

The Challenge in Educating the Young Generation on Climate Change: Climademy: The Erasmus+ Climate Change Teachers' Academy

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Abstract

Educating the new generation of citizens about air pollution and climate change is necessary to help mitigate climate change. This requires a comprehensive framework where educators can learn how to teach the next generation of citizens about climate change drivers, impacts and mitigation and adaptation measures using an effective methodology. It also requires well-informed educators who are able to discuss the different main aspects of climate change and the feedbacks involved. Climademy is the Erasmus+ Climate Change Teachers' Academy, which aims to create a network of initial training and professional development organisations providing formal and non-formal education and training opportunities for in-service and in-service teachers. The network supports and provides the necessary infrastructure, digital tools and resources, and promotes the climate literacy of teachers. Four national hubs have already been established to provide training activities for teachers, with specific foci driven by regional particularities: the Greek hub in the Mediterranean, focusing on atmospheric chemistry; the Finnish hub in the Arctic, focusing on atmospheric physics; the German hub in continental Europe, focusing on satellite observations and modelling tools for climate change projections; and the Italian hub on transforming all information into knowledge and awareness through the environmental education process. The CLAUDI digital platform is at the heart of Climademy and hosts all educational material, online courses, provides links to open data, and supports the community forum. Material is available in English and in the national language inside each national hub areas. CLAUDI is openly available after registration and can be assessed through the Climademy website (<https://climademy.eu>) and directly through <http://claudi.chemistry.uoc.gr>. Climademy is now opening its activities to other countries and welcomes contributions for additional national Hubs to join and be supported by CLAUDI.

Early Career Scientist

NO, I am not an early career scientist.