



WEBINAR

Light Pollution 2021

14/05/2021 | on-line

EU GREEN WEEK 2021 PARTNER EVENT

10:00 Opening and introduction

CZECH REPUBLIC, MINISTRY OF ENVIRONMENT

Anna Pasková, Director of the Department of Environmental Policy and Sustainable Development

Michal Bareš, astronomer

What is light pollution?

What are the causes and effects of light pollution?

10:15 Night Light - Island Government of La Palma

INTERREG EUROPE PROJECT

Ana Castañeda Pérez, head of the general section of the Cabildo de La Palma Tourism Service

Improving regional policies to reduce light pollution and protect and valorise dark night.

How protecting the sky from light pollution can help the economic development of a rural area through the activity of astronomical and scientific tourism.

10:35 Emissions projects

THE SILESIAN GRAMMAR SCHOOL

Anna Beck, student; Michal Jedlička, Deputy mayor of the city of Opava

A group of students from the Silesian Grammar School, the city of Opava interested in environmental science and positive impact of people on the environment. Since 2018, they have been working to research and address the issue of light pollution. A good example of a bottom up approach and a citizen / student of science.

10:55 Fade to Black in Brno

A JOINT PROJECT OF SCIENTISTS AND THE MUNICIPALITY

Petr Baxant, Associate professor – FEEC, UEEN

Even after the public lights go out, the city is full of lights - advertising banners, lamps along the railway tracks or warning lights on skyscrapers.

11:15 ENLIGHTENme

EU RESEARCH PROJECT, HORIZON 2020

Simona Tondelli, full professor of Urban and Regional Planning in the Department of Architecture, UNIBO

Presentation of the new research project ENLIGHTENme – Innovative policies for improving citizens' health and wellbeing addressing indoor and outdoor lighting the effect urban lighting.

11:35 Discussion



ZERO #EUGreenWeek
POLLUTION
for healthier people and planet



Speaker Biography

ANNA PASKOVÁ

Anna Pasková, M.A. is Director of Environmental Policy and Sustainable Development Department at the Ministry of Environment of the Czech Republic. She has worked in the field of environmental policy, sustainability for more than 12 years. Currently she is responsible for Agenda 2030, the State Environmental Policy and the National Adaptation Plan implementation. Anna is also involved in the agenda of light pollution, as Coordinator of the inter-ministerial working group on light pollution. Previously she has gained experiences at the State Environmental Fund, Technology Agency of the Czech Republic, Foundation for Environmental Security and Sustainability or at the Embassy of the Czech Republic in the Democratic Republic of Congo. Anna graduated from the United Nations mandated University for Peace, Environmental Security Master's Programme.

MICHAL BAREŠ

Michal Bares is a lifetime amateur astronomer, he is member of Czech astronomical society and IDA and focuses on field measurements and mapping of the astronomical light pollution. Michal is one of the core contributors to projects Svetelneznecesteni.cz and Skyquality.cz, co-author of sky quality reports for several protected areas in Czechia and author of the Guide to responsible lighting for municipalities. He has been active dark-sky advocate for more than 15 years and regularly participates on public and non-public educational and outreach events promoting astronomy, protection of night environment and responsible lighting practices. Michal usually enjoys beauties of the night sky in "Manetinska oblast tmave oblohy", largest dark sky area in Czechia he helped to establish in 2014.

ANNA BECK

Anna Beck is a third-year student at the Silesian Grammar School. She has lead the Project Emise since 2019. During this time, she has participated in light pollution research, presented for regional and national government officials and coordinated an academic exchange of Czech and British students.

MICHAL JEDLIČKA

Michal Jedlička is the deputy mayor of the city of Opava. He is responsible for the environment department, civil planning, transportation, the Opava Technical services and for the city's company. Michal is also the operator of public lighting and greenery in the city. He graduated from the Technical University in Ostrava at the Department of environmental engineering at the faculty of mining and geology. Michal plays a key part in the popularization of green roofs in the city and water management in the countryside.

PROJECT EMISE – GROUP

We are a group of students from the Silesian Grammar School in Opava (SGO) interested in environmental science. Our goal is to educate the general public about the pollution we cause, promote the concept of a healthy environment, and inspire people to pause and consider the consequences of their lifestyle. Furthermore, we strive to initiate positive environmental legislative changes in the Czech Republic and the European Union.

SIMONA TONDELLI

Simona Tondelli is full professor of Urban and Regional Planning in the Department of Architecture (DA), University of Bologna (UNIBO). She is the Director of Organisational Unit (UOS) Bologna of the DA and vice director of the UNIBO Interdepartmental Centre for Applied Research on Buildings and Construction (CIRI-EC). She has 23 years of research experience in sustainable urban planning and urban and rural regeneration and is currently project coordinator of four EU projects (H2020 ENLIGHTENme, H2020 Ruritage, INTERREG EUROPE Match-up, INTERREG ADRION Adriseismic). In addition, she is scientific head of the UNIBO research teams in many other international projects.

ANA CASTANEDA PÉREZ

Diploma in Tourism (TEAT) from the School of Tourism of Santa Cruz de Tenerife. Responsible for tourism promotion of the Island Council of La Palma since 1987, where she has been the manager of the Tourism Board until May 2010, being since then Head of the General Affairs Section of the Tourism Service, in charge of the creation of tourism product, coordinating the sector tables of Astrotourism, Gastronomy and Culture, and Active Tourism and Nature. He has been the manager of the Tourist Competitiveness Plan "Canarias una experiencia volcanica II", basic in the creation of astrotourism structures: viewpoints and astronomical trails, thematization of activities and companies and creation of the Entrepreneurs Group. Island manager of the Interreg Europe "Night Light" project focused on light pollution and the development of astrotourism, she is also manager of the multi-event Astrofest La Palma."

PETR BAXANT

Petr Baxant is an Associate Professor at the Brno University of Technology. Furthermore, a scientist engaged in lighting research, light measurement, and luminance analysis. He is interested in nature protection, and the impacts of human activities on the environment. Closely related to this is his permaculture garden and interest in new inventions and innovations friendly to the planet Earth.