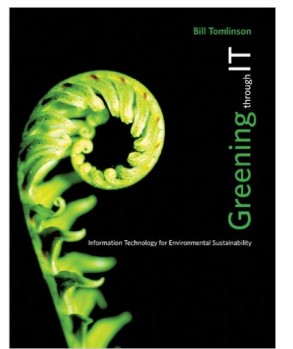


Chapter 2

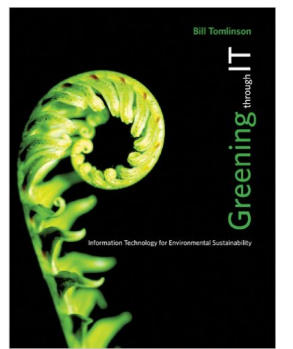
# Environmental Horizons

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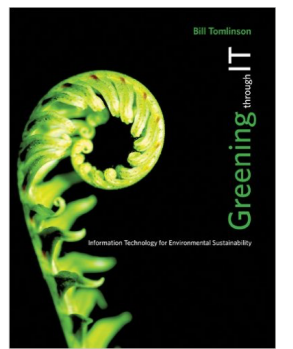


“Unmitigated climate change would, in the long term, be likely to exceed the capacity of natural, managed and human systems to adapt”.

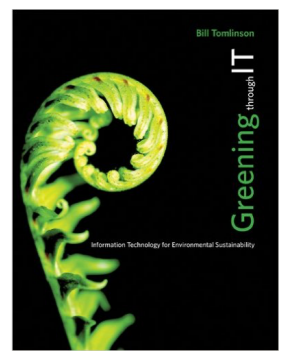
–IPCC, 2007



- i. Population growth
- ii. Resource consumption
  - ii.i. Space
  - ii.ii. Energy
  - ii.iii. Raw material
- iii. Waste production and disposal
  - iii.i. Human waste



- iii. Waste production and disposal (cont.)
  - iii.ii. Material waste
  - iii.iii. Energetic waste (heat)
  - iii.iv. Effects on other species
  - iii.v. Symbios and monocultures
- iv. Species extinction
- v. Global climate disruption



## The unfortunate possibility of mass extinction

1. Doomsday scenario
2. Best-case scenario

1. Is any concern population growth/resource consumption/waste production/species extinction/global climate disruption more critical than the rest?
2. On which concern population growth/resource consumption/waste production/species extinction/global climate disruption could information technology help more?
3. Which prophecy of scenarios seems more likely to become reality?

