

# Ecosystem-based Adaptation in Marine and Coastal Areas



# The climate hijack?

GEO4: Environmental decline goes way beyond Climate change

climate change is quite convenient for politicians both at a popular level but also at a political level

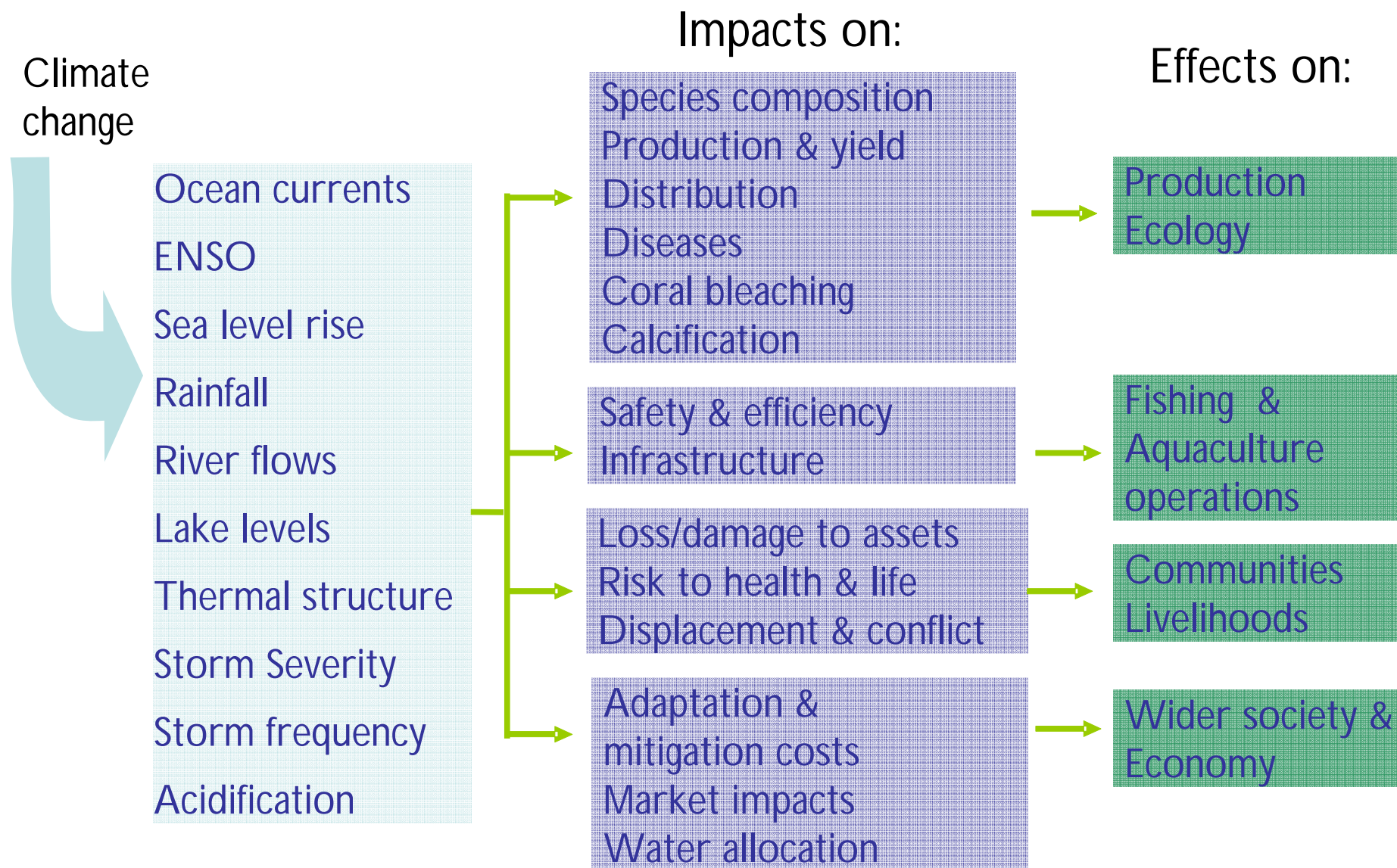
a long-term issue - so decisive action is always posited for some time in the future, at a time that can always be made yet more distant

someone else can always be blamed: EU used to blame the US, the US would blame China and India, and developing countries would blame the entire developed west.

