



trackdAT[📶]



You can access **TrackdAT** at www.trackdAT.org.



TRACKDAT

...is a collaborative effort aimed at advancing the application, engagement, and dissemination of acoustic telemetry (AT) research. **TrackdAT** hosts metadata from the thousands of peer-reviewed AT articles, providing users with the tools to visualize, filter, and download useful information about research conducted throughout the world.

OUR MISSION

TrackdAT evolved from the belief that a universal understanding of existing research is needed to optimize future work with real-world outcomes. Our mission is to foster scientific progress in the field of aquatic animal tracking by encouraging global mobilization of knowledge, promoting stakeholder interaction and engagement, increasing opportunities for collaboration, and bridging persistent knowledge-action gaps.

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2461

Analysed articles



614

Unique species



73

Countries



5177

Attributed authors

OUR TEAM



TrackdAT is made up of a small team of colleagues who see the value in the ever-growing field of movement ecology to understand and manage aquatic ecosystems facing critical threats caused mainly by humans. Our team consists of a diverse panel of international researchers with several decades of combined experience in tracking aquatic animals. We are dedicated to creating inclusive and accessible resources that optimize the future of AT research worldwide.



Jordan Matley



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HOW DOES IT WORK?

We search for peer-reviewed AT journal articles in Web of Science. Articles go through at least two quality control checks from database administrators. Metadata relating to publication details, study design, technology used, and animals tagged are extracted from each article. Additional fields are also filled using Fishbase (or SeaLifeBase) and the IUCN Red List. The result is a comprehensive database populated with practical information to help plan and design future work or evaluate and communicate existing work. For a comprehensive description of methods used in TrackdAT, see **Matley et al. 2024**.

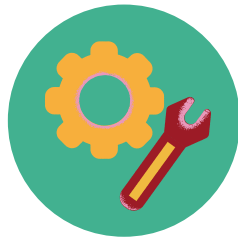
BENEFITS

- Conduct synthetic or review studies;
- Develop collaborations or improve networking;
- Identify current or ongoing gaps in research;
- A starting place to learn about AT and movement ecology;
- A citable resource that has already done the heavy lifting;
- Identify areas of expertise within the AT community;
- Support for funding or animal welfare applications;
- Stay up to date on new research and technology.

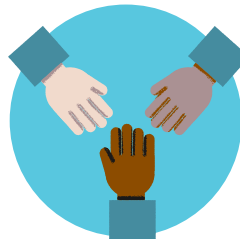
WHO CAN USE IT?



Researchers



Managers



Stakeholders



Universities



Governments

FUNDING

TrackdAT is supported by the Great Lakes Fishery Commission (GLFC) as part of the Technical Assistance for Fisheries Research grant.

FUTURE DIRECTIONS

We are always looking to expand **TrackdAT**! Our next effort will be to engage with acoustic telemetry networks to identify ways that **TrackdAT** articles can be linked to associated data repositories. Please contact us to discuss any other collaborative or supportive opportunities.

CONTACT US

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