

# Metadata

<b>Title</b>	Detection and tracking of belugas, kayaks and motorized boats in drone video using deep learning
	Abstract
<b>Publication general type</b>	journal article
<b>Project Name</b>	[941c8243-8acf-4a9e-af07-ded5acdc35f6]
<b>Keyword Vocabulary</b>	Polar Data Catalogue
<b>Keyword Vocabulary URL</b>	<a href="https://www.polardata.ca/pdcinput/public/keywordlibrary">https://www.polardata.ca/pdcinput/public/keywordlibrary</a>
<b>Theme</b>	
<b>Title</b>	Freshwater
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/group/freshwater">https://canwin-datahub.ad.umanitoba.ca/data/group/freshwater</a>
<b>Version</b>	1.0
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<http://orcid.org/>

**License Name** Creative Commons Attribution 4.0 International

**Licence Type** Open

CC-BY-4.0

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**Licence URL** <https://spdx.org/licenses>

**Awards**

**Related Resources**

**Language** English

# Data and Resources

<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/54b0d7a1-8536-4d40-b1bb-daad81805f43/resource/5bcbb0bc-425b-4fad-b7ff-4c8599043dcf/download/juvs-2021-0024.pdf">https://canwin-datahub.ad.umanitoba.ca/data/dataset/54b0d7a1-8536-4d40-b1bb-daad81805f43/resource/5bcbb0bc-425b-4fad-b7ff-4c8599043dcf/download/juvs-2021-0024.pdf</a>
<b>Name</b>	Detection and tracking of belugas, kayaks and motorized boats in drone video using deep learning
<b>Description</b>	Churchill Beluga Boat Drone Imagery related journal article published in Drone Systems and Applications. DOI: <a href="https://doi.org/10.1139/juvs-2021-0024">https://doi.org/10.1139/juvs-2021-0024</a>
<b>Format</b>	PDF
<b>Resource Category</b>	supplemental

  

<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/publication/beluga-graphic-novel/resource/58aed159-4a62-4c2b-9978-967ad5f356a6">https://canwin-datahub.ad.umanitoba.ca/data/publication/beluga-graphic-novel/resource/58aed159-4a62-4c2b-9978-967ad5f356a6</a>
<b>Name</b>	One Beluga, Two Beluga, Three Beluga, Four: How to Count Belugas When You Run Out of Fingers and Toes
<b>Description</b>	Researchers at CEOS are often asked to write a field story about their work, to make their research more accessible. We decided to do something a little different for our work on applying machine learning to detecting and tracking beluga whales: we are presenting it as a comic-book style video!
<b>Format</b>	
<b>Resource Category</b>	supplemental

## Related Datasets

<b>Title</b>	Churchill Beluga Boat Drone Imagery
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/churchill-beluga-boat-drone-imagery">https://canwin-datahub.ad.umanitoba.ca/data/dataset/churchill-beluga-boat-drone-imagery</a>