

## Topics not covered in the Sound Analysis Workshop

The topics listed below are currently outside the scope of the Sound Analysis Workshop. If your main interest in attending the workshop is to learn about topics on this list, this workshop may not be a good fit for you.

- soundscape analysis using acoustic indices
- automated classification of animal sounds, machine learning, etc.
- physics of sound production and propagation
- calibrated measurements of received levels of ambient noise or animal sounds
- sound localization or beamforming
- how to clean up recordings (e.g., background noise reduction; in general, we recommend against manipulating recordings that will be used for measurements without an advanced understanding of bioacoustics and the specific signal processing methods used)
- ecological/statistical applications of bioacoustic data, such as occupancy modeling or abundance estimation
- biological mechanisms of sound production or perception
- details of how to use any specific software other than Raven

Spring (but not fall) workshops include a brief introduction to techniques and equipment for targeted field recording using directional microphones.

If you have specific questions about whether the workshop is right for you, please [contact us by email](#).