

Supporting Information for "Identifying Marine Sources of Beached Plastics Through a Bayesian Framework: Application to Southwest Netherlands"

Bram van Duinen¹, Mikael L. A. Kaandorp¹, Erik van Sebille¹

¹Institute for Marine and Atmospheric Research Utrecht, Utrecht University, Utrecht, The Netherlands

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1. Figures S1 to S4

Introduction

In this document, we provide four Figures to get a more detailed understanding of the framework presented in the main paper.

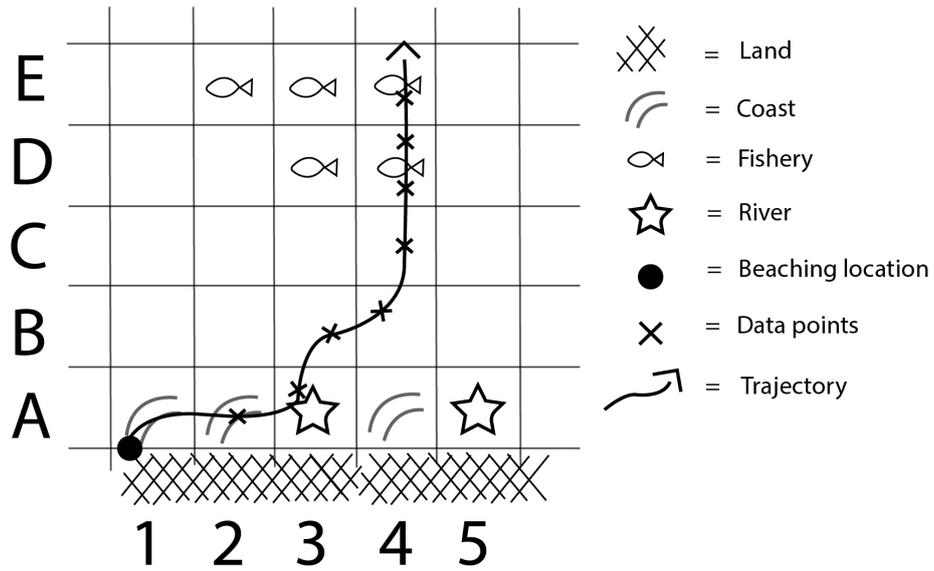


Figure S1. Schematic illustration of backtracking procedure for one particle.

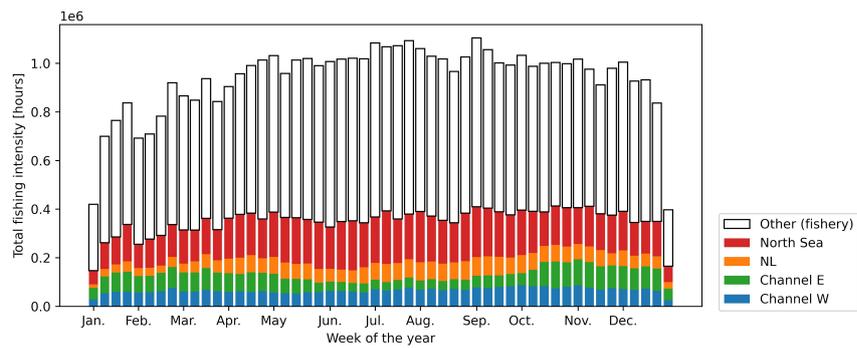


Figure S2. Total fishing intensity per fishery region shown as a function of week of the year.

This is the time-dependent prior $P(Source)$ for fishery sources.

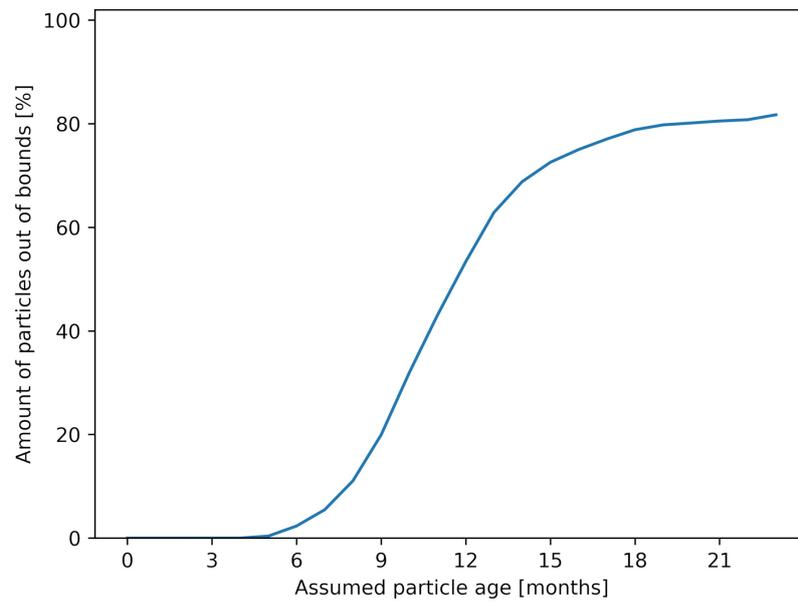


Figure S3. Percentage of particles out of bounds as a function of particle age.

