

Quiz 2 Answers

① Impacts of climate change on economy

GHG emissions $\Rightarrow$ Climate change variation $\Rightarrow$ economic activities

- temperature
- rain, wind, air
- sea level, biodiversity
- flood / wildfire
- heatwaves / storms

- agriculture yield $\downarrow$ tourism $\downarrow$
- economic loss / infrastructure loss from extreme events
- Health care cost $\uparrow$ from diseases, cancer, mental health problem

agriculture
tourism
energy
health

② Mitigation policies ($\downarrow$ causes) vs. Adaptation policies ($\downarrow$ impact)

- reduce GHG emissions

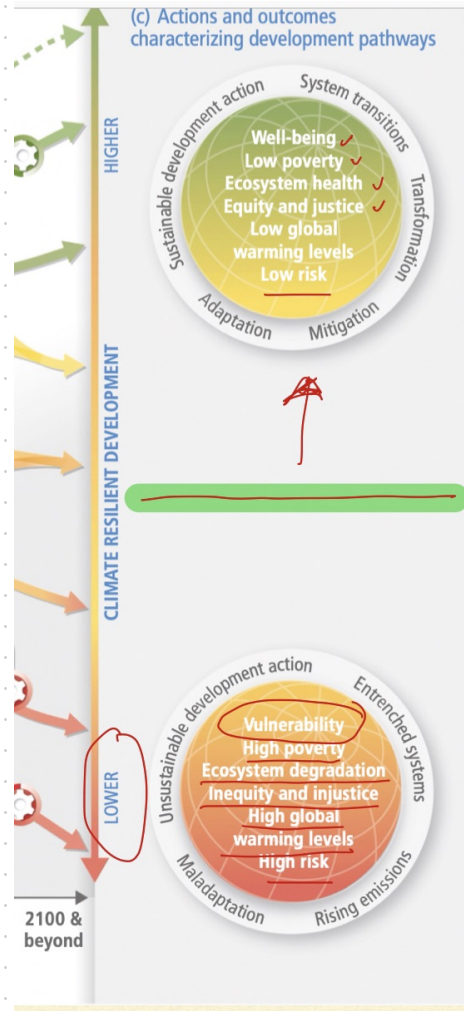
e.g. $\downarrow$ fossil fuel use $\rightarrow$ promote RE
 $\uparrow$ forest (ability to absorb CO_2)

$\downarrow$ oil $\rightarrow$ promote EV

- reduce harm / negative impacts

e.g. Prepare public health
disaster risk management
Coastal protection

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⇒ Benefits of aiming high

⇒ Costs of low efforts