BURROW RECORDER

A smartphone app for capturing impacts of burrowing invasive species on erosion

✓ iOS
✓ Android

What is it?

An app for recording animal burrows and their impacts in aquatic environments Designed for invasive non-native species but applicable to other species

Why is it needed?

- Burrowing invasive species have been linked with erosion and flood risk
- Little is known about extent of impacts
- The app captures burrow presence, signs of erosion and site information, building a public geolocated database of impacted sites

Signal crayfish burrows (river bank)

Who can use it?

- No specialist expertise required[+]
- Can be used for rivers, artificial channels, lakes*, estuaries*, saltmarshes*
- Different levels of information recorded according to user expertise and preference
- As a minimum include: location, burrow presence/ absence, photographs
- Adventurous users may upload a full photo survey to support 3D modelling research

How do I use it?

- ✓ It is a progressive web app (pwa) accessed like a website but can be added to your home screen ➡
- ✓ Internet enabled device e.g. smartphone
- ✓ Internet access is required to complete the survey
- ✓ Familiarise yourself with the app before a site visit
- ✓ Check location access is enabled on phone/ browser
- ✓ Visit: burrow-recorder.coreo.app/
- ✓ Sign up with an email account
- ✓ Click the verification email link

✓ **Start your survey!**

Add to home screen

You can add the app to your home screen for easy access. View using the web link and then:

Android:
You will be prompted to install on home screen – accept![++]

iOS:
Choose upload icon and select "Add to home screen"

[++] Do this the first time you are prompted

+users must be trained in safe working in aquatic environments and follow their organisation's health and safety procedures

*under development

Queen Mary University of London

Environment Agency

natural apptitude

coreo

? Questions or feedback
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