

Figure 9.1 Impact pathways of rising CO₂ on social, ecological and health outcomes. Pathways include plant fertilization, ocean acidification and a warming atmosphere. The latter has a direct and indirect (via oceanic warming) impact on our climate. Both atmospheric and ocean warming impact on sea levels through thermal expansion of the seas, destabilization of coastal land ice, and melting of land ice and snow.

Hannah Nissan, Madeleine C. Thomson, Simon J. Mason, Ángel G. Muñoz. Chapter 9: Climate information for adaptation: from years to decades (2019) In "Climate Information for Public Health Action", Eds. Thomson, M.C. & Mason, S.J. Routledge, London, UK