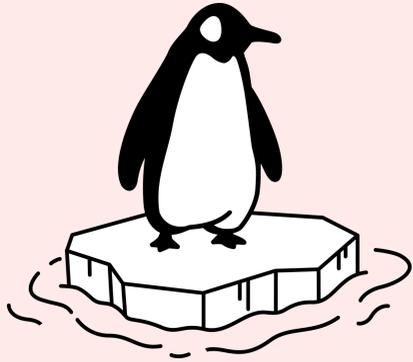
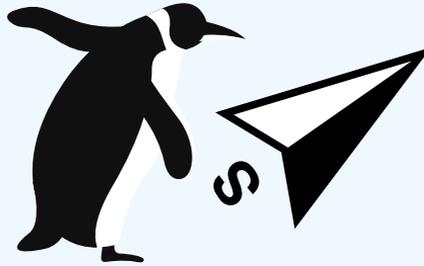


Future outlook for Antarctic and sub-Antarctic penguins



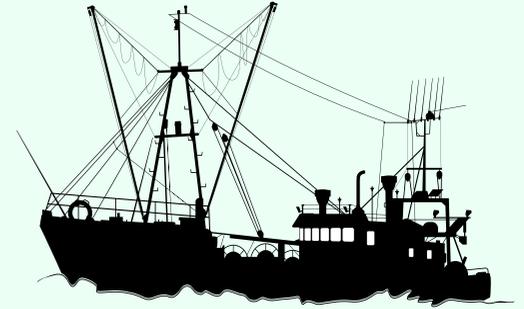
ice-dependent species

Emperor, Adélie (northern Peninsula) → “High risk from sea-ice loss”



range shifts

Gentoo, King → “Range expanding southward”



fisheries overlap

Macaroni, Rockhopper → “Competition with fisheries”