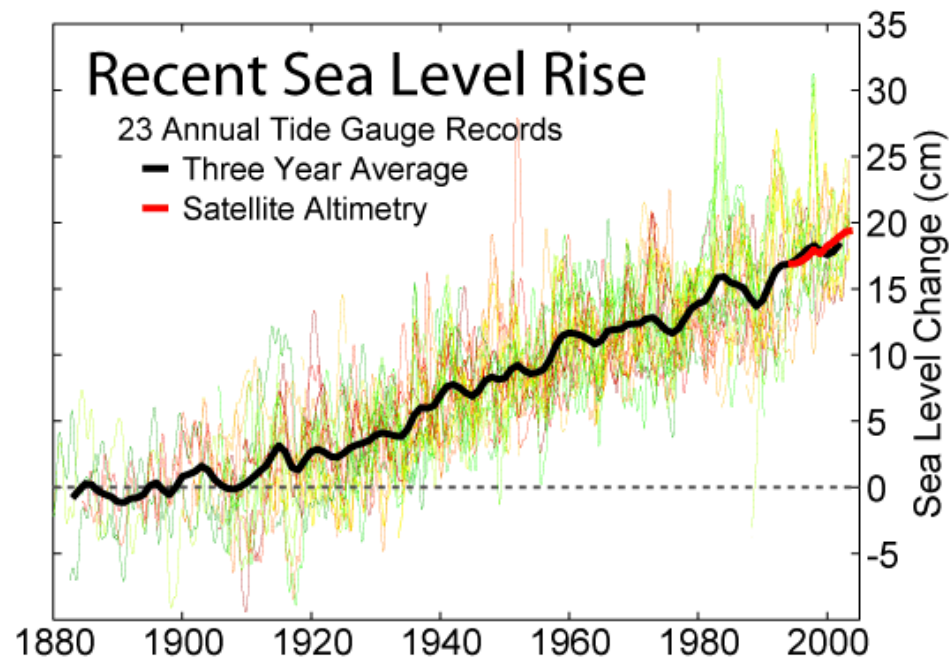
"it's very easy to pass responsibility for failure somewhere else... and in the process of doing that, one is able to keep one's own credibility and record, with the appearance of being much more progressive and constructive."

Certainly more convenient than tackling the issues that underpin everything else, the size of the human population and our unsustainable consumption of the Earth's resources.

