

Species Vulnerability Indices

Alternatives to "DIY"



Vulnerability Indices can...

- ... save R & D time
- ... remind you about vulnerability factors
- ... compare apples and oranges
- ... promote transparency

Vulnerability Indices cannot...

- ... turn garbage into gold
- ... replace in-depth VAs of species

System for Assessing Vulnerability of Species (SAVS) to Climate Change (Forest Service)



Framework for categorizing the relative vulnerability of threatened & endangered species to climate change (EPA)



Climate Change Vulnerability Index (NatureServe)



All:

- are potentially rapid
- score individual factors
- produce categories of relative vulnerability
- address uncertainty

SAVS



www.fs.fed.us/rm/grassland-shrubland-desert/products/species-vulnerability

Terrestrial vertebrates

Habitat, physiology, phenology, biotic interactions

Abundance, range, demographics considered implicitly

Scale: habitat/management area

EPA



<http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=203743>

T&E Vertebrates Only

Baseline & climate change vulnerability

Abundance, range, demographics considered in baseline

Spatial Scale: any

NatureServe



www.natureserve.org/climatechange

Terrestrial/aquatic, plants/animals

Excludes conservation status factors – use in conjunction with G/S-ranks

Exposure and sensitivity sections

Scale: state or large conservation area




