

Project Goals

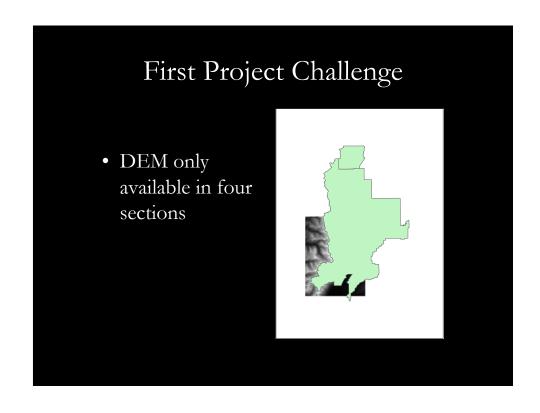
- To identify areas appropriate for camping based on regulations and suitable conditions
- To examine current use patterns to determine how well users are following the regulations
- To compare available ideal camping locations with designated carrying capacities

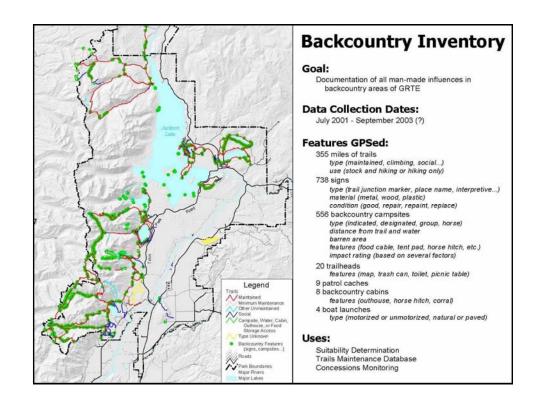
Current Management

- Designated site or designated zone
- Zones have predetermined carrying capacity
- Users are instructed to follow a set of parameters in selecting a campsite within a zone including: 100 feet from water, out of sight of trail and other campers and on previously impacted sites
- Managing for Wilderness Values

Carrying Capacity

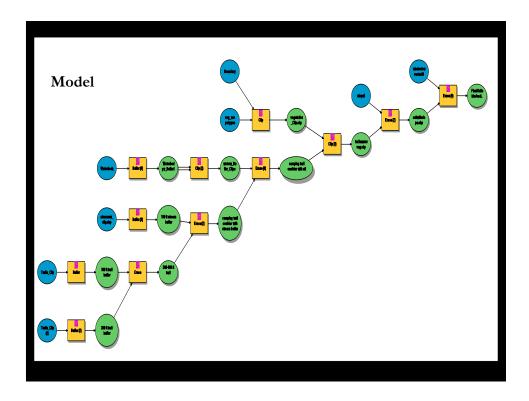
Zone	Party Limit	Person Limit
Lower Granite	5	14
Middle/South Fork Granite	15	42
North Fork Granite	6	17
Mt Hunt – Granite	2	6
Open Canyon	3	9
Death Canyon	11	31
Death Canyon Shelf	7	20
Cascade South Fork	9	26
Cascade North Fork	8	23
Upper Paintbrush	6	17
Lower Paintbrush	4	21
Surprise Lake	3	9

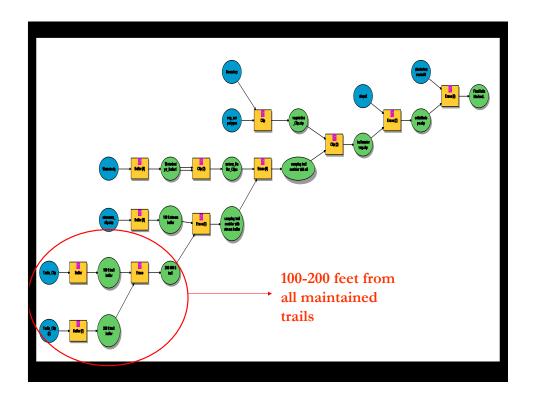




Parameters for Ideal Campsites

- 100-200 feet from all maintained trails
- 100 feet from any water source
- Off of incompatible vegetation types
- On relatively level ground
- Out of sight of trail
- Out of sight of other campsites





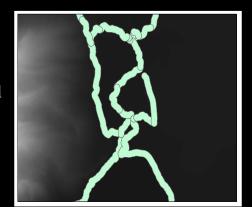
100-200 feet from all maintained trails

- Source = based on minimum and maximum of comparable designated campsites
- Data = trails, campsites
- Methods: 1) 100 and 200 foot buffer 2)
 Erase 200 with 100

CAMP_ZONE	Count	Minimum	Maximum	Average
Bradley	1	125	125	125
Cascade	34	60	201	113
Death	18	50	201	128
Garnet	10	30	201	90
Granite	6	15	100	86
Leigh_Lake	11	0	0	0
Paintbrush	13	80	201	169
Phelps_Lake	3	0	75	25
Surprise_Lake	4	100	100	100
Total	100	0	201	93

