

Dataset Release Agreement

ACommSet: Underwater Acoustic Communications Dataset Collection and Evaluation in at-Sea Field Experiments

Introduction:

To tackle the challenges of reliable acoustic communications in the underwater environment, this dataset, ACommSet, was compiled from at-sea experiments, analyzing underwater acoustic channels under various conditions. These experiments, conducted by researchers from Rutgers University and funded by associated scientific grants, aim to offer comprehensive insights into bandwidth limitations and time-varying channels in underwater acoustic communication. The dataset comprises data from different frequency bands, distances, and dynamic and static conditions, enriched with background noise assessments.

Release of the Dataset:

To propel forward research in underwater communications, ACommSet will be accessible globally. Researchers must apply for access by following the guidelines and conditions detailed at: <https://github.com/cpslab-rutgers/ACommSet.git>

Consent:

Researchers agree to adhere to the following conditions on ACommSet:

1. **Redistribution:** Redistribution of the dataset, in whole or in part, without explicit permission from the authors at Rutgers University is prohibited. This includes further distribution, publication, or dissemination outside the original terms of use.
2. **Modification and Commercial Use:** Modification or commercial use of the dataset, in whole or in part, is not allowed without prior approval from the authors.
3. **Requests for Access:** All access requests and inquiries should be directed to the designated contact at Rutgers University, as specified on the project page.
4. **Citation/Reference:** All documents and publications utilizing ACommSet must cite it as follows: “Underwater Acoustic Communications Dataset Collection and Evaluation in at-Sea Field Experiments,” presented at the 18th International Conference on Underwater Networks & Systems (WUWNet'24), October 2024.

Agreement Completion:

To request access to ACommSet, please complete the form linked above and include all required signatures and institutional endorsements.

Signature Line:

NAME (in capitals) _____

SIGNATURE _____ DATE _____

ORGANIZATION (in capitals) _____