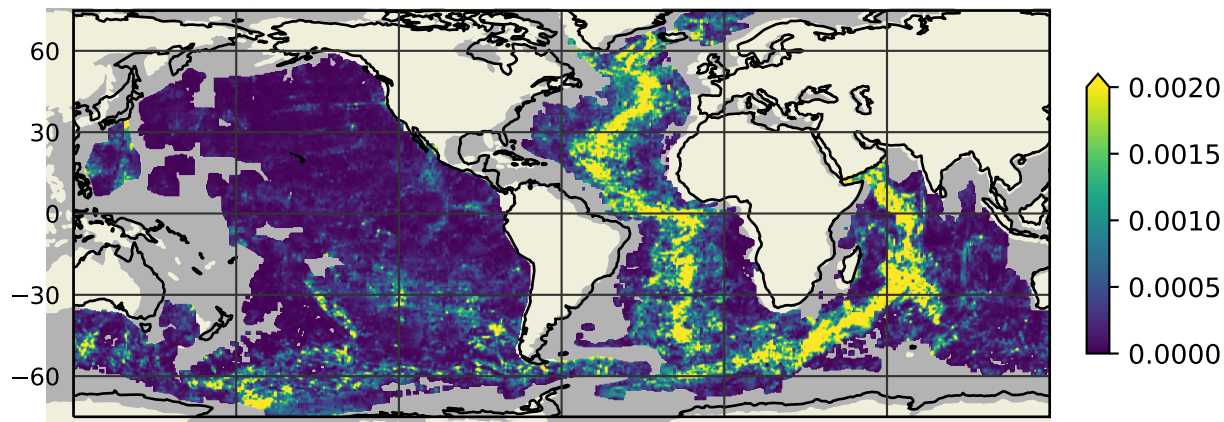
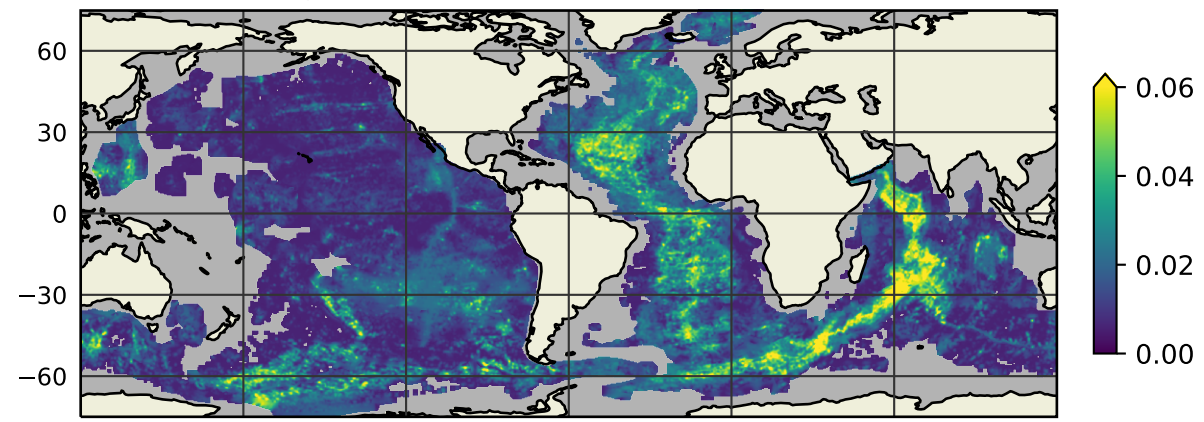


