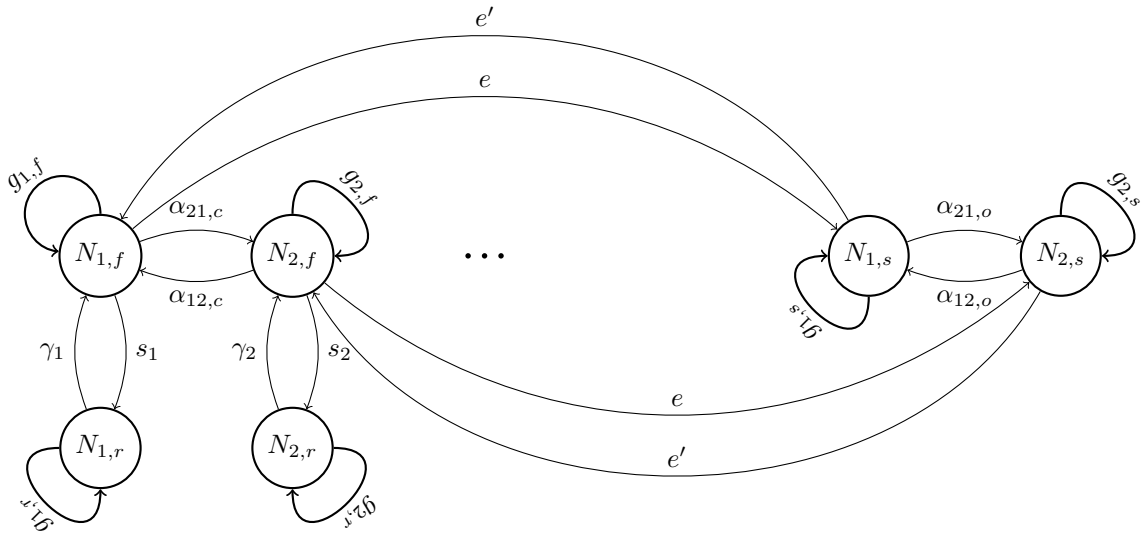
Parameter	Description	Value
$N_{i,.}$	Abundance or biomass (?) of species i. Either free-floating (f), resting (r) or at sea (s)	NA
$\alpha_{ij,c}$, $\alpha_{ij,o}$	Interaction effect of species j on species i, with $\alpha_{..,c} \ll \alpha_{..,o}$	
$g_{i,.}$	growth function of species i	
$r_{i,.}$	growth rate of species i	
γ_i	germination and resuspension rate of species i	
s_i	seed production and sedimentation rate of species i	
e, e'	exchange rate between coast and ocean	

Table 1: Summary of parameters

For now, we assume there is no reproduction.



We have $g_i(N_{i,.}) = \frac{e^{r_{i,.}} N_{i,.}}{1+\sum_j \alpha_{ij} N_{j,.}}$ where $r_{i,.}$ is the growth rate and α_{ij} is the effect of species j on species i.