# Climate change a threat



# Since IPCC...Scale of impacts is worsening

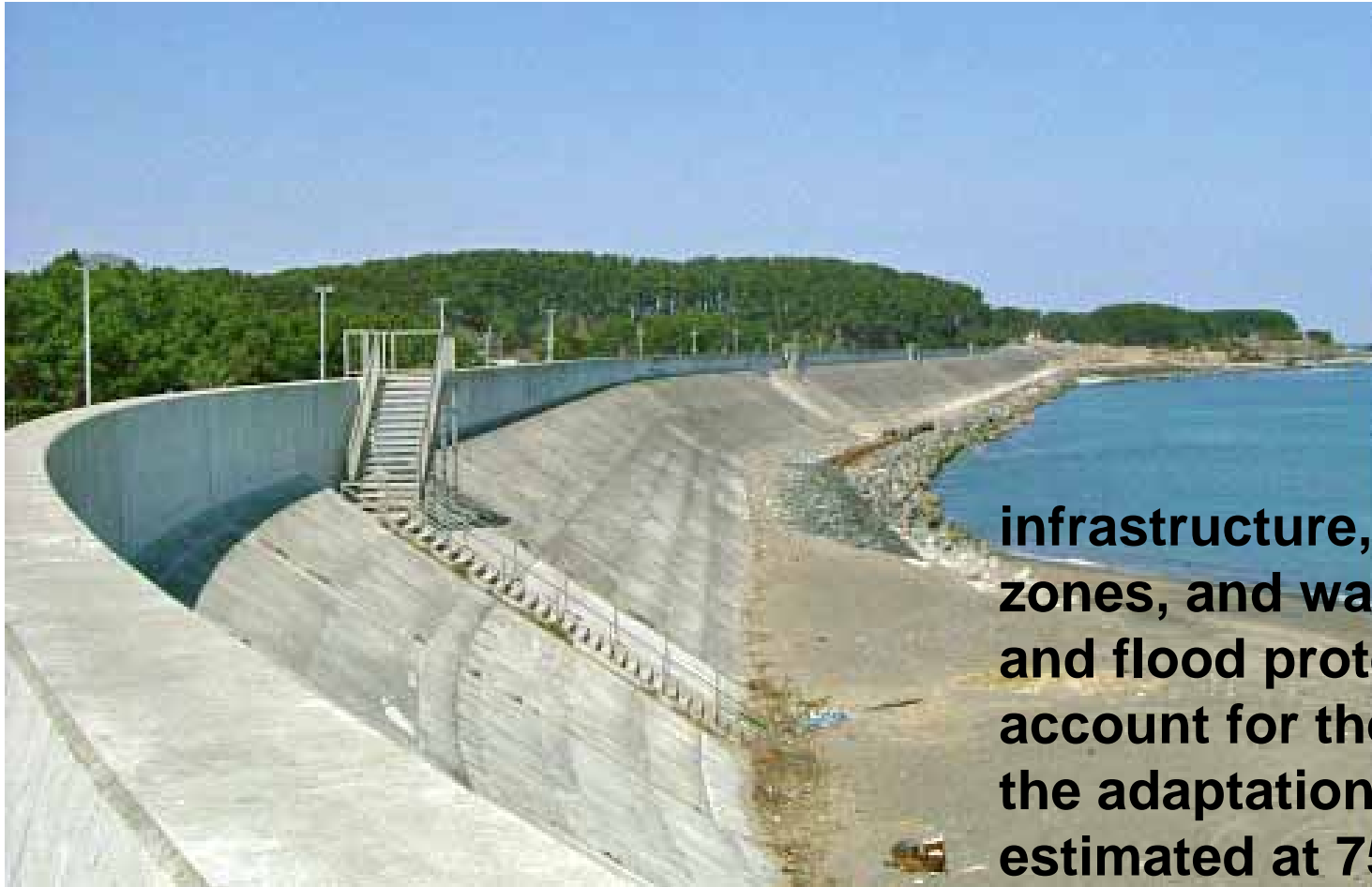


IPCC: SLR between  
18-60 cm before end  
of century

No integration of ice  
sheets information

Current predictions are  
for a max between 1-  
2m

# Human response: an even bigger threat



**infrastructure, coastal  
zones, and water supply  
and flood protection  
account for the bulk of  
the adaptation costs  
estimated at 75-100 B/y**



# Ecosystem-based adaptation

What is lost when corals die?



## PEOPLE LOSE

Ecosystems provide important services that need to be maintained to help us adapt to climate change

Ecosystem-based adaptation as an important option in response to climate change

# Ecosystem-based adaptation



Ecosystem-based adaptation is the use of sustainable ecosystem management to support societal adaptation (CBD 2009)

