



CRESCENDOschools: engaging young people with climate science through scientific education, social media and art

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CRESCENDOschools is a European network of schools on Earth system modelling and climate change born through the CRESCENDO H2020 project (<https://crescendoproject.eu>). CRESCENDO works to further improve European Earth System models that are used to understand and predict the future evolution of the Earth's climate. From the beginning of the project a communication strategy was designed to ensure knowledge developed in the project, but also general knowledge on global climate change, is communicated to the wider public in an engaging and understandable form.

The students enrolled in the network are working directly with leading climate researchers to increase their scientific understanding of global climate change, the awareness of the urgency of the problems and potential solutions, but also to develop an appropriate suite of education and dissemination resources targeted to the needs and interests of students in the 16-19 years old age range. While helping them to develop these resources we aim for the students to learn new skills, benefit from the experience and also have fun.

In its first year, CRESCENDOschools involved three schools from the UK, France and Sweden, which have been exploring the science of global change with nearby CRESCENDO researchers. In the UK, students from Coombeshead Academy, in Newton Abbot, partnered with Met Office and the Universities of Leeds and Exeter, are developing a new website where content developed in CRESCENDOschools is being made available (<http://climatechangewechange.crescendoproject.eu/>) and with plans to be linked to several social-media platforms (e.g. Twitter, Instagram and Snapchat). In Sweden, a group of sixty 16-years old science students from the KungskapsGymnasiet started working with SMHI researchers in January 2017. Since then students and researchers have met several times and the students conducted science assignments on different climate change related scientific topics and produced infographics. These were presented to a new group of Swedish students who recently joined the network in January 2018 and will be made available through the social media platform developed by the UK students. In Paris, ten students from the École Jeannine Manuel, partnered with Institut Pierre Simon Laplace (IPSL) scientists, created the "2100 The Musical" on climate change. The musical was presented in the school on several occasions and also at CRESCENDO's General Assembly. A video has now been edited and shared through the CRESCENDOschools website: <http://climatechangewechange.crescendoproject.eu/2018/01/04/2100-the-musical/>.

Plans for the future of the network include the production of a Summary for Teenagers of the upcoming IPCC's Special report on 1.5 degrees, to be released in summer 2019.