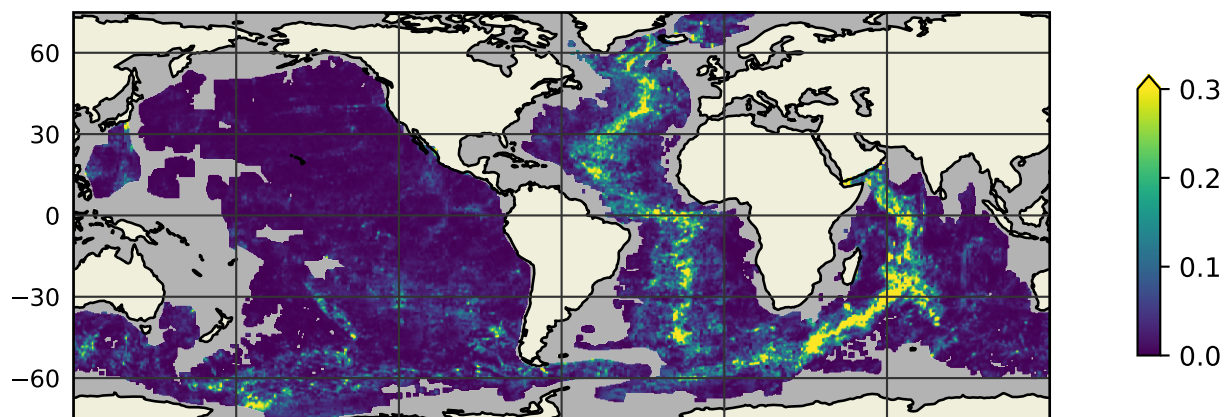
a) Linear drag co-efficient



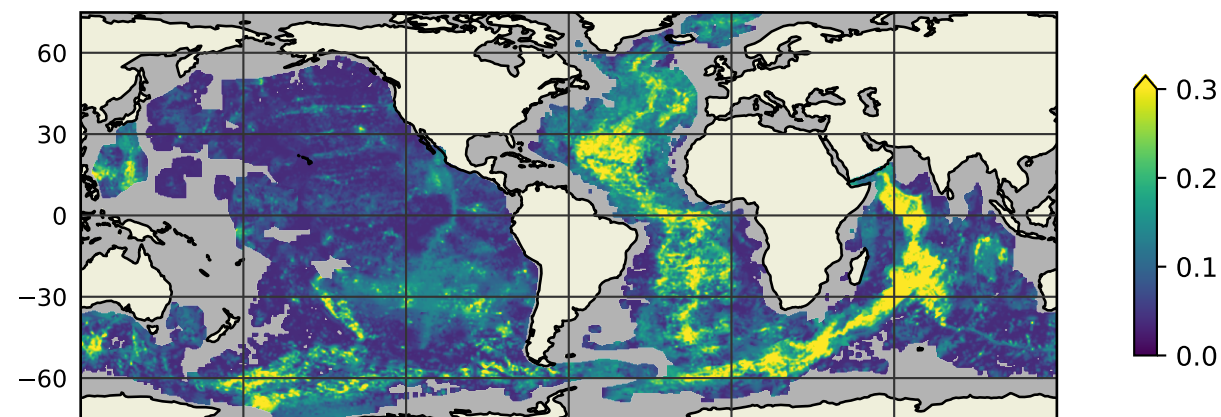
b) Quadratic drag co-efficient



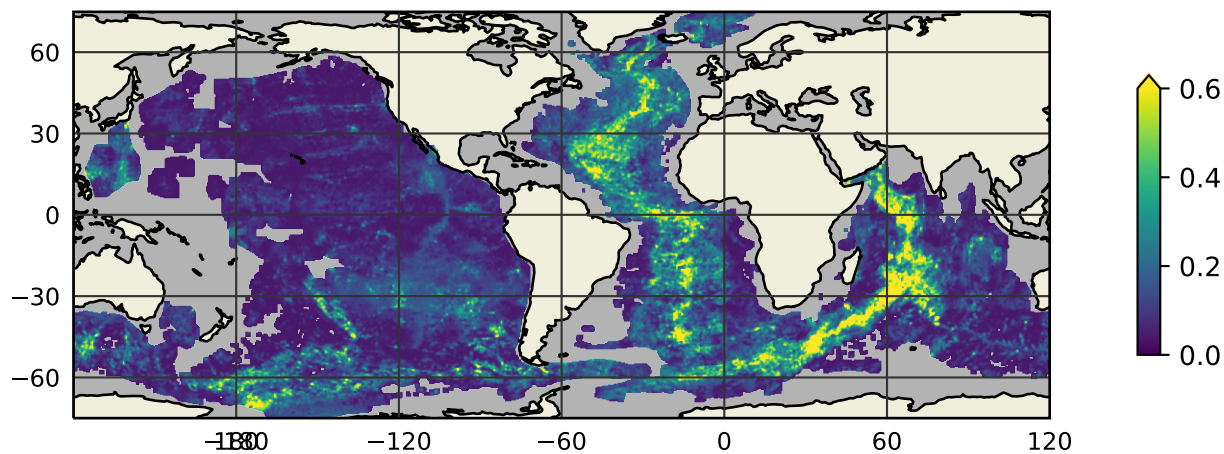
d) Linear drag [N/m^2]: $u_E = 0.08$ m/s



e) Quadratic drag [N/m^2]: $u_E = 0.08$ m/s



c) Total drag [N/m^2]: $u_E = 0.08$ m/s



f) Linear / (Linear + Quadratic)

