

# Spatiotemporal scale

Local scale

Intermediate scale

Regional scale

Short-term Long-term

Short-term Long-term

Short-term Long-term

High effective  
connectivity

Low habitat  
loss

Low effective  
connectivity

High effective  
connectivity

Medium habitat  
loss

Low effective  
connectivity

High effective  
connectivity

High habitat  
loss

Low effective  
connectivity

Percentage of species  
richness remaining