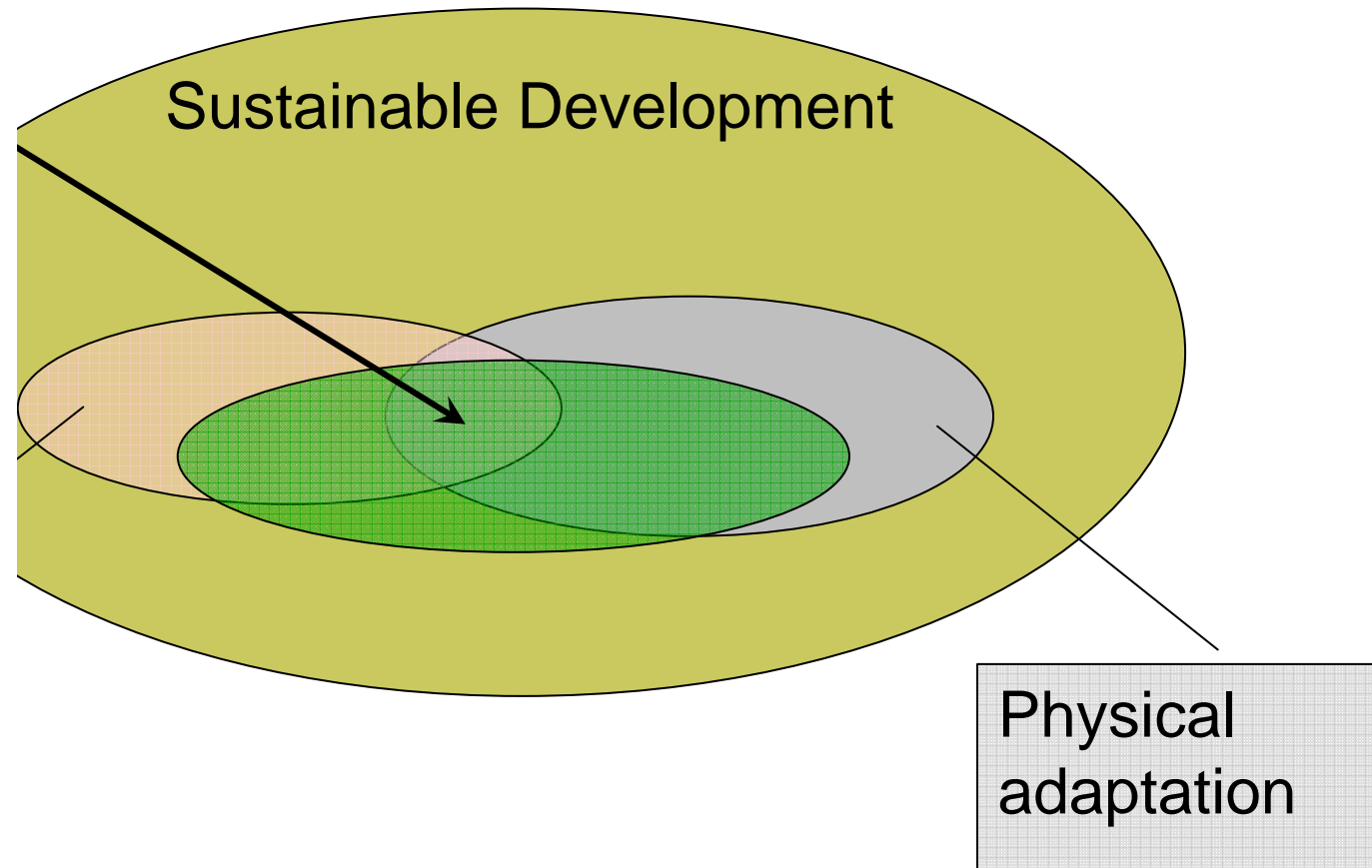
Ecosystem-based adaptation aims to:

Conserve biodiversity and make ecosystems more resistant and resilient in the face of climate change so that they can continue to provide the full suite of natural services.

Preserve and restore natural ecosystems that can provide cost-effective protection against some of the threats that result from climate change

# What is Ecosystem-based Adaptation?

Integrated into an overall adaptation strategy and a sustainable development strategy



预览已结束，完整报告链接和二维码如下：

[https://www.yunbaogao.cn/report/index/report?reportId=5\\_14529](https://www.yunbaogao.cn/report/index/report?reportId=5_14529)

