

Wet-bulb temperature is the temperature when the humidity level is 100%. Wet bulb temperatures exceeding 35°C induce overheating in humans, marking our survivability limit to climate change, and these events are predicted to be common by 2180. **Aemula** is a protective layer to be worn as temporary “shelter” in the event of a wet bulb level spike. Inspired by wind towers cooling systems, this shelter features pipes filled with PEG-1000, a phase change material that activates at 35°C and “pumps” the heat, allowing the wind blowing through those pipes to cool the user down until they find their nearest shelter.