

Managing biodiversity resources for addressing climate change impacts

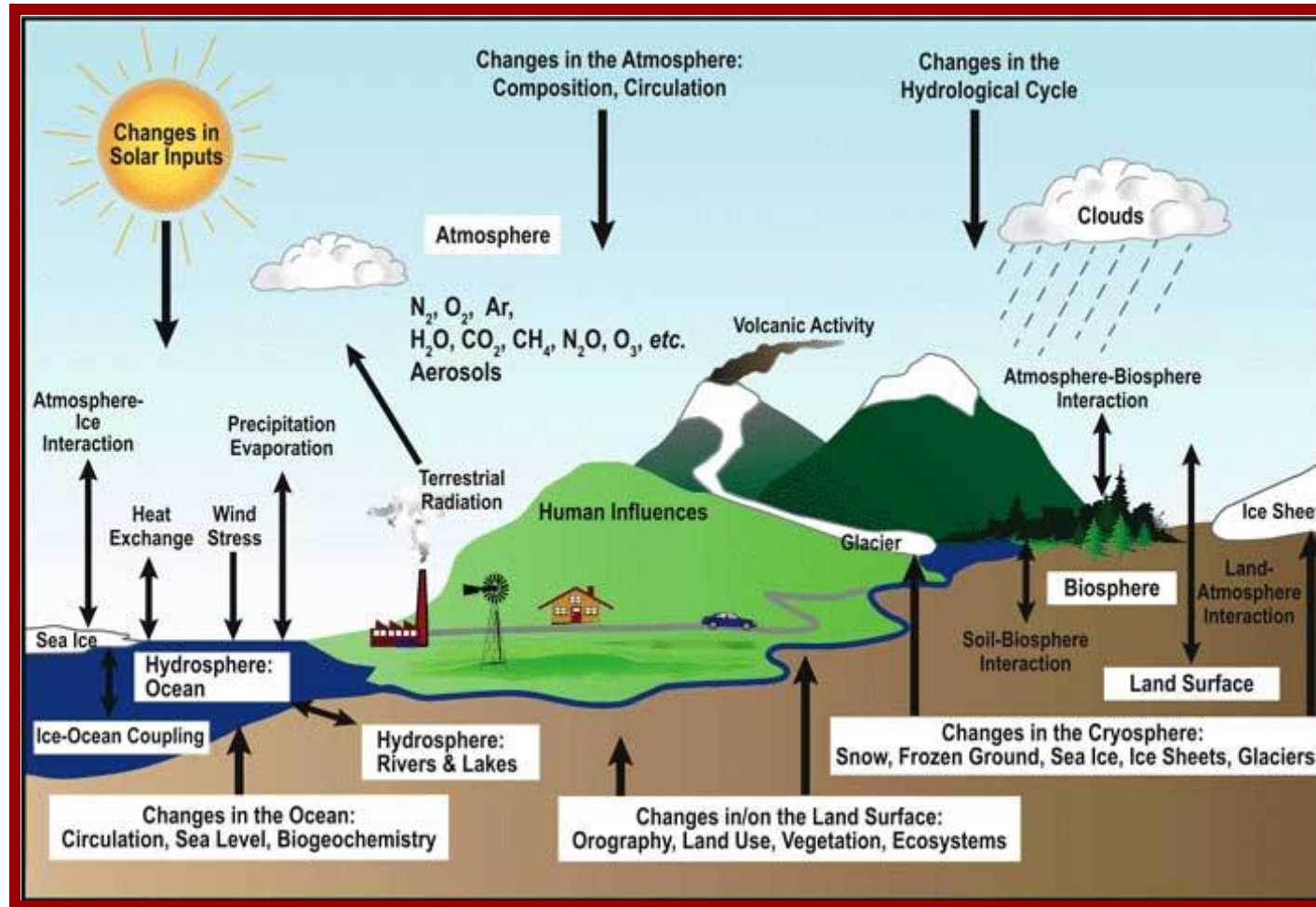
