



Bound Together or Falling Apart? Foraging Association in Red Knots

Pratik R Gupte^{1,2}, Selin Ersoy^{1,2} & Allert I Bijleveld²

1 Groningen Institute for Evolutionary Life Sciences, University of Groningen, 2 Department of Coastal Systems, Netherlands Institute for Sea Research || Contact: p.r.gupte@rug.nl, @pratikunterwegs

Background

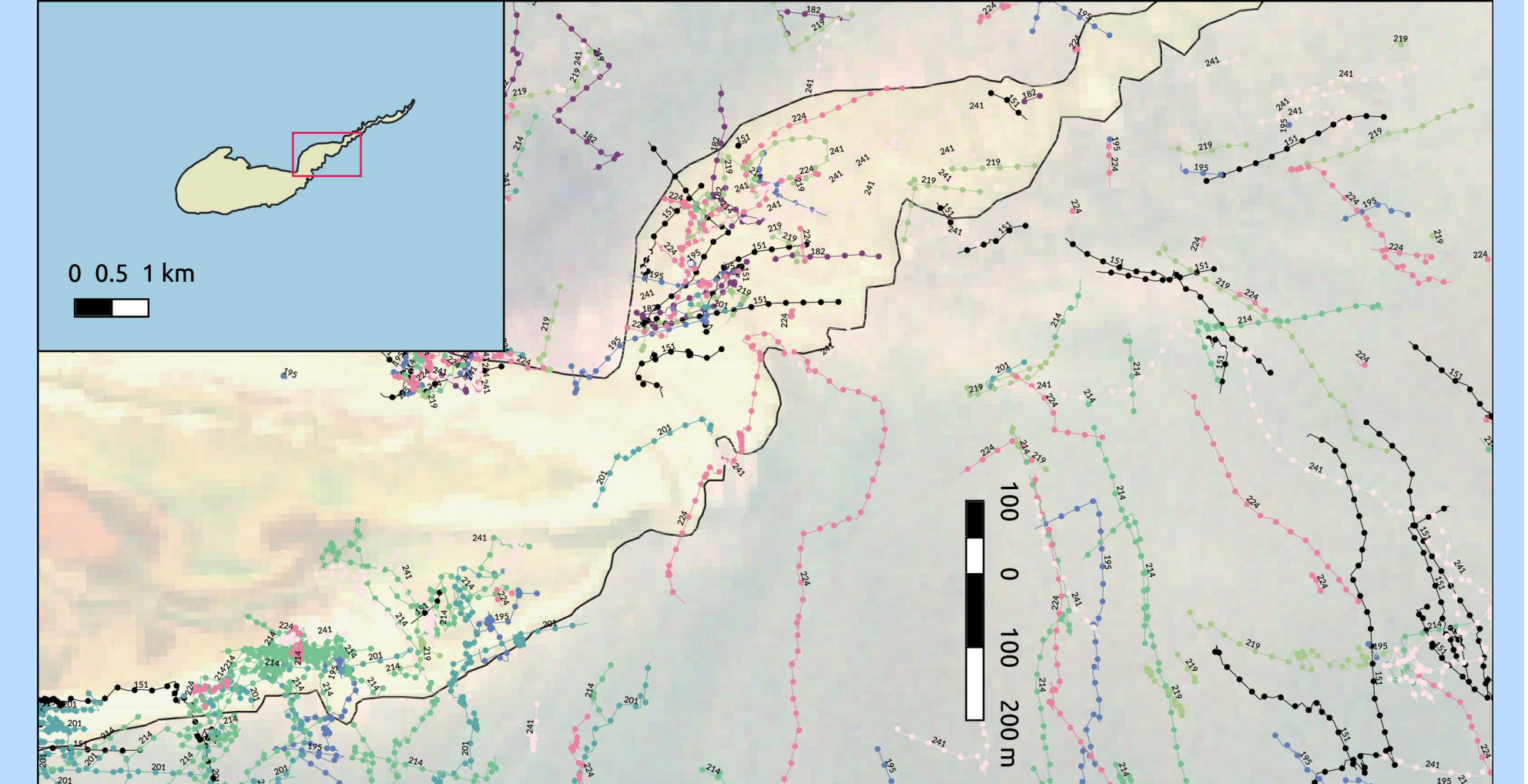
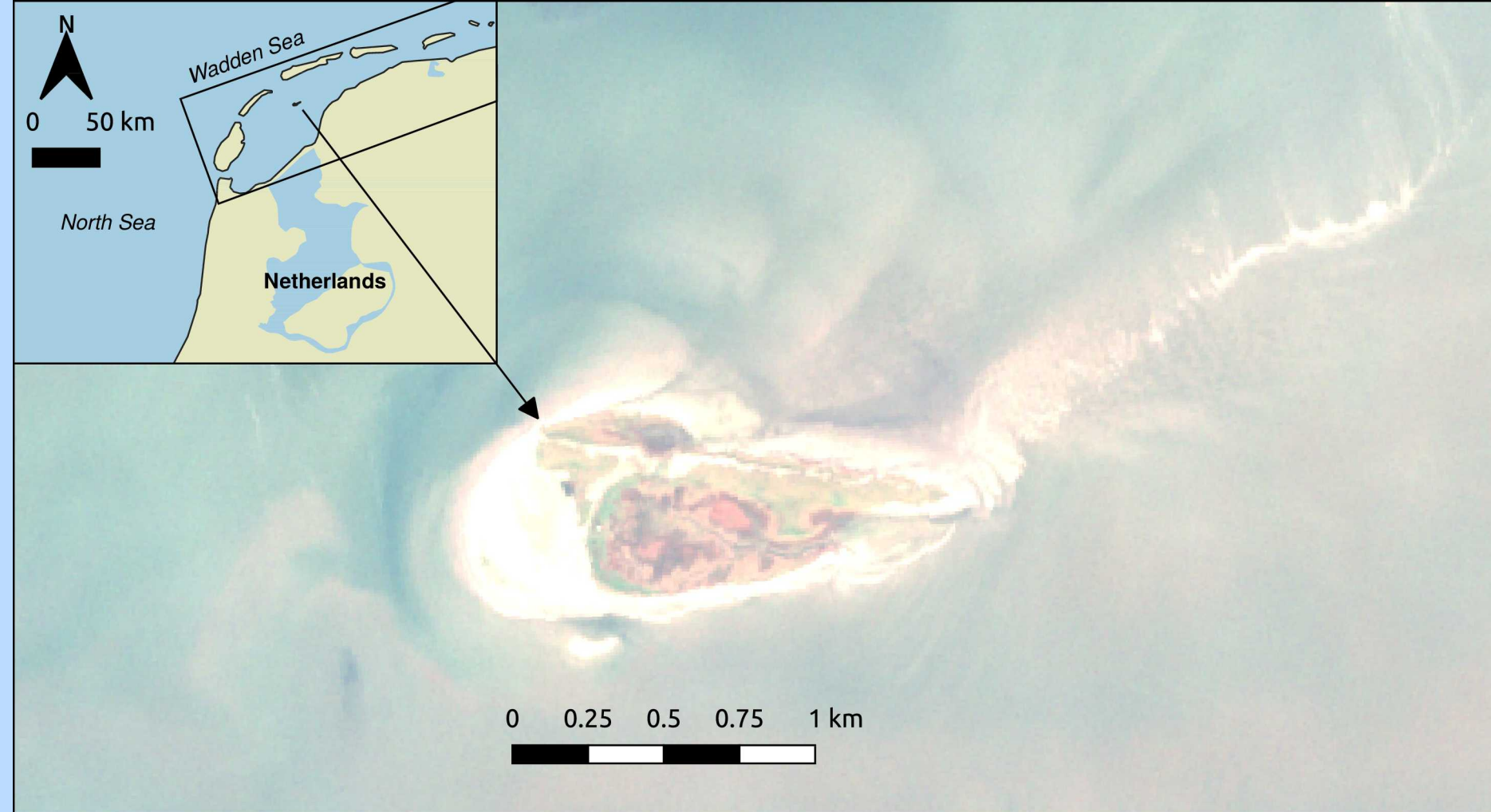
1 Waders such as red knots (*Calidris canutus*) gather in large non-breeding flocks in the Wadden Sea, where they forage on intertidal mudflats

2 Waders are highly social, but they have no 'friends' — no consistent non-random association between individuals (cite, cite)

3 ATLAS allows high frequency tracking of multiple knots, and calculation of pair-wise 'coherence' (cite)

a

b



^aRed knot — ^bWadden Sea mudflats

^cStudy site — ^dIsland & mudflats, Griend

^eTracking tower positions — ^fKnot positions