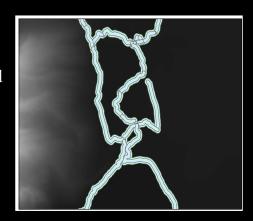
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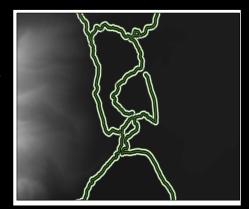
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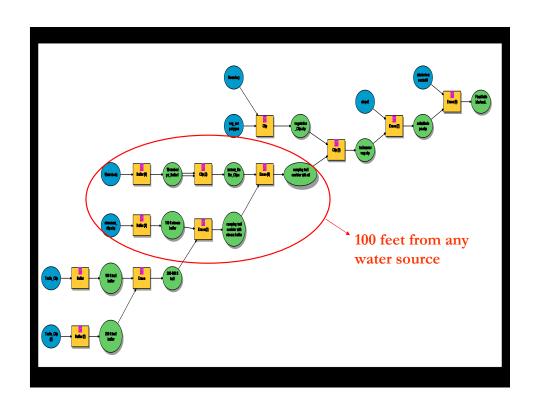
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100-200 feet from all maintained trails

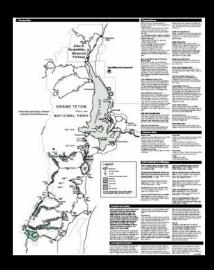
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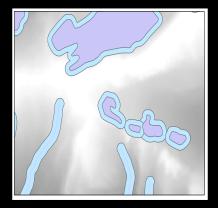
100 feet from any water source

- Source = Backcountry camping regulations
- Data = streams, waterbodies
- Methods = 1) 100 foot buffer on both 2)Erase



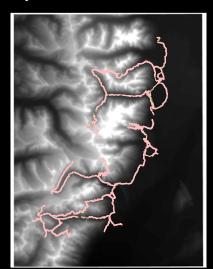
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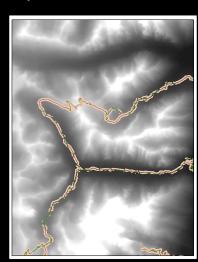
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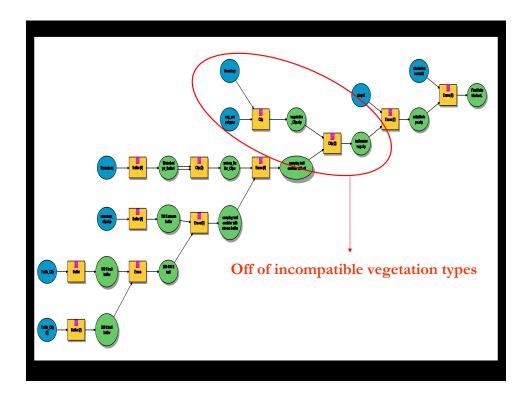
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- Legend:
 - Suitable Corridor
 - Trail



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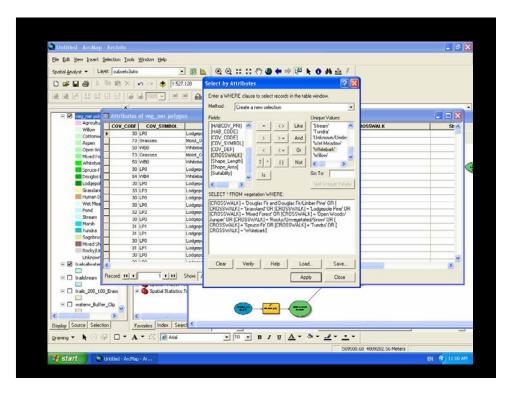
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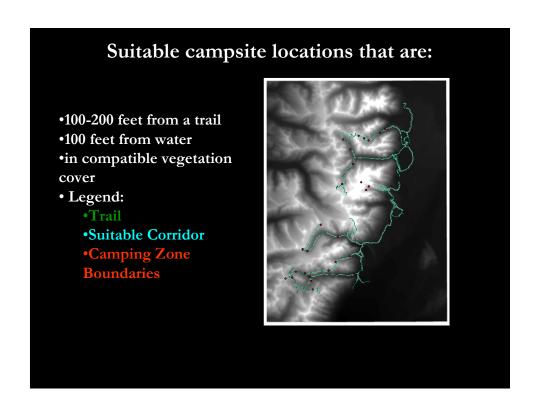




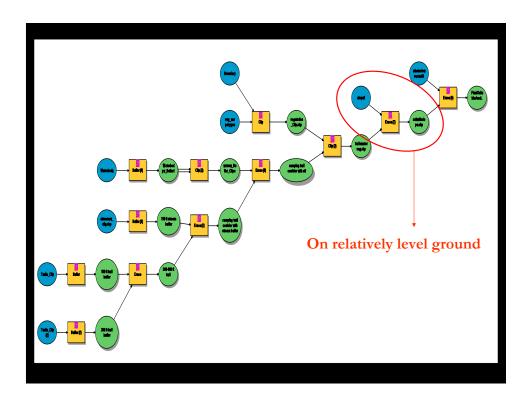
Off of incompatible vegetation types

- Source = regulations and logic
- Data = vegetation
- Method = 1) select and delete inappropriate veg types from table 2) Clip