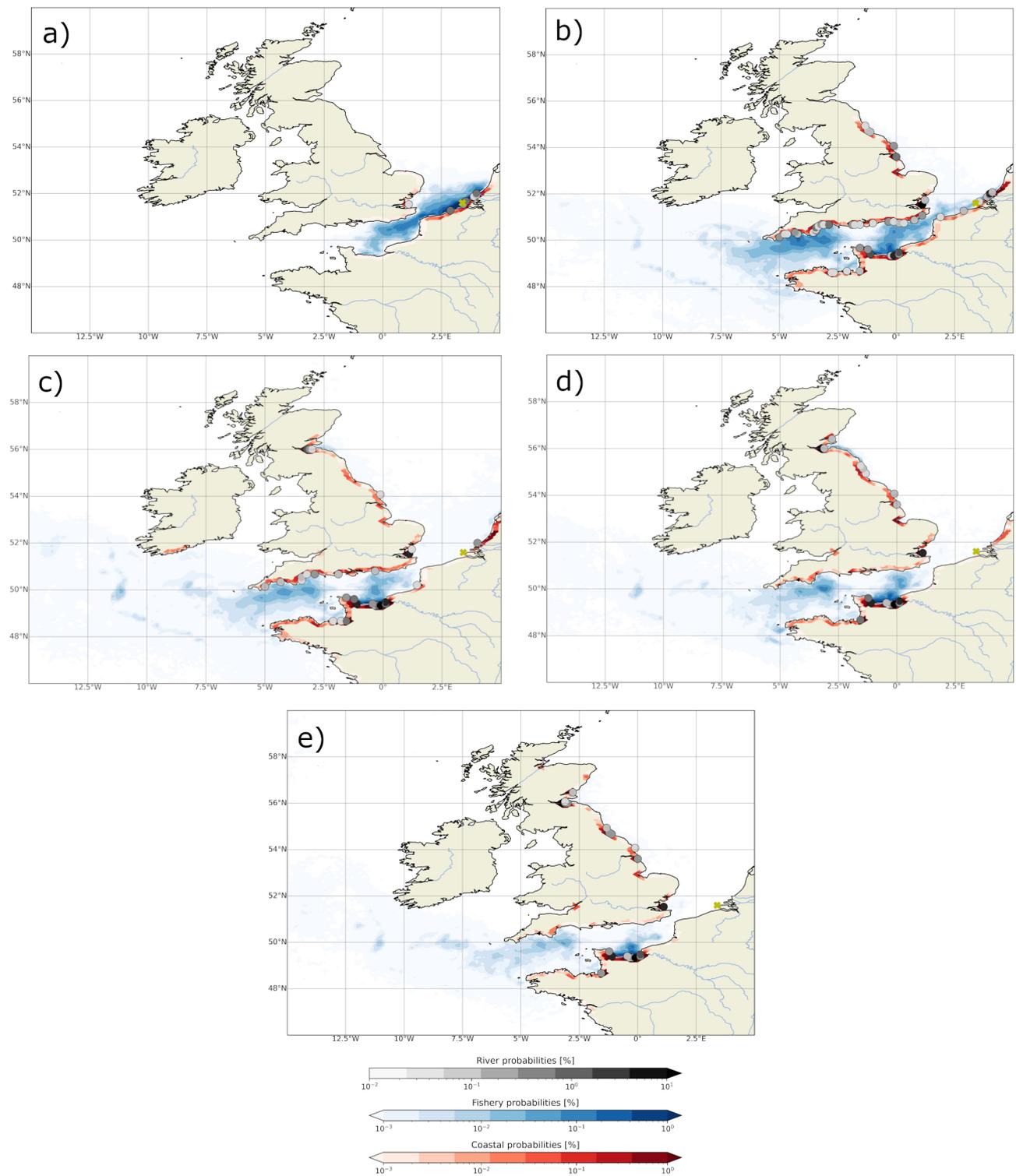


Figure S4. Source probability for different particle ages. a) age = 0-1 month, b) age = 5-6 months, c) age = 11-12 months, d) age = 17-18 months, e) age = 23-24 months.

September 2, 2021, 2:42pm