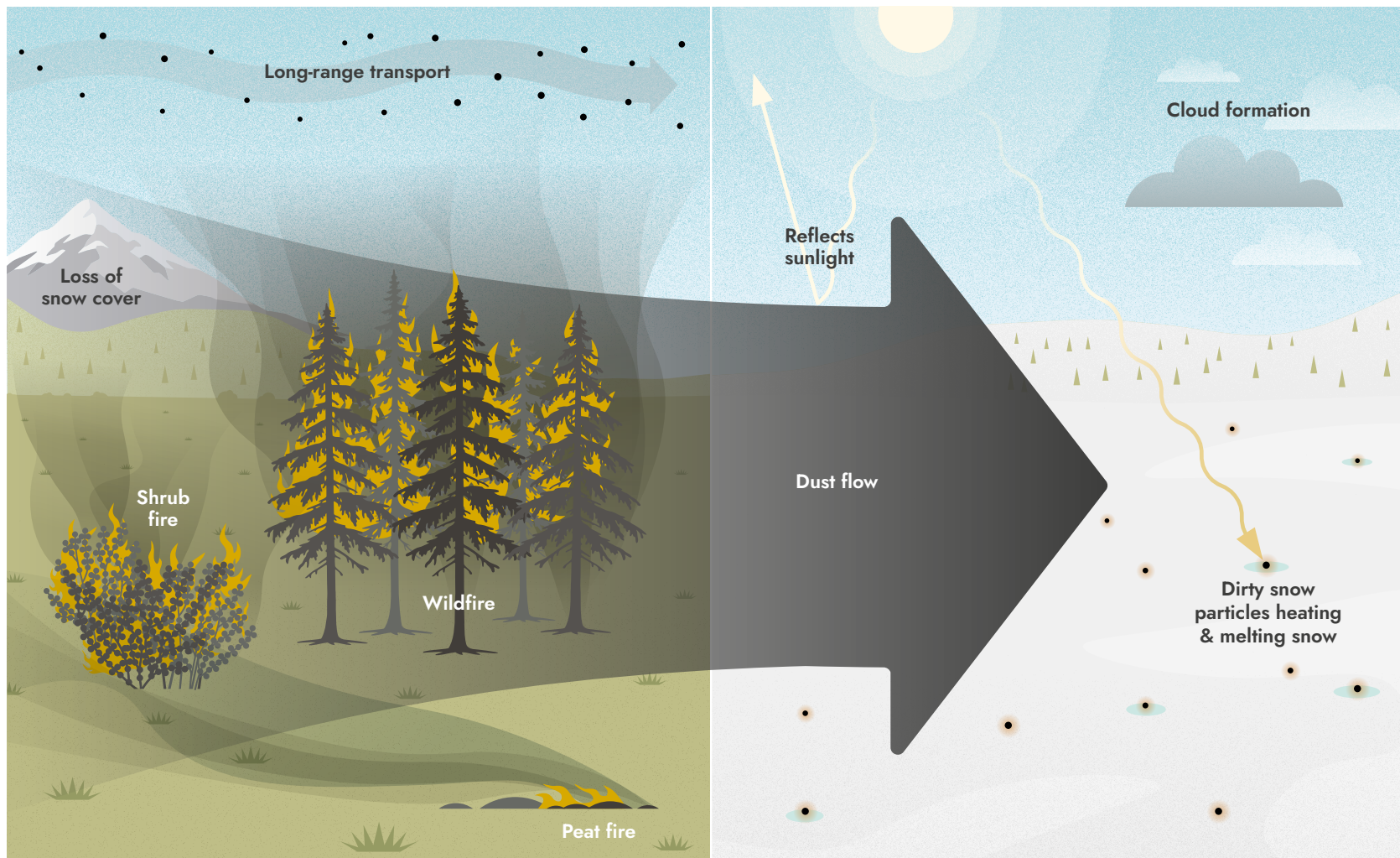




DUST IN THE ARCTIC

Wildfires, loss of snow cover, glacier retreat, permafrost thaw, and rising drought intensity all contribute to increased dust and aerosol production in the Arctic. These particles can be transported over long distances, engaging in complex interactions with both climate and ecosystems, including radiative forcing (positive and negative), cloud formation, albedo and fertilization of aquatic ecosystems