

A-Level Environment Conference



Key details

21 Oct 2022

Norwich Castle

10am to 3pm

With speakers from:

Tyndall Centre, John Innes Centre,
NCC Environmental Services and
Norfolk Museums Service

Discover how action for the environment is taking place in museum collections, the lab and out in the field. Meet leading scientists and curators and explore our collections.

This day will support students studying
Biology, Geology and Environmental Science

Places are limited, contact us now to book! £8 per student
norwichcastle.bookings@norfolk.gov.uk or 01603 493636



Programme

Keynote: Climate Change and Norfolk, with Asher Minns (Tyndall Centre)

We are excited to announce that the inspiring science communicator and Executive Director of the Tyndall Centre for Climate Change Research, Asher Minns, will be joining us as keynote speaker. Asher will start the day by establishing where we are with climate change, what it means for Norfolk specifically and what response we can make that will contribute positively to the issues at hand and in our lives and careers.

Session 1: Digging for Life - A Soil-Root Love Story, with soil chemist Dr Maria Hernandez-Soriano (John Innes Centre)

Roots are an essential part of the soil under our feet, they help hold it together and communicate with other soil inhabitants by releasing sugars, hormones and even antibiotics. Using current research, participants will analyse root structures to measure soil health.

Session 2: Carry on Collecting, with curator Dr David Waterhouse (Norfolk Museums Service)

Collecting is an important part of studying biodiversity. From tiny flies to a huge polar bear, Norwich Castle is home to 1.5 million natural history specimens, and much can be learned from them. In this workshop students will be immersed in the collections, discovering how useful the collections are to science.

Session 3: Communicating Environmental Issues in Museums, with educator Kathy Moore (SHARE Museums East)

The re-display of the Natural History gallery at Norwich Castle, completed over 10 years ago, was ahead of its time in its use of recycled materials and conservation messages. This session will investigate the ways this gallery can educate and inspire visitors about environmental issues and will ask you to reimagine its content and messages for a post-COP26 audience.

Session 4: Mapping the Natural World in Norfolk - Past, Present and Future, with tree specialist Tom Russell-Grant (Norfolk County Council)

Find out how historic hand-drawn maps, modern LIDAR-derived maps and future climate-change scenarios are being used to preserve and enhance natural habitats in Norfolk. In this workshop participants will explore the changing Norfolk landscape and consider ways to protect it.

Session 5: Invasive Non-Native Species in Norfolk and Beyond, with science communicator Liam Smith (Norfolk County Council)

Discover some of the non-native species that threaten biodiversity in Norfolk, what threats they pose for native species and how everyone can play their part in stopping them in their tracks!