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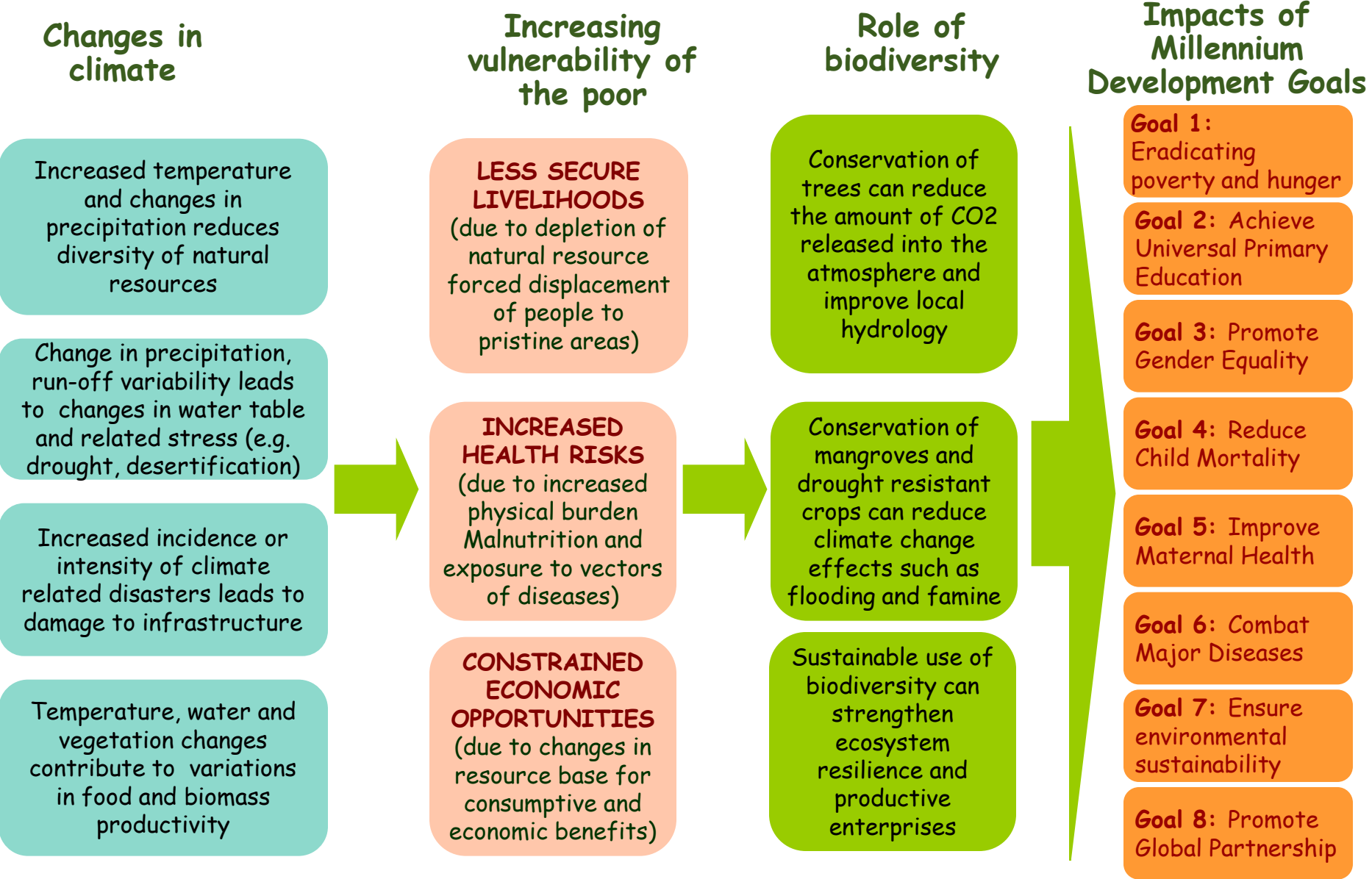
Wildlife Institute of India, Dehradun