*100-200 feet from a trail *100 feet from water *in compatible vegetation cover * Legend: *Trail *Suitable Corridor *Camping Zone Boundaries

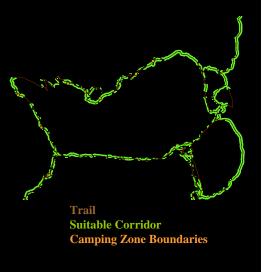


On relatively level ground

- Source = logic
- Data = DEM
- Methods = 1)Slope 2)Determine acceptable values (raster calculator) 3) Convert to vector 4) Delete acceptable values 5) Erase
- •Con (dem_slope>/= 20,0,1)
- •Con (dem_slope>/=20,1,2)
- Converted to Vector
- •Selected and deleted all Gridcode = 2

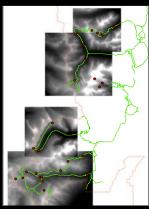
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Out of sight of trail

- Source = backcountry regs
- Data = trails, DEM, signs
- Methods =
 - 1) Split DEM in four sections
 - 2) Viewsheds
 - 3) Select acceptable visibility level (Raster Calculator)
 - 4) Convert to vector
 - 5) Delete acceptable areas
 - 6) Erase

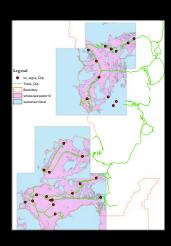


-Trail -Park Boundary

•Camping Zone Boundary

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- •Con(dem_viewshed>/=5,1,2)
- •Con(dem_viewshed>/=10,1,2)

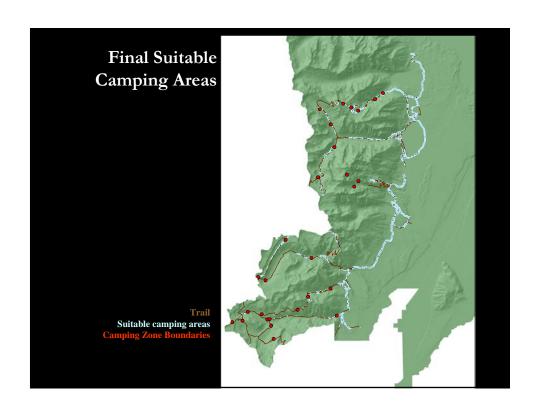
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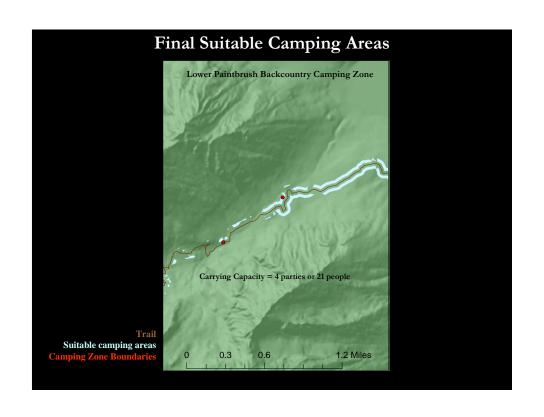
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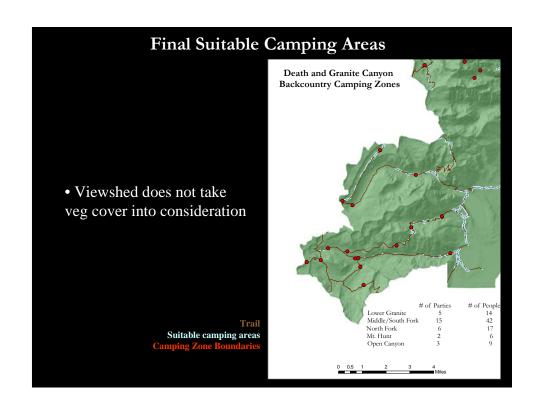


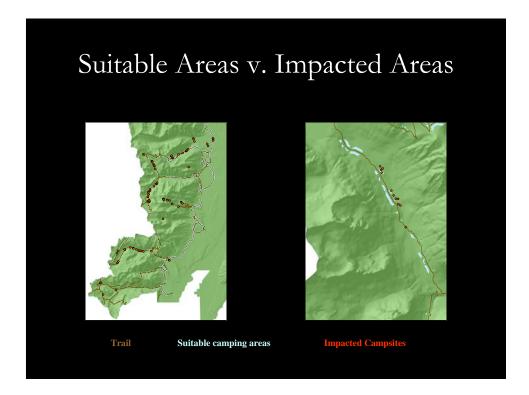
Out of sight of other campsites

- Source = Backcountry regs
- Data = results of model
- Methods = ?????









Possible Uses

- To designate campsites within camping zones
- To recommend campsite locations to backcountry users
- Compare carrying capacity to number of available campsite locations
- Compare locations of impacted sites in zone management to ideal sites as determined by model

