A Liable Gender Approach in Environmental Grind in Albania

Nevila Xhindi¹ & Enis Sokoli²

1: Mediterranean University of Albania Tirana, Albania

2: Center for Comparative and International Studies, Tirana, Albania

R4-3b-2 - Increasing Individual Environmental Responsibility: an Evaluation on Bilecik Şeyh Edebali University Academicians' Environmental Attitude and Behaviours

Pınar Gültekin, Sultan Ece Altınok & Gamze Çoban

Duzce University Faculty of Forestry Department of Landscape Architecture, Turkey

R4-3b-3 - Nature2Design4Society: Nature-Based Solutions and Eco-Design Applied to Community Live Projects in London and Glasgow (2010-2020)

Cristian Suau Ibanez

ENEC MC Member (UK)

Thursday, 10th of March 2022, Online Event

Session 3c, 16:30 - 17:30 CET

Environmental Citizenship in the Context of Environmental Education & Education for Sustainability (Responsible Environmental Behaviour, Youth Activism, Education for Sustainability and Environmental Citizenship)

ENEC's Working Group 1 Meeting

Chairperson: Prof. Pedro REIS

R5-3c-1 - Education for Environmental Citizenship of Preservice Teachers in the Context of the COVID-19 Pandemic

Elisabete Linhares¹ & Pedro Reis²

1: Escola Superior De Educação Do Instituto Politécnico De Santarém, Complexo Portugal

Unidade De Investigação E Desenvolvimento Em Educação UIDEF, Instituto De Educação – Universidade De Lisboa

2: Instituto De Educação – Universidade De Lisboa

R5-3c-2- Education for Environmental Citizenship: Design of a Pedagogical Model for Primary Education

Teresa Monte¹ & Pedro Reis²

1: Instituto De Educação Da Universidade De Lisboa

2: Instituto De Educação Da Universidade De Lisboa

R5-3c-3- Towards a Pedagogy for Inclusive Environmental Citizenship Education: a Preliminary Learning Analysis for Undergraduate Education at an International University in Japan

Faezeh Mahichi, Peter W. Roux & Lailani Laynesa Alcantara

Ritsumeikan Asia Pacific University (APU), Japan

Thursday, 10th of March 2022, Online Event

Interactive Poster Session, 17:30- 18:00 CET

ENEC's Trans Working Group Meeting
Chairperson: Prof. Daphne GOLDMAN

IPS01 - Education for Environmental Citizenship: a Master's Course Incorporating International Collaboration

Ariel Sarid & Daphne Goldman

Faculty of Education, Beit Berl College, Israel

IPS02 - Developing an Evidence-Based Educational Course for Environmental Citizenship

Audra Balundė & Mykolas Simas Poškus

Mykolas Romeris University, Environmental Psychology Research Centre, Institute of Psychology

IPS03 - Fostering Adolescents' Environmental Citizenship-Relevant Behavior Via School-Based Intervention

Goda Kaniušonytė¹ & Audra Balundė^{1,2}

1: Mykolas Romeris University, Institute Of Psychology, Environmental Psychology Research Centre

2: University Of Groningen, Faculty Of Behavioral And Social Sciences, Department Of Psychology

IPS04 - Change the Story - Learning To Make A Difference In Climate Crisis

Luca Baglivo & Daniela Conti

Centre for Environmental Research, Documentation and Education CREDA, Parco Di Monza, Italy

IPS05 - Competences and Capabilities: a Relevant Resignification in Education for Environmental Citizenship

Mónica Ofelia García Calvo¹, Isabel Garzón Barragán¹ & Pedro Reis²

1: Universidad Pedagógica Nacional, Colombia

2: Instituto De Educação Da Universidade De Lisboa

IPS06 - The Role of Environmental Journalism and Documentaries as a Means of In-Formal Education for Environmental Citizenship

María Purificación Subires-Mancera & José Jesús Delgado-Peña

University of Málaga, Spain

Friday, 11th of March 2022, Online Event

Session 4, 08:15 - 09:30 CET

Environmental Citizenship in Different Sectors (Heritage, Tourism, Transport, Cities, Etc.)

