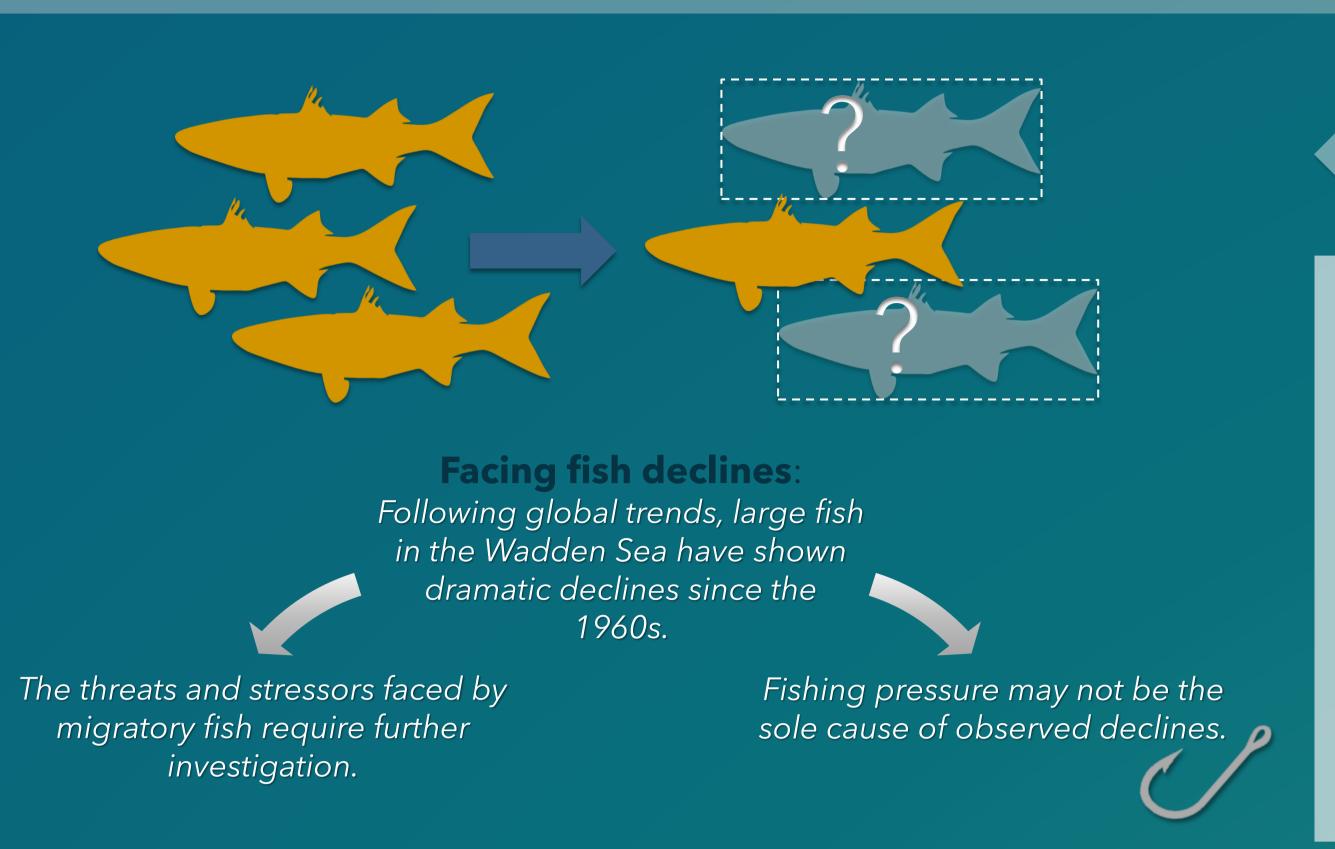


Swimways - Linking movement ecology and fish conservation in the Wadden Sea

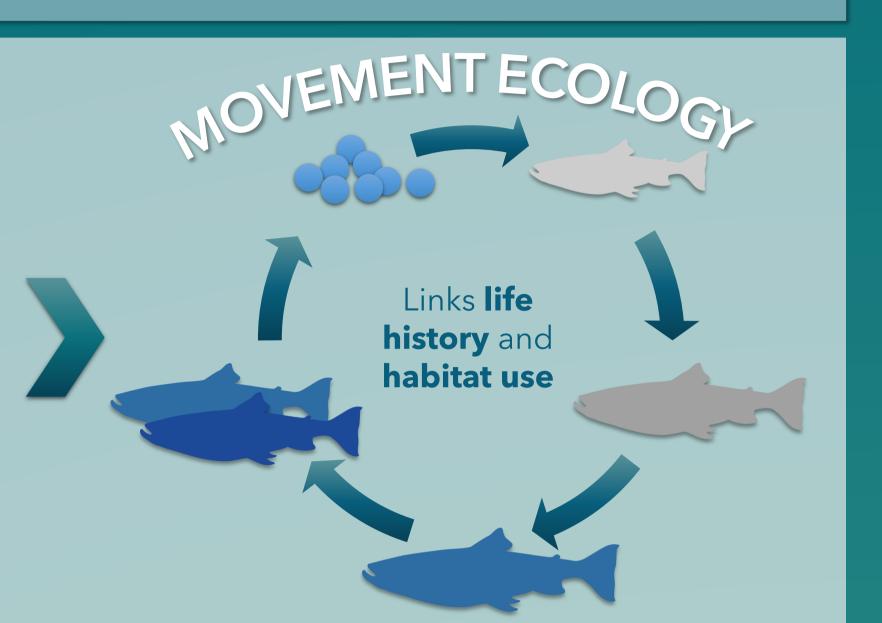
Jena Edwards* (NIOZ Royal Netherlands Institute for Sea Research), Tom Buijse (Wageningen University & Research), Erwin Winter (Wageningen Marine Research), & Allert Bijleveld (NIOZ Royal Netherlands Institute for Sea Research)



PROBLEM SOLUTION

Fish populations are declining at a

Our understanding of fish life histories, movement behaviours, and habitat use is insufficient to determine causes and create management solutions.



