

The connection between acoustics and ecology

Prizes to
be won!

This activity is designed to help you explore the connection between ecology and acoustics. Soundscapes are the sounds of the things we hear around us. They can be formed from natural sounds (such as a rushing stream or wildlife), sounds made by us (such as talking, playing music or driving cars) or a combination of the two. Your local area will have its own different soundscapes, but have you ever considered how they influence the wildlife around you.

The Competition

This competition is for a small team of up to 3 students between 11 and 16 years of age. Students can be from different year groups and classes; however, they need to be from the same educational establishment.



BirdNET

Activity: Use the BirdNET app to identify the birds present in three acoustically different areas.



Task 1: Familiarisation of measurement hardware and software

Task 2: Select three different soundscapes

Task 3: Comment on the bird species that are present

The Deadline

The deadline for entries is 31st July 2023. Entries will be judged by a panel of experts. The decision of the judging panel will be final.

Visit ioa.org.uk for further details

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