

processes elevations tropics
Lenoir events used leading three
Sci bathymetric expected elevation
expected animals Engelhard Global
edges focusing lowland
Svenning distributions persistence
optimum research high movement
upward
change plants reports
climatic parameters lack much risks publications
ecosystems area involving
especially latitudes establishment responses latitudinal Hemisphere
climate prone instance tropical within
observed temperature reported
depths climate-related warming
ecological warming
terrestrial focused sharfalls lean
Grenouillet
Based Parmesan
organisms
abundance trailing geographical along even
Comte ectotherms studies evidence overall
bi-dimensional marine taxa Sea ranges velocities
already simultaneously general shift also
shift However response patterns existing poleward
well defined longitude thus latitude given
SPR likely Fig rate colonization
vegile birds SMR

range shifts species changes