CASE STUDY



ORAGING

GROUND

MGRATION

CORRIDOR

THE WADDEN SEA

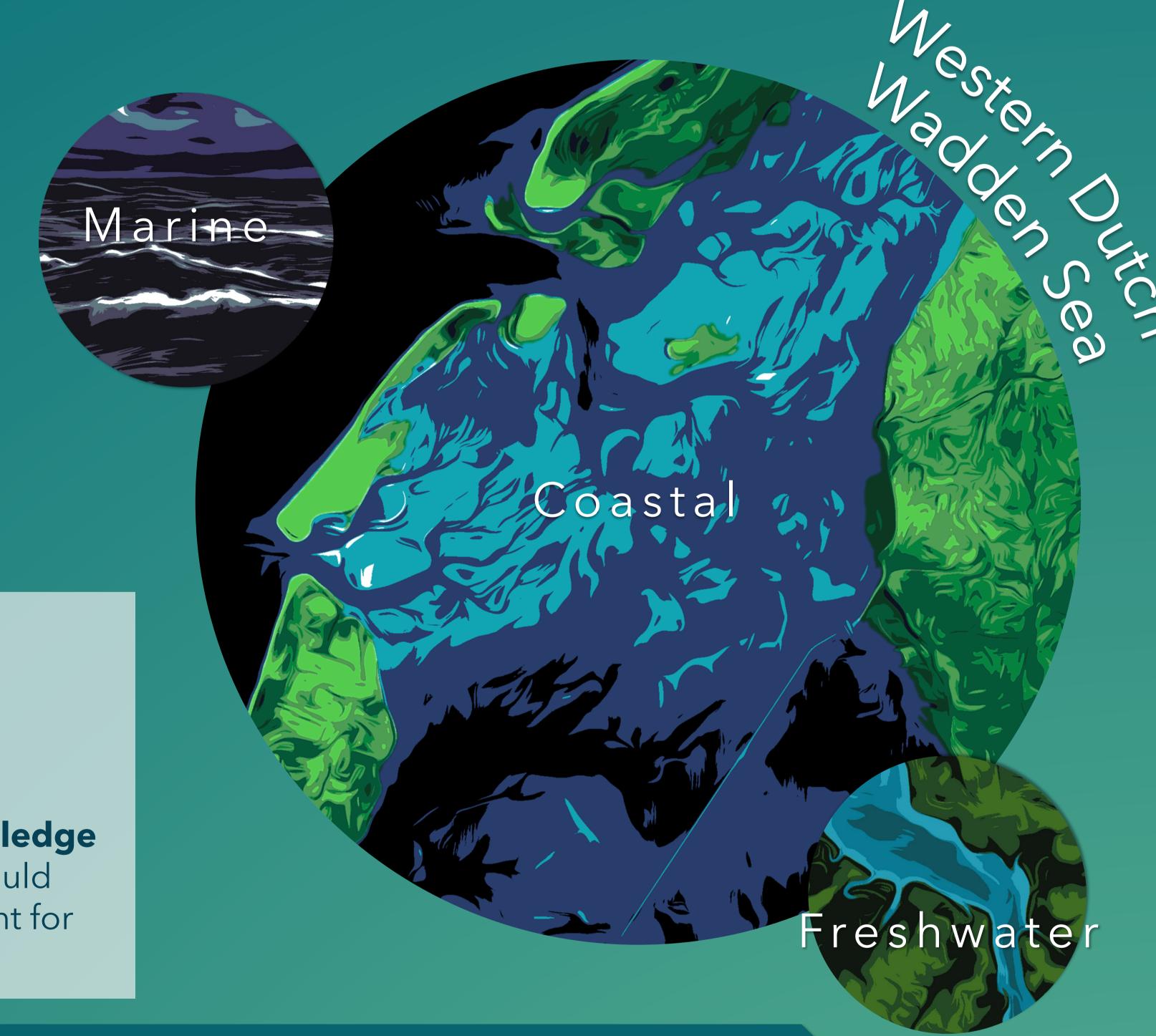
Houses over 160 fish species.

But how do fish **use** this coastal habitat?

It plays many important roles in fish life cycles.

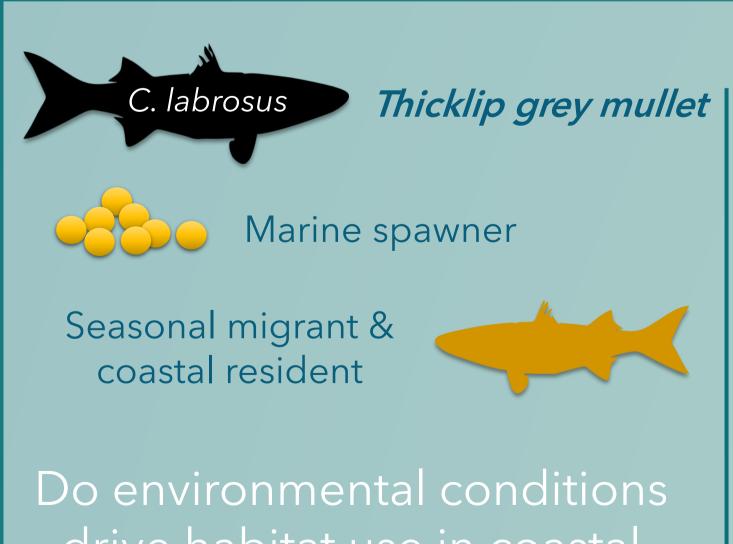
> Little is known about the migratory behaviours and habitat use of large fish in the Wadden Sea.

