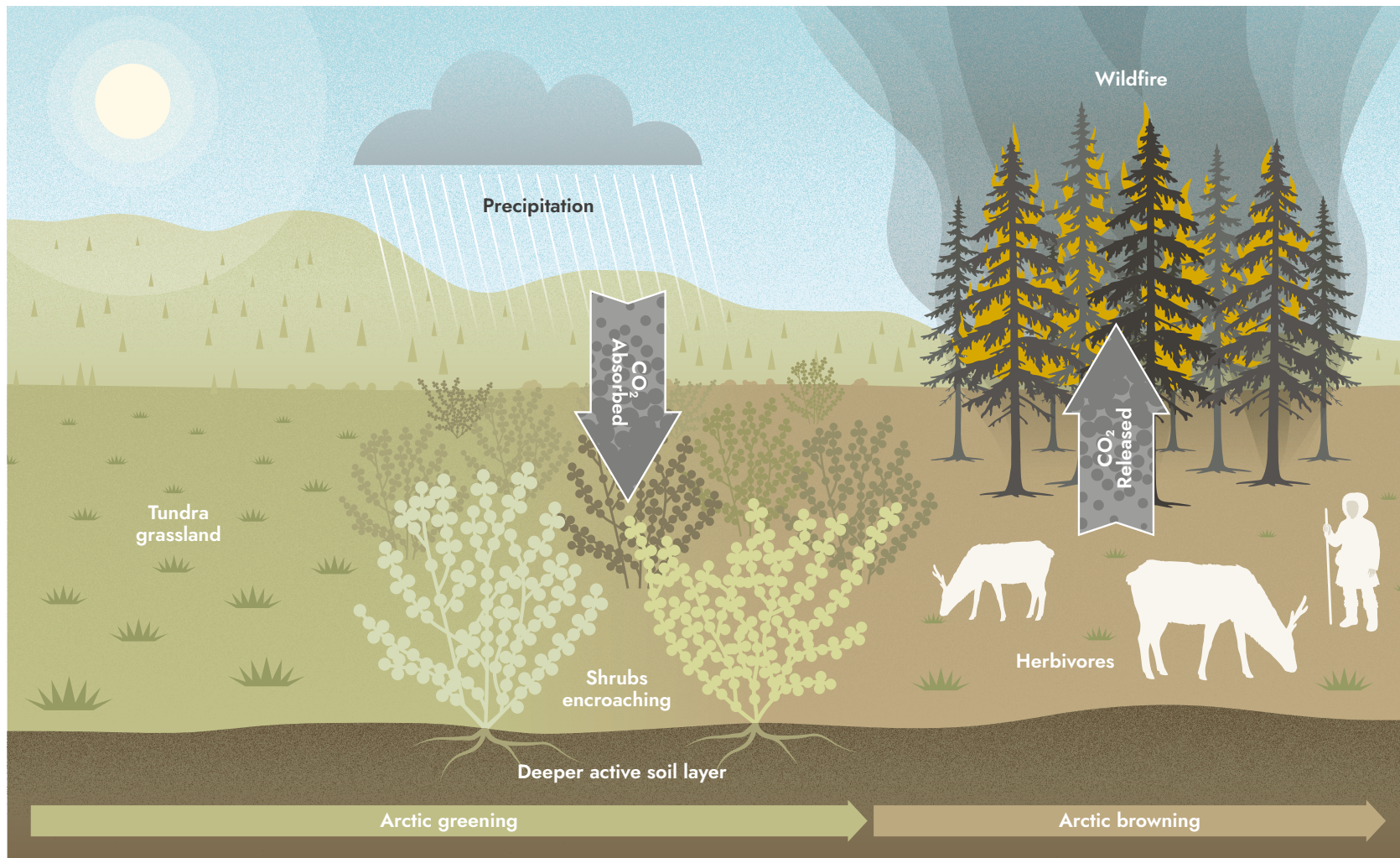




ARCTIC GREENING

Warmer summer temperatures, an extended growing season, and a deeper active soil layer enhance plant growth, leading to increased carbon sequestration and storage in plant tissues. Disturbances such as climate extremes, increased herbivory, wildfires and altered hydrology intermittently disrupt the overall greening trend, resulting in areas of browning