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On the cover

The cover is a schematic diagram of the physical processes leading to the cold events in early winter 2020/21. The thick brushed line over the Eurasian continents represents the Ural Blocking (UB) flow line. The letter H (L) represents the anticyclonic (cyclonic) center of the UB that is associated with the warm (cool) shading. The Kara and East Siberia Seas, indicated by KESS, have abnormal sea ice cover. The dashed line over the North Pole represents the unstable polar vortex. The upward and downward arrows represent the propagation of EP fluxes between the troposphere and stratosphere. The light blue shading in the central-eastern Pacific represents the cold SST anomaly due to La Niña. The diagram's background represents scenes of extremely cold weather and Arctic warming. For details, see the special issue "Extreme Cold Events from East Asia to North America in winter 2020/21".