Climate change

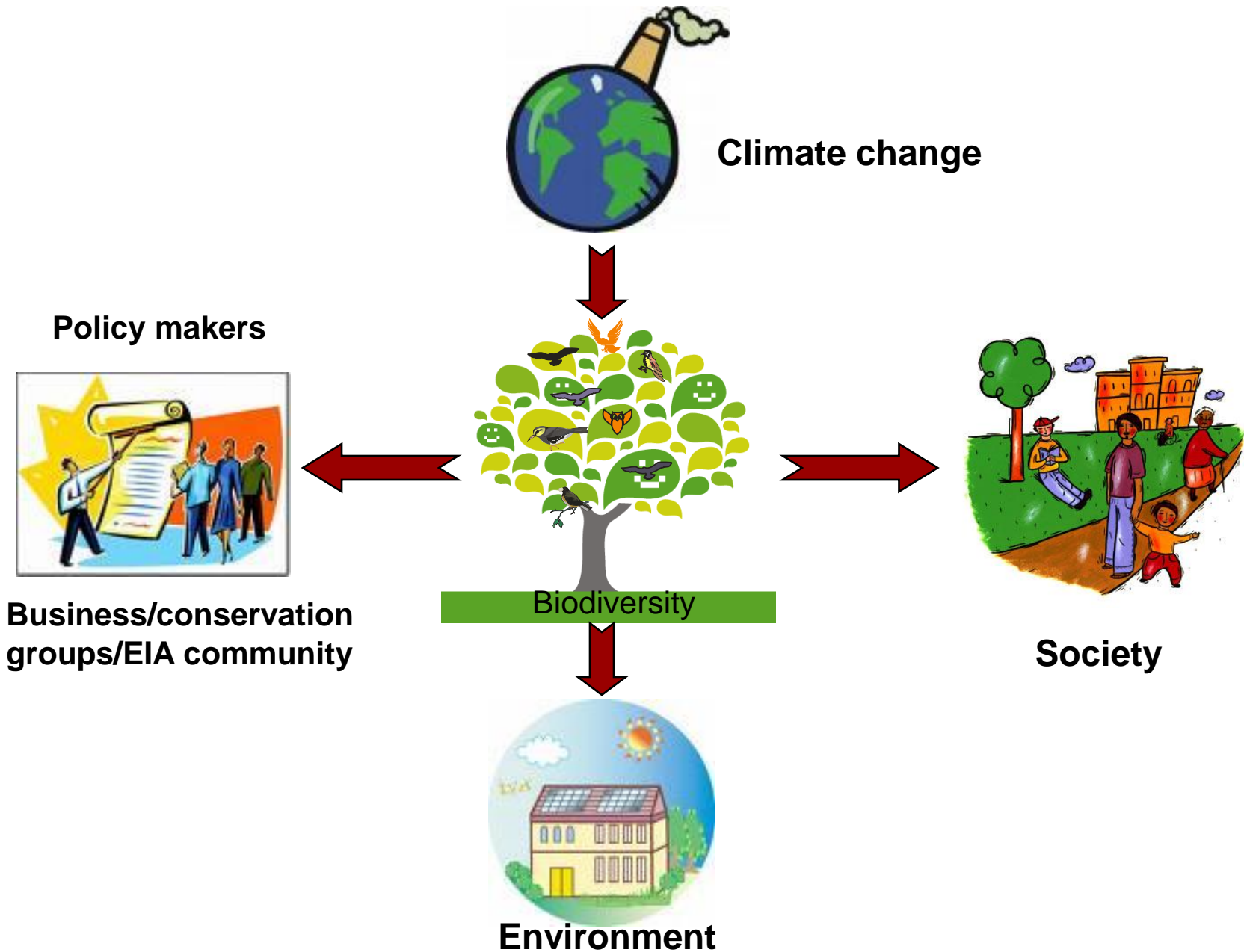


A schematic view of many of the processes and interactions in the global climate system (From Le Treut et al., 2007).

Links between climate change and MDGs: The role of biodiversity

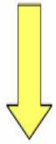


Receptors and actors

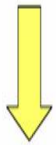


Key issues

Climate change



Biodiversity



Impact
(effect)



Has climate change already affected some ecosystem goods and services?

Will future climate change have an even greater impact on ecosystems?