ENEC's Trans Working Group Meeting

Chairperson: Dr. Pedro REIS

R6-4- 1 - Environmental Citizenship Role Enhancing Quality of Life

Zvi Weinstein

Israel Smart Cities Institute

R6-4- 2 - The Spatial Calibration of Environmental Citizenship: Identity Political Analysis of The Cycling Culture in a Small Provincial City

Simo Häyrynen

University of Eastern Finland

R6-4- 3 - Environmental Citizenship: Air Pollution Monitoring and Control

Beti Angelevska, Vaska Atanasova & Igor Andreevski

Faculty of Technical Sciences, University "St. Kliment Ohridski" Bitola, R.N. Macedonia

R6-4- 4 - European Green Deal and Environmental Citizenship: Two Concepts with Inseparable Relationship

Andreas Ch. Hadjichambis^{1,2}

1: Cyprus Centre for Environmental Research & Education (CYCERE), Limassol, Cyprus

2: Cyprus Ministry of Education, Culture, Sport & Youth (MOEC), Nicosia, Cyprus

Friday, 11th of March 2022, Online Event

Sessions 1 & 7, 09:45 - 10:45 CET

Social, Economic and Political Dimensions of Environmental Citizenship Education for Environmental Citizenship in In-Formal Education.

ENEC's Trans Working Group Meeting

Chairperson: Dr. Audronė TELEŠIENĖ

R7-1-1 - Environmental Citizenship or Consumership - a Methodological Approach



Vladislav Kaputa, Hubert Paluš, Hana Maťová & Mikuláš Šupín
Technical University in Zvolen, Department of Marketing, Trade and World Forestry

R7-7-1 - Fostering Education of Environmental Citizenship Through Food Living Labs

Danielle Wilde & Mary Karyda
University of Southern Denmark,

R7-7-2 - Developing a Sustainability Academies, by Applying the Education for Environmental Citizenship Model

Danielle Wilde
University of Southern Denmark

Friday, 11th of March 2022, Online Event

Symposium Session 11:00-12:15 CET

Concepts of Empowerment: The Role of Energy and Environmental Citizenship in The Energy Transition

ENEC's Trans Working Group Meeting

Chairperson: Dr. David C. FINGER

SS-Intro - Concepts of Empowerment: The Role of Energy and Environmental Citizenship in the Energy Transition

Mehmet Efe Biresselioglu¹, Giuseppe Carrus², Frances Fahy³, Andrea Kollmann⁴, Jens Olgard Dalseth Røyrvik⁵

1: Izmir University of Economics, Izmir, Turkey

2: Università Roma Tre, Rome, Italy

3: National University of Ireland, Galway

4: Energieinstitut An Der Johannes Kepler Universität, Linz, Austria

5: Norwegian University of Science and Technology

SS01 – Community and Individual Dynamics of Energy

Citizenship: Evidence from The Literature Review of The DIALOGUES Project

Mehmet Efe Biresselioglu

Izmir University of Economics, Izmir, Turkey

SS02 – Individual and Collective Factors at the Basis Of Pro-

Environmental Behaviors, Sustainable Energy Choices and Energy Citizenship



Giuseppe Carrus
Università Roma Tre, Rome, Italy

**SS03 – Energyprospects - Current Perspectives on Energy
Citizenship**

Frances Fahy
National University of Ireland, Galway

**SS04 - Conceptualizing Energy Citizenship - Insights from the DIALOGUES
Project**

Andrea Kollmann
Energieinstitut An Der Johannes Kepler Universität, Linz, Austria

SS05 - The Difference of Urban and Rural Energy Citizenship in Norway

Jens Olgard Dalseth Røyrvik
Norwegian University of Science and Technology

Friday, 11th of March 2022, Online Event

**Session 6, 13:45- 15:00 CET
Education for Environmental Citizenship in Non-Formal Education**

ENEC's Trans Working Group 2 & 3 Meeting
Chairperson: Dr. Marie-Christine KNIPPELS

