National Parks as "Science Labs"

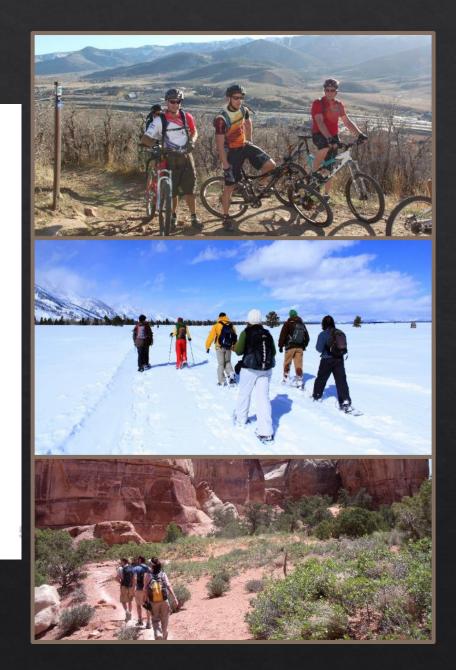




OUTDOOR PARTICIPATION TRENDING



Outdoor Participation Report, 2019







If recreation is permitted...

...some degree of impact is inevitable.



Illustration by Michael Byers

Outdoor Recreation Management

managing outdoor recreation in parks and protected areas using a variety of strategies and tools.

Ensures visitors have quality experiences in the outdoors while also protecting natural resources!

Recreation Ecology

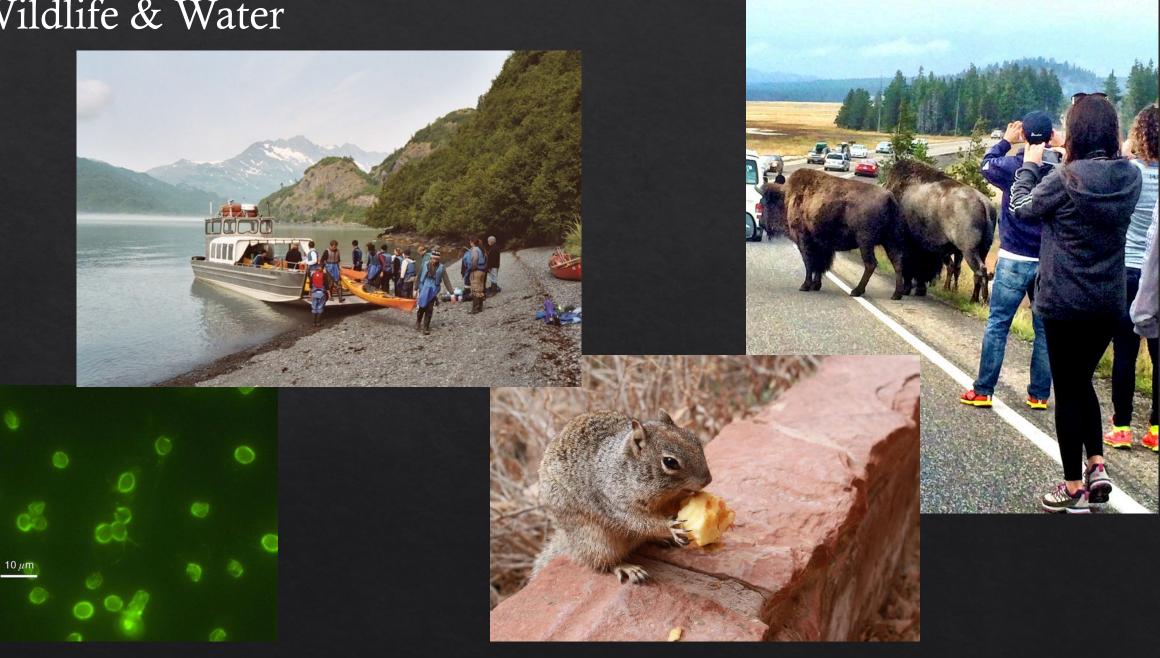
the study of the <u>environmental consequences</u> of <u>outdoor recreation/nature-based tourism</u> activities and their <u>effective management</u>.

Interdisciplinary field that combines social and ecological sciences

Soil & Vegetation

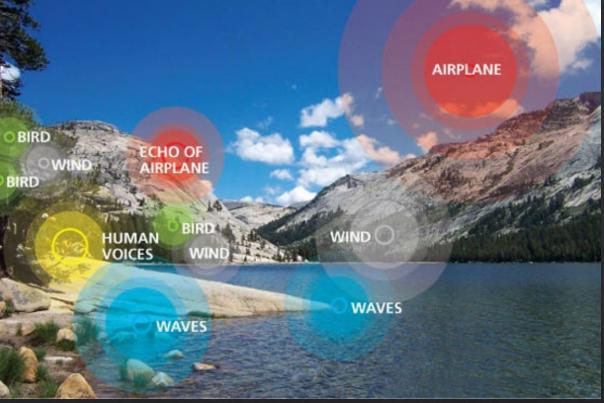


Wildlife & Water



Air Quality & Soundscapes





"Spot the Impact" National Park Tour!



Yellowstone National Park, Wyoming

12.00

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Off-trail hiking

Damage to geothermal feature

Wildlife (harassment?) (Social & Ecological Impact!)



Grand Teton National Park, Wyoming





Soil Compaction

Camp "Furniture"

Improper Food Storage (Social & Ecological Impact!)





Litter

Vegetation Loss

Soil Erosion

Water Quality Impacts (erosion, soap, waste)

Possible Root Damage?

What makes TRAL so great?

Science-informed management!

Social & ecological sciences

Understand the "who, what, where, when" of the recreation system



Thank you!

Credit to Susie Sidder (PhD Candidate) for "Spot the Impact" Activity Idea