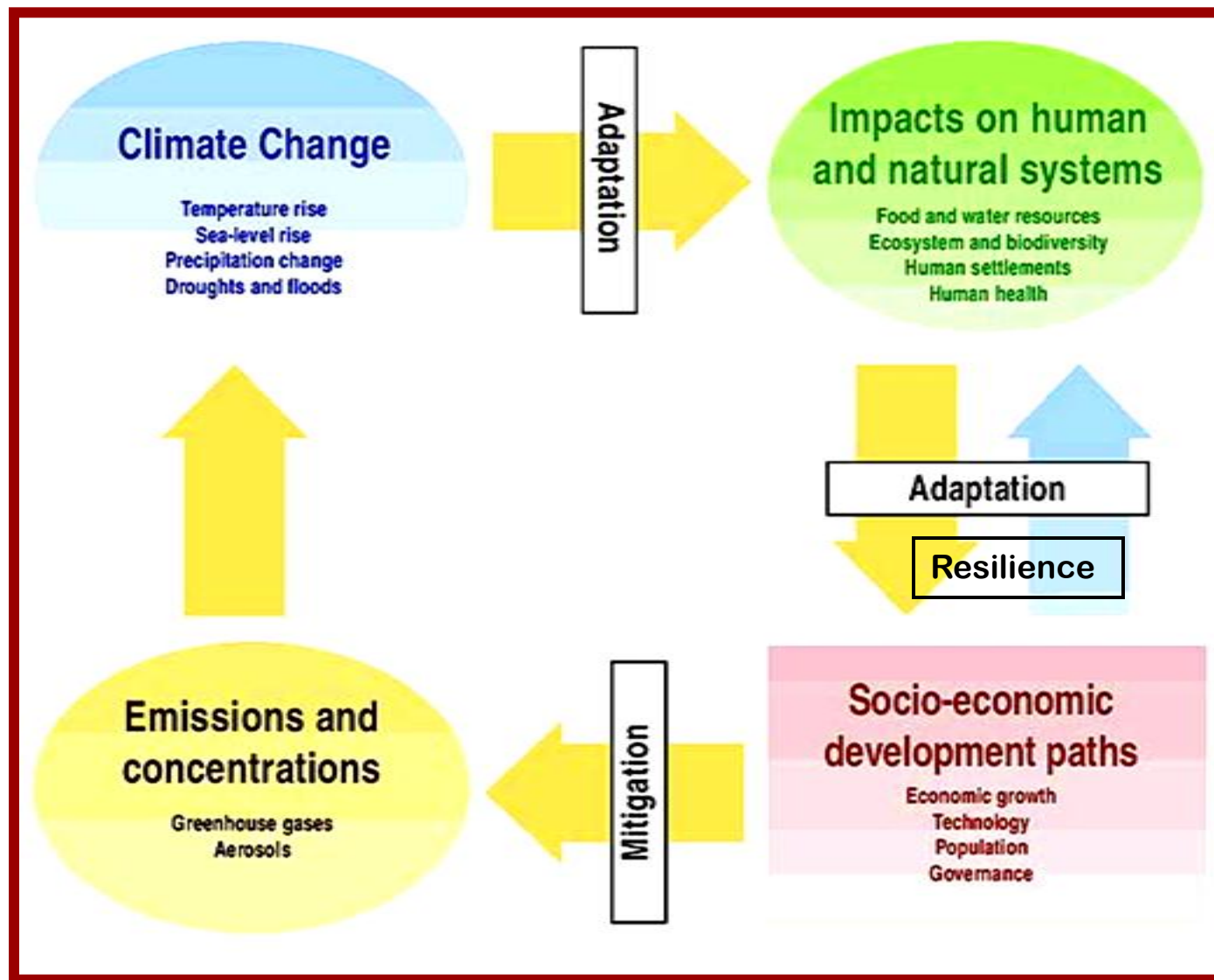
What ecosystems are most likely to be affected?

What are some options for protecting our ecosystems?

The role of business community and EA professionals

Working together for:

Reviewing the strategies for promoting **adaptions** of natural forms, building **resilience** of ecosystems and developing appropriate **mitigation** measures for countering and addressing climate change



Source: IPCC-TAR, Synthesis Report (2001)

Some points for discussion

- If climate change is an issue of concern? **where to target further analyses**
- Can we better understand the vulnerability of a system to climate change? **where to target resources for adaptation**
- Are there win-win opportunities for increasing resilience to both climate variability and climate change? **How to increase net benefits of actions to increase resilience to current conditions; insurance for future**
- Are there actions that will foreclose future options? **What flexible policy options are available**
- Can we identify potential maladaptive practices? **How to Avoid unintended undesired effects**