



Electrofishing Essentials



Overview

- Purpose: To provide guidance that helps biologists
 - increase the precision and accuracy of electrofishing sampling;
 - optimize equipment model choices; and
 - improve safety in the field.
- This is about “tuning” your equipment and does not cover traditional sampling design (i.e., objectives, where and when to sample)
- “Nuisance” information: you want to catch fish for some purpose but we have to pay attention to the tool itself to improve our sampling

Agenda

- Overview and introduction to *electrofishing.net*
- Characteristics of electrical waveforms used for electrofishing
 - AC, DC, PDC
 - Important fish catching attributes of waveforms
- Control box demonstration
- GPP output description and metering

Agenda (continued)

- Standardized electrofishing by output goal tables
 - Water conductivity demonstration
 - Output goal table development

Agenda (continued)

- Troubleshooting equipment performance
 - electrofishing.net blog
 - checking backpack electrical system
 - scenario on control box output
- Equipment selection considerations
 - Buyer's guide in electrofishing.net
 - Determining effective conductivity range
 - Examples
 - Boat Power Excel file
 - Backpack Power Excel file

Agenda (continued)

- Operating controls of backpack shockers (especially the LR-24)
- Electrofishing Safety
- Testing Equipment
- Summary and Wrap-up

Community of Practice

ELECTROFISHING.NET



SERVING THE GLOBAL FISHERIES COMMUNITY

www.electrofishing.net

**Currently Offline