

Scoping Meeting Worksheet Geoindicator Table

Ecological importance, degree of human influence, and management significance of selected geoindicators at Craters of the Moon National Monument

Geoindicators Identified in the FIIS Barrier Island Ecosystem	Ecological Importance	Human Influence	Management Significance
1. Coral chemistry and growth patterns			
2. Desert surface crusts and fissures			
3. Dune formation and reactivation			
4. Dust storm magnitude, duration and frequency			
5. Frozen ground activity			
6. Glacier fluctuations			
7. Groundwater quality			
8. Groundwater chemistry in the unsaturated zone			
9. Groundwater level			
10. Karst activity			
11. Lake levels and salinity			
12. Relative sea level			
13. Sediment sequence and composition			
14. Seismicity			
15. Shoreline position			
16. Slope failure (landslides)			
17. Soil and sediment erosion			
18. Soil quality			
19. Streamflow			
20. Stream channel morphology			
21. Stream sediment storage and load			
22. Subsurface temperature regime			
23. Surface displacement			
24. Surface water quality			
25. Volcanic unrest			
26. Wetlands extent, structure, hydrology			
27. Wind erosion			

H – HIGHLY influenced by, or with important utility for
M – MODERATELY influenced by, or has some utility for
L – LOW or no substantial influence on, or utility for