**R8-6-1 - Knowledge Use and Environmental Education in Hungarian School
Garden**

Imre Kovách^{1,2} & Boldizsár Megyesi¹
1: Institute for Sociology, Centre for Social Sciences, Hungarian Academy of Sciences
2: Department of Sociology and Social Policy, University of Debrecen, Hungary

R8-6-2 - Picture Environmental Citizenship as a Tree

Inger Birkeland & Mina Boldermo Eriksen
Department of Culture, Religion and Social Studies, University of South-Eastern Norway

**R8-6-3 - A Systematic Literature Review of K-12 Environmental Citizen
Science (CS) Initiatives as a Springboard For Education for Environmental
Citizenship**



Demetra Hadjichambi^{1,2}, Andreas Ch. Hadjichambis, Anastasia Adamou¹ & Yiannis Georgiou^{1,2}

1: Cyprus Centre for Environmental Research & Education (CYCERE), Limassol, Cyprus

2: Cyprus Ministry of Education, Culture, Sport & Youth (MOEC), Nicosia, Cyprus

R8-6-4 - Investigating Environmental Citizen Science Initiatives via the Lens of Education for Environmental Citizenship: a Systematic Review of Empirical Research

Anastasia Adamou¹, Yiannis Georgiou^{1,2}, Demetra Hadjichambi^{1,2}, And Andreas Ch. Hadjichambis^{1,2}

1: Cyprus Centre for Environmental Research & Education (CYCERE), Limassol, Cyprus

2: Cyprus Ministry of Education, Culture, Sport & Youth (MOEC), Nicosia, Cyprus

R8-6-5- A Systematic Review on the Participation Aspects of Environmental Citizen Science Initiatives

Michalis A. Vasiliades¹, Andreas Ch. Hadjichambis^{1,2}, Demetra Hadjichambi^{1,2}, Anastasia Adamou¹ & Yiannis Georgiou^{1,2}

1: Cyprus Centre for Environmental Research & Education (CYCERE), Limassol, Cyprus

2: Cyprus Ministry of Education, Culture, Sport & Youth (MOEC), Nicosia, Cyprus

Friday, 11th of March 2022, Online Event

Session 5b, 15:15 - 16:45 CET

Education for Environmental Citizenship in Formal Education

ENEC's Trans Working Groups 1 & 2 Meeting

Chairperson: Dr. Marta ROMERO ARIZA

R9-5b-1 - International Initiative Enacted Locally. Initiative Eco-Schools in Slovenia. Results and Perspectives

Željko Oset^{1,2}

1: University of Nova Gorica, Slovenia,

2: Museum of Slovenian Independence, Slovenia

R9-5b- 2 - Video Annotations for the Development of Environmental Citizenship during Initial Teacher Education

Daniel Cebrián-Robles¹, Enrique España-Ramos² & Pedro Reis³

1: University of Málaga, Science Education Department, Spain

2: University of Málaga, Science Education Department, Spain



3: Universidade De Lisboa, Instituto De Educação, Lisboa, Portugal

R9-5b-3 - Research on the Environmental Citizenship of Students of the Sciences of Primary Education

Efthimia Baltioti & Marianna Kalaitzidaki

Department of Primary Education, University of Crete

**R9-5b-4- How Do Teachers Perceive Environmental Citizenship?
A Systematic Review of The Empirical Research**

Yiannis Georgiou^{1,2}, Andreas Ch. Hadjichambis^{1,2}, & Demetra Hadjichambi^{1,2}

1: Cyprus Centre for Environmental Research & Education (CYCERE), Limassol, Cyprus

2: Cyprus Ministry of Education, Culture, Sport & Youth (MOEC), Nicosia, Cyprus

Friday, 11th of March 2022, Online Event

Final Plenary MC Meeting, 17:00-18:00 CET

Chairperson: Dr. Andreas HADJICHAMBIS, Chair of ENEC & Scientific Director of Cyprus Centre for Environmental Research and Education (CYCERE)



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