Section 5: Climate change and communities, habitats, and ecosystems

5.1 Introduction

5.2 Biome shifts

5.3 Tropical ecosystem changes: cloud forests

5.4 Temperate ecosystems

* 5.4.1 shifts in tree species ranges
* 5.4.2 disturbances to increase
  + 5.4.2.1 fires
  + 5.4.2.2 bark beetle outbreaks
  + 5.4.2.3 drought-induced effects on plants

5.5 Glacier- and snowpack-dependent ecosystems

5.6 Other CC effects on freshwater ecosystems

5.7 Marine ecosystems

* 5.7.1 ocean warming
* 5.7.2 ocean acidification