

# Can You Hear Me Now? An Overview of Telemetry Technologies and Their Applications

Nicholas J. PORTER

Merck Animal Health, Boise, Idaho, USA

✉ [nicholas.porter@merck.com](mailto:nicholas.porter@merck.com)

## Abstract

Telemetry is an ever-evolving field with a suite of technologies for wildlife and fisheries researchers. Over the past 100 years many advancements in telemetry equipment have transpired. These developments allow for numerous options when deciding on equipment and methods for telemetry related studies. As such, this talk will cover the four major divisions of telemetry including radio, acoustic, GPS, and radio frequency identification (RFID). An overview of telemetry technologies and their applications will be covered, to further education and bolster the tools that researchers and managers have at their disposal. It is the purpose of this presentation to provide guidelines and suggestions to researchers to identify when the appropriate technology should be utilized, and what combinations of these technologies are best suited for answering research questions.

**Keywords:** telemetry, remote sensing, wildlife, fish, tracking.

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