

Climate Change: Cause and Effect Answers

Effect of climate change	How is climate change causing this effect?	Impacts on biodiversity
Not enough food	<ul style="list-style-type: none">· increase in severe storms, rising temperatures, rising sea levels, and droughts and floods· decreased water supply for irrigation· extreme rainfall· habitat loss as land is cleared for farming	<ul style="list-style-type: none">· marine species at risk with rising sea levels and increase in acidity of ocean· farmlands flooded by saltwater· extreme rainfall and temperatures damage and destroy crops· loss in biodiversity means plants and animals are more vulnerable to pests and disease
Increased drought	<ul style="list-style-type: none">· warmer temperatures dry up water sources	<ul style="list-style-type: none">· unable to grow crops on dried up land

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Increased drought	<ul style="list-style-type: none">· increase in dust/sand storms and forest fires	<ul style="list-style-type: none">· ecosystems and habitats destroyed results in decreased biodiversity
Loss of species	<ul style="list-style-type: none">· rising temperatures, forest fires, extreme weather· invasive species and diseases	<ul style="list-style-type: none">· loss of species (extinction) on land and in the ocean· species forced to relocate or adapt to new conditions· threatens the food chain· lack of food and water
A warm, rising ocean	<ul style="list-style-type: none">· ocean absorbs excess heat and warms	<ul style="list-style-type: none">· increasing temperature of water is bad for marine species· sea levels rising· coral bleaching· loss of biodiversity