> > Reviewing global knowledge of fish movement could provide valuable insight for future studies

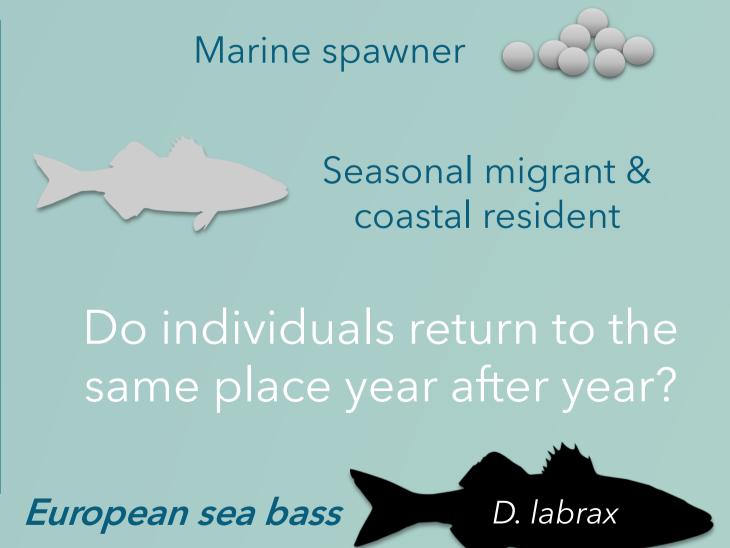


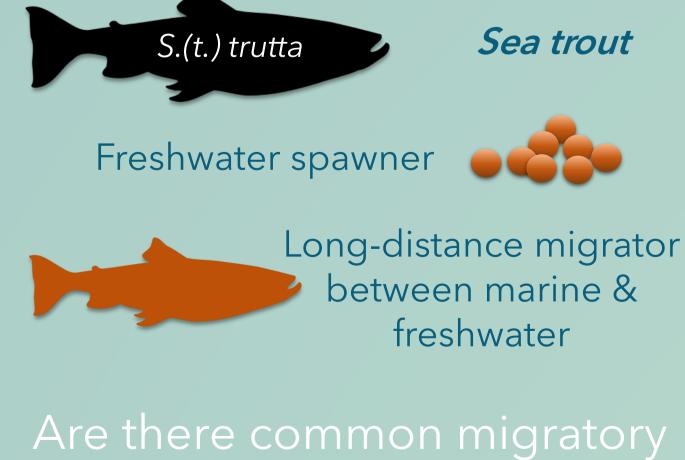
RESULTS

UNDERSTANDING MOVEMENT USING FOUR EXAMPLE SPECIES

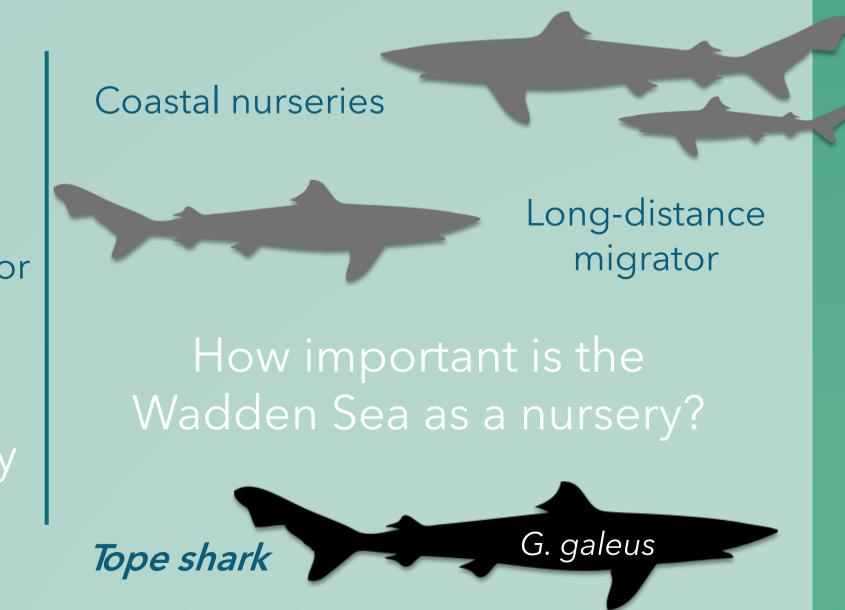














Global literature on fish movement highlights which questions have yet to be answered.

Telemetry studies will now help us answer those questions.



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FUTURE WORK