

What Are the Climate Hazards and Risks?

	 Wildfire	 Flooding	 Extreme Heat	 Drought	 Poor Air Quality	 Wind & Storm	 Key Vulnerabilities
 Economic	• Damage or destruction of buildings • Increased water demand • Damage to roads • Damage to third party infrastructure • Business interruptions	• Damage to buildings • Damage to roads • Damage to third party infrastructure • Water contamination • Reduced patronage for businesses	• Overheating in buildings • Damage to third party infrastructure • Reduced staff productivity and patronage for businesses	• Reduced availability of drinking water • Loss of important ecosystems • Reduced viable agricultural land • Water restrictions	• Unsafe indoor conditions • Reduced patronage for businesses	• Damage to third party infrastructure • Blockage of roads • Business interruptions	• Buildings and infrastructure in forested areas • Buildings and infrastructure in floodplains • Buildings in areas with low urban tree canopy
 Social & Cultural	• Mental and physical health impacts • Higher demand for health and social services • Damage to cultural sites • Damage to recreational sites and park closures	• Increased injury, illness, or death • Increased demand for health and social services • Damage to historical and cultural artifacts • Reduced mobility	• Mental and physical health impacts • Difficulty performing culturally significant practices or accessing traditional plants	• Die-off of vegetation and landscaping at cultural sites	• Mental and physical health impacts • Higher demand for health and social services • Reduced access to cultural sites	• Increased injuries from flying debris • Damage to historical and cultural artifacts and buildings	• Elders or seniors, young children, people with chronic health issues, people living alone, unhoused people, outdoor workers, people with disabilities • Cultural sites in forested areas, floodplains, or areas with low urban tree canopy
 Environmental	• Reduced watershed and riparian forest cover • Damage to trees and forest vegetation • Destruction of habitats	• Scouring and erosion of stream banks, stream beds, and shorelines • Waterlogging of soils • Debris flows • Damage to habitats	• Loss of trees and vegetation • Increased stream temperatures • Changing ecosystems	• Loss of trees and vegetation • Low flows in streams • Changing ecosystems	• Allochthonous depositions in waterbodies	• No high risks identified	• Ecosystems and habitats in areas of high wildfire risk or floodplains