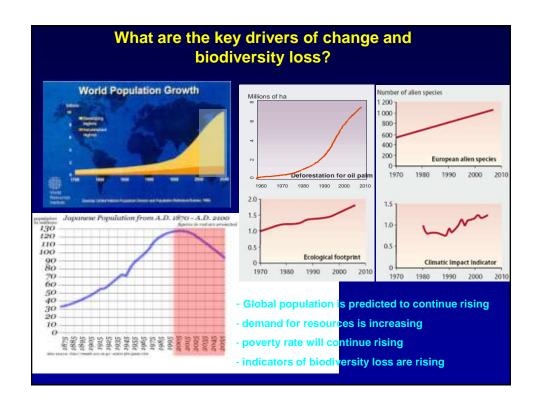
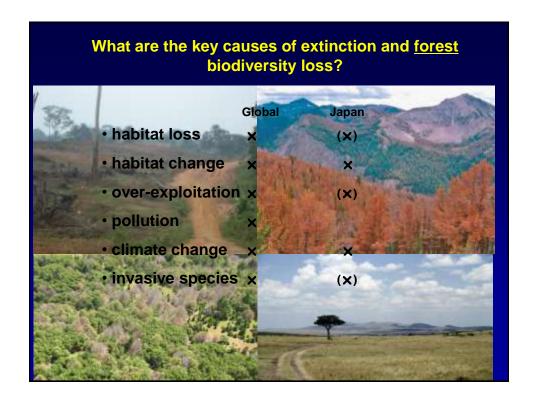


Global Biodiversity Outlook 3

- The 2010 Biodiversity Target has not been met
 - No sub-target completely achieved
 - Most indicators are negative
 - No government (i.e., Party) has claimed success
 Direct pressures constant or increasing
- Projections show continuing and accelerating extinctions, habitat loss, changes in distribution and declining abundance of biodiversity
- High risk of dramatic biodiversity loss and degradation of services as we approach thresholds
- Loss is preventable and even reversible with strong, urgent action (d) 2010





We are still losing forests

- although the rate of net loss has slowed (now 7 million ha/yr), the actual amount of deforestation has not declined
- we still lose about 13 million ha of forest each year (FAO)
- global loss of 40 million ha of primary forest since 2000
- degraded forests may be at least equivalent to loss (e.g., Foley et al. 2007)





Why are we still losing forests?

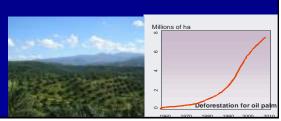
• the causes have not changed for more than a decade:

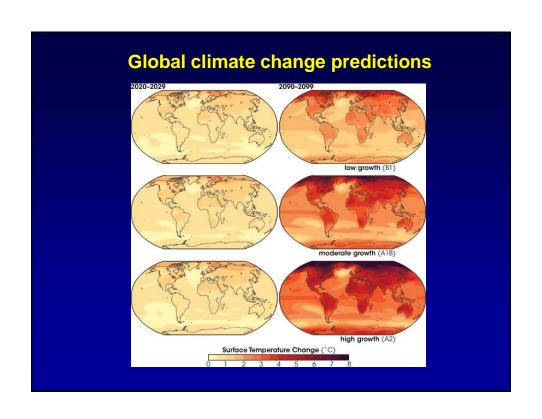


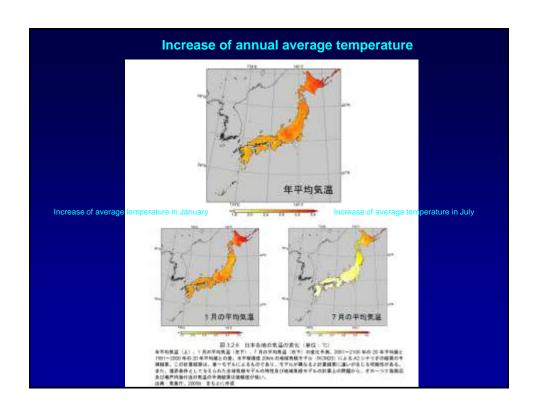
- clearing for oil palm plantation
- clearing for cultivation and settlement
- clearing for ranching and agriculture

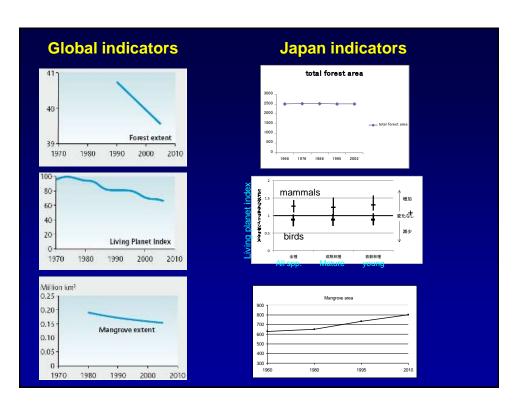


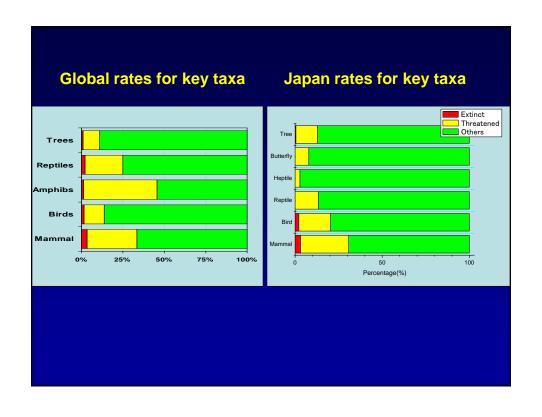
- Population growth and reliance on resources
- · Lack of adequate tenure and access rights
- Inappropriate valuation of forest resources
- Poor land planning
- Poverty

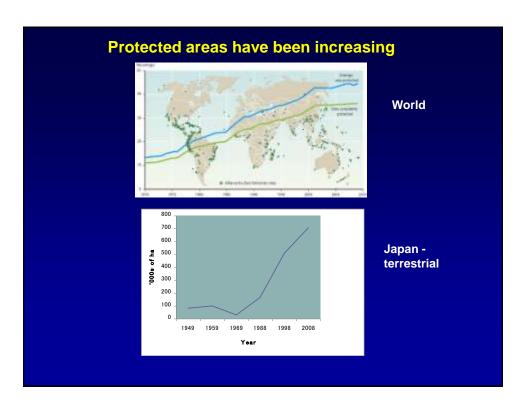


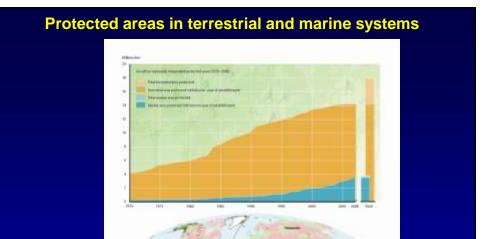












Where protected areas are by region and biome

Conclusions

- global biodiversity continues to be lost
- the drivers are the same but their magnitudes differ depending on circumstance
- climate change will become more important in the future
- Japan has clearly lost forest biodiversity prior to 1950
- Japan continues to make efforts to understand and conserve its forest biodiversity