



Kinlan M.G. Jan

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🌐 KMGJan

Éducation

PhD en biologie marine

Stockholm University

Stockholm, Suède

Septembre 2021 — Présent

Titre préliminaire de thèse : *Implication of plankton-fish interactions and dynamics for the Baltic Sea food webs*

Date de défense prévue : *Janvier 2026*

MSc en biologie marine

Stockholm University

Stockholm, Suède

Août 2019 — Juin 2021

Titre de projet de Master : *Copepod feeding preferences along the Baltic Sea environmental gradients*

BSc en biologie

Université de Neuchâtel

Neuchâtel, Suisse

Septembre 2017 — Juin 2019

Enseignement

Stockholm University

Marine ecosystem dynamics, Niveau MSc

Marine ecology, Niveau BSc

Stockholm, Suède

2021 — 2025

2022

Université de Neuchâtel

Des molécules aux cellules, Niveau BSc

Neuchâtel, Suisse

2018 — 2019

Mandats de confiance

Président du conseil doctoral

2023

Vice-président du conseil doctoral

2022

Assistant technique lors des soutenances hybrides de doctorat

2022 — 2023

Prix et bourses

Elisabeth och Herman Rhodin Memorial Foundation

2024

Bourse de voyage

ICES travel funds for early career scientists

2024

Bourse de voyage

BalticWaters Scholarship program for early career researchers

2024

Competition between forage fish in the open waters of the Baltic Sea

Dryssen Award for best Master's Theses in Marine Sciences

2021

Copepod feeding preferences along the Baltic Sea environmental gradients - an assessment of zooplankton interactions using DNA metabarcoding

Expérience

Travail de terrain

Échantillonnage de poissons

Campagne sur les larves de hareng

2023 — 2024

Campagne acoustique sur le sprat en mer Baltique

2022 — 2023

Échantillonnage de plancton

Campagne de suivi en mer Baltique

Septembre 2020

Travail en laboratoire

Métabarcoding de l'ADN

Préparation de librairies | Extraction d'ADN | PCR | Électrophorèse sur gel

Identification du zooplancton

Microscopie

Publications

Jan KMG, Hentati-Sundberg J, Larson N, Winder M. 2025. *Limited resource use overlaps among small pelagic fish species in the central Baltic Sea*. ICES Journal of Marine Science. doi:10.1093/icesjms/fsaf12

Serandour B, Blenckner T, **Jan KMG**, Leroy B, Ramiro-Sánchez B, Campbell E, Winder M. 2024. *Projections of spatial distributions of suitable environmental conditions for key Baltic Sea zooplankton species*. Limnology and Oceanography **69**:12, 2801-2814. doi:10.1002/lno.12705

Jan KMG, Serandour B, Walve J, Winder M. 2024. *Plankton blooms over the annual cycle shape trophic interactions under climate change*. Limnology and Oceanography Letters **9**:3, 209-218. doi: 10.1002/lol2.10385

Novotny A, Serandour B, Kortsch S, Gauzens B, **Jan KMG**, Winder M. 2023. *DNA metabarcoding highlights cyanobacteria as the main source of primary production in a pelagic food web model*. Science advances **9**:17, eadg1096. doi: 10.1126/sciadv.adg1096

Serandour B, **Jan KMG**, Novotny A, Winder M. 2023. *Opportunistic vs selective feeding strategies of zooplankton under changing environmental conditions*. Journal of Plankton Research **45**:2, 389-403. doi: 10.1093/plankt/fbad007

Novotny A, **Jan KMG**, Dierking J, Winder M. 2022. *Niche partitioning between planktivorous fish in the pelagic Baltic Sea assessed by DNA metabarcoding, qPCR and microscopy*. Scientific Reports **12**, 10952. doi: 10.1038/s41598-022-15116-7

Conférences

Swedish Oikos Meeting 2025 | Présentation orale

Stockholm, Suède

Jan KMG, Hentati-Sundberg J, Larson N, Winder M. *Resource competition between small pelagic fish in the central Baltic Sea*.

Marine Research Days 2024 | Présentation orale

Kalmar, Suède

Jan KMG, Hentati-Sundberg J, Larson N, Winder M. *Are small pelagic fish competing for their resources in the central Baltic Sea?*.

ICES Annual Science Conference 2024 | Poster **Gateshead, Royaume-Uni**
Jan KMG, Hentati-Sundberg J, Larson N, Winder M. *Implication of resource competition for forage fish dynamics in the central Baltic Sea.*

Baltic Sea Science Congress 2023 | Présentation orale **Helsinki, Finlande**
Jan KMG, Serandour B, Walve J, Winder M. *Species-specific phenological responses to climate pose consequences for trophic coupling.*

ASLO Aquatic Sciences Meeting 2023 | Poster **Palma de Majorque, Espagne**
Jan KMG, Serandour B, Walve J, Winder M. *Species-specific phenological responses to climate pose consequences for higher trophic levels.*

Marine Research Days 2022 | Présentation orale **Stockholm, Suède**
Jan KMG, Serandour B, Winder M. *Coupling of plankton and small pelagic fish in the Baltic Sea.*

18th International Symposium on Microbial Ecology 2022 | Poster **Lausanne, Suisse**
Jan KMG, Novotny A, Dierking J, Winder M. *The role of eukaryotic microorganisms for niche partitioning of planktivorous fish.*

Marine Research Days 2021 | Présentation orale **Gothenburg, Suède**
Jan KMG. *Copepod feeding preferences along the Baltic Sea environmental gradients - an assessment of zooplankton interactions using DNA metabarcoding.*

Services académiques

Évaluations ponctuelles (reviews)

Limnology and Oceanography Letters
Molecular Ecology
Marine Ecology Progress Series