

Denial101x lecture 1.2.1

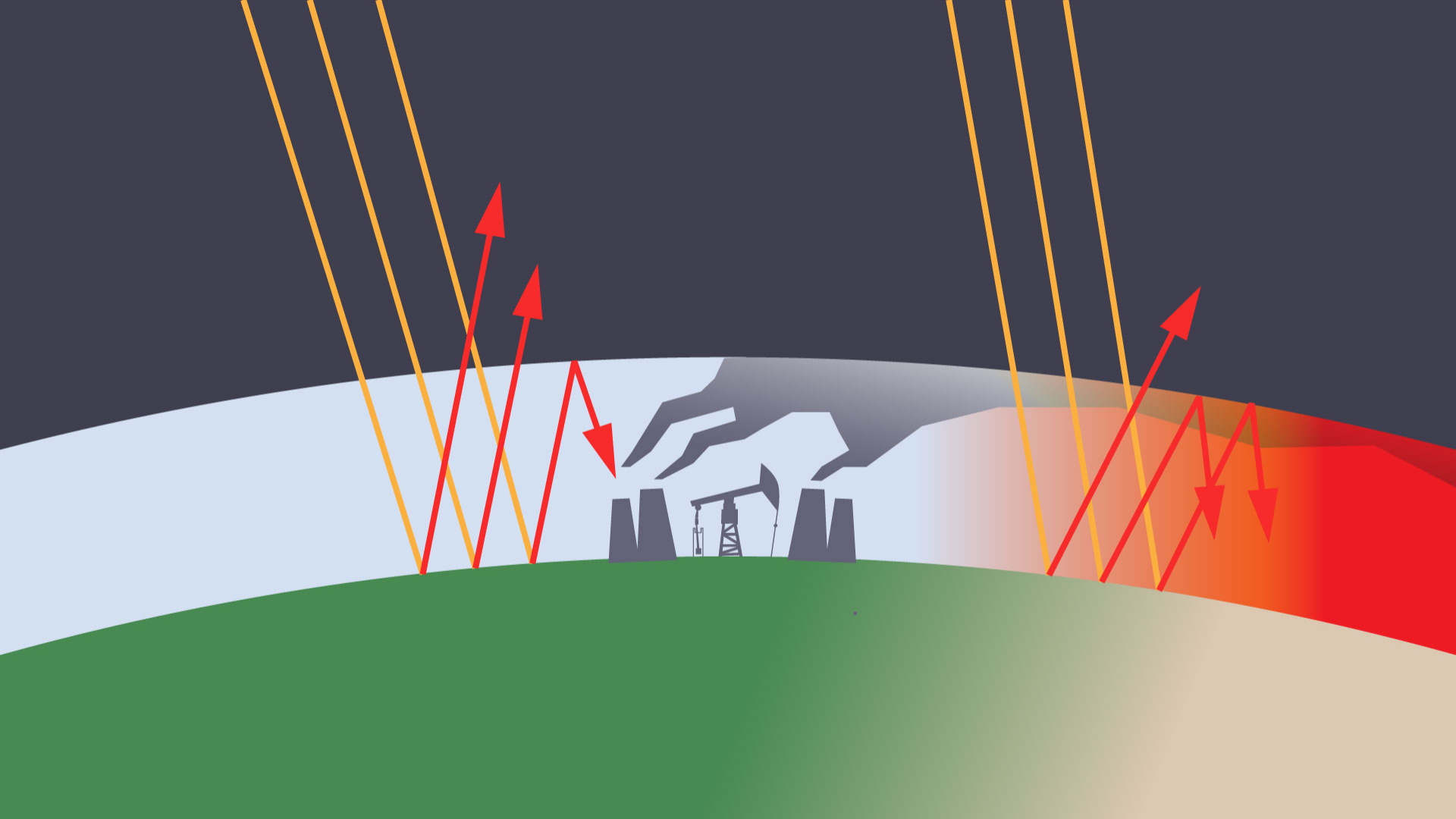
“Consensus of Evidence”

“Science is not a democracy.

It is a dictatorship.

It is evidence that does the dictating.”

--John Reisman



Human Fingerprints

Winter warming faster than summer

Less heat escaping to space

Shrinking upper atmosphere

Nights warming faster than days

Cooling upper atmosphere



Less oxygen in the air

More fossil fuel carbon in the air

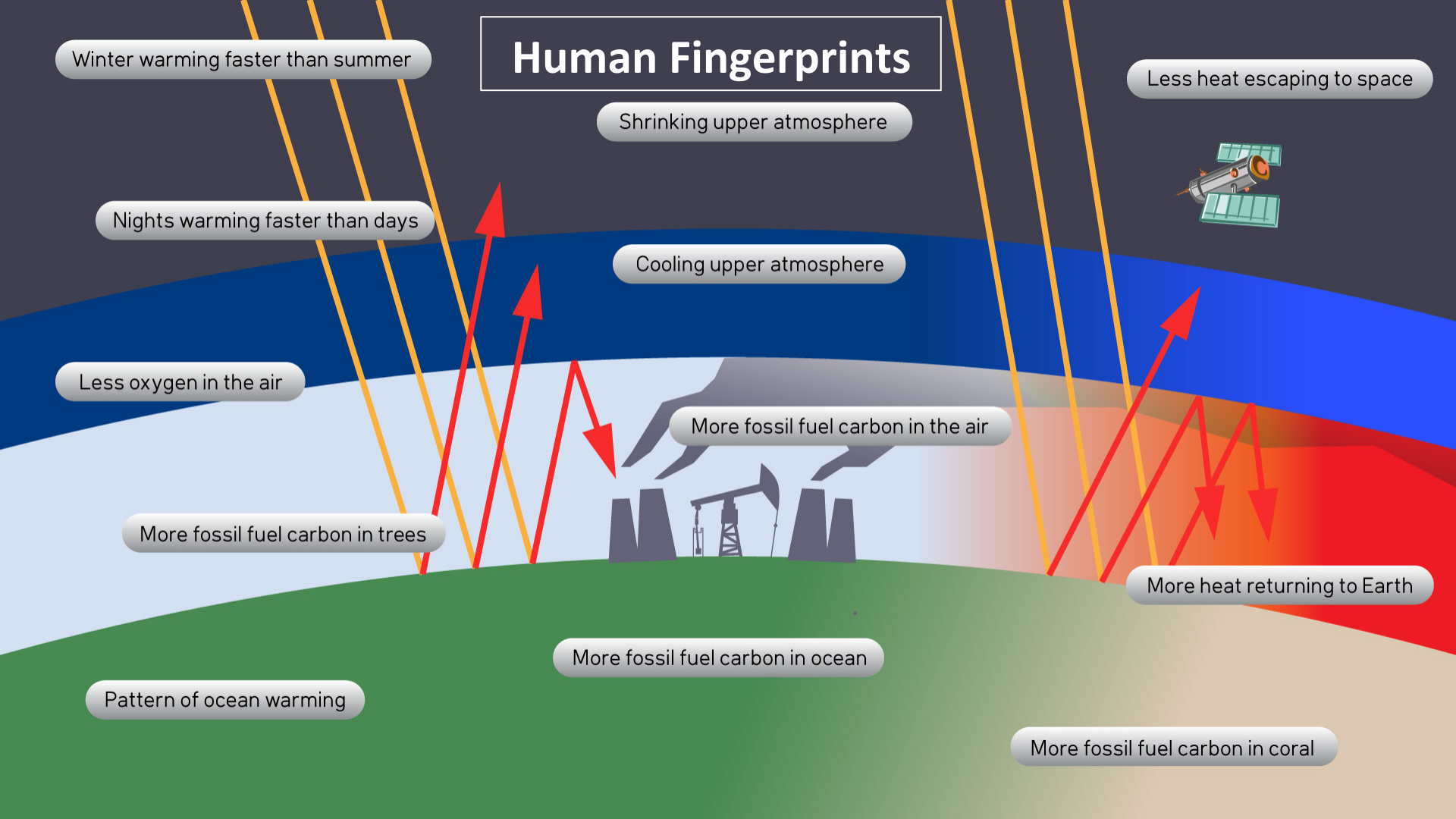
More fossil fuel carbon in trees

More heat returning to Earth

More fossil fuel carbon in ocean

Pattern of ocean warming

More fossil fuel carbon in coral



		Climate Drivers			
		Greenhouse Gases	Sun	Volcanoes	Internal Variability
Climate Patterns	Cooling upper atmosphere	✓	✗	✗	✗
	Less heat to space	✓	✗	✗	✗
	Rising tropopause	✓	✓	✓	✗
	Annual cycle	✓	✗	✗	✗
	Daily cycle	✓	✗	✗	✗
	Ocean warming	✓	✗	✗	✗
	More heat back to Earth	✓	✗	✗	✗
	Land warming faster than oceans	✓	✓	✗	✗

✓ Consistent with Climate Driver ✗ Rules out Climate Driver