



Jessica Western, Ph.D.
Big Goose Creek Resolutions
www.biggoosecreekresolutions.com

Black Hills OHV Summit
25 and 26 February, 2021
Virtual



Black Hills National Forest

TABLE OF CONTENTS

Summit Process and Results.....3
Recommendations.....6
Appendix A: Participants.....8
Appendix B: Ideas Generated by Participants.....11



Custer State Park

SUMMIT PROCESS AND RESULTS

On 25 and 26 February 2021, the Black Hills OHV Summit was held virtually. The purpose was to deliberate: “ATV/OHV recreation will be on the Black Hills Region for the foreseeable future. What can specifically be done to improve sustainability and provide for the multiple use values important to residents, communities and visitors?”

The Summit was organized as follows:

	Purpose	Outcome
February 25	Introduction process. Share Information regarding landscapes, OHV recreation and related topics. Identify Interests and issues.	Understand the situation, what interests various community members have and the issues related to the situation.
February 26	Share outcomes of Feb. 25 meeting. Generate ideas for improving the situation for uses and landscapes. Explore next steps.	List of ideas and next steps for working together in the future.

On the first day the group started with identifying the importance of the Black Hills region. The main interests that emerged are summarized below:

- ❖ Aesthetic: beauty, natural ambiance.
- ❖ Biodiversity: wildlife, ecosystem services, diversity of species.
- ❖ Community: Love of place and community, connections between people and the area.
- ❖ Cultural: Tribal and European history and meanings.
- ❖ Economic: grazing, OHV rentals and visitation, tourism, timber, hunting.
- ❖ Recreation: wide diversity of recreation activities enjoyed in the area.
- ❖ Therapeutic: solitude, relaxation.

Participants then had the opportunity to hear diverse perspectives regarding OHV use in the Black Hills region:

- ❖ Jerry Krueger of Black Hills National Forest - OHV system, opportunities and challenges
- ❖ Jack Isaacs of Nebraska National Forest - OHV system, opportunities and challenges

- ❖ Capt. David Hartley of Forest Service and Pat Johnson, Chief Deputy of Lawrence County law enforcement.
- ❖ Black Hills Tourism Industry: Michelle Thomson, Black Hills and Badlands Tourism Association.
- ❖ OHV Club/Association: Patty Brown.
- ❖ County/Local Government: Ron Rossknecht, Pennington County Commissioner.
- ❖ State of South Dakota DOT: Mike Carlson
- ❖ Landowner - Stockgrowers representative: Aaron Thompson, Permittee

This was followed by two more breakout groups in which were discussed first the importance of OHV use in the area, and then the challenges participants experience in relation to OHV use (see the spreadsheet Day One Black Hills Summit [link](#)). The challenges most frequently mentioned were:

1. Capacity Issues due to large number of visitors.
2. Unauthorized trails.
3. Trail system: loop and connect trails.
4. Dust issues: e.g. large groups of riders increase amount of dust.
5. Lack of or slow response of law enforcement.
6. Lack of funding and resources for the U.S. Forest Service.
7. Need for more effective communication e.g. through apps and social media.
8. Industry image and advertising promotes “These machines are made to go through the mud” which is contrary to local trail etiquette.
9. Travel Management Plan already outdated: Need to assess current conditions and to identify solutions on the ground.
10. Noise Issues.
11. Nighttime traffic.
12. Inconsistent rules and regulations across states, agencies and districts e.g. OHV width differences between states.
13. Lack of information regarding jurisdictions and authorities.
14. Need for more information and education regarding trail etiquette, rules, private landownership, importance of closing gates, etc.
15. Need for more signage to indicate changing conditions or rules.
16. Grazing permittees highly frustrated with gates left unopen by OHV users and other issues.
17. Great concern for wildlife habitat and wildlife behavior due to OHV use.

These conversations were designed to provide participants a chance to systematically explore the subject of OHV use from all perspectives, leading them to the objective of the Summit which was to find ways to tackle the identified challenges. In Appendix B, the reader will find all 158 ideas that were generated in that fourth breakout group. Between breakout groups there was a great deal of agreement on ideas that could lead to improvement of OHV recreation management in the area. The facilitator summarized the 158 ideas that were generated into the following statements:

Statements summarizing Participants' Ideas

1. Need one official app that is regularly updated regarding trail conditions, grazing issues, approved trails, etc.
2. Continue the collaboration that started at the Summit through a working group representing all interests that looks at all issues and creates recommendations to all decision-makers. Use this collaborative group to leverage funding for trail work, education efforts, etc.
3. Communication solutions need to be found that allow reporting of non-ethical behavior, open gates, regulatory information, current conditions. Solutions suggested are an app, advertising campaigns, messaging platforms and education.
4. Define the Black Hills community' protocols for trail etiquette.
5. Create a comprehensive education program that involves OHV businesses, schools, OHV clubs, agencies, counties, cities, tourism bureau etc. based on the Black Hills OHV trails etiquette.
6. Conduct an audit to explore where funding is available and what funding needs exist. Find entities/individuals who will write grants for a remuneration.
7. The role of hunting in OHV use needs to be explored, as well as the use of OHV use in hunting. This may elicit additional solutions.
8. Find ways to reduce the spread of invasive weeds and erosion through OHV use.
9. Explore ways to have OHV use but in ways and places that disturb wildlife the least e.g., seasonal closures.
10. More law enforcement is required. This requires more funding. Explore ways to enhance the law enforcement capacity in the Black Hills region.
11. Explore ways to manage regulator/legislative OHV use on roads where the FS has limited regulatory authority e.g. through legislation or licensing.
12. Create easily accessible and usable maps with information, trails, conditions, etc.
13. Find robust signage methods.
14. Look at use patterns and intensities to improve the trail system in all areas, looking also at connections, re-routings, etc.
15. Clearly define width of vehicles allowable in what locations.

16. Create a volunteer group willing to help with patrolling and education.
17. Ensure as little conflict as possible with wildlife using seasonal closures, trail design and law enforcement.



Sylvan Lake

RECOMMENDATIONS

I observed the following:

- ❖ The Black Hills region is blessed with a great deal of collaborative capacity regarding OHV use. On the one hand I noted a passion for OHV recreation and a respect for that passion. I also heard a clear understanding among participants that the region benefits many different people in many different ways, with which OHV recreation needed to be balanced.
- ❖ One clear outcome from this Summit was also the emerging understanding that although a great deal of OHV recreation takes place on the Black Hills National Forest, the Forest cannot control this recreation on its own, let alone on lands not in their jurisdiction. City and county officials confirmed this by offering support for ongoing collaboration. OHV recreation clubs offered support for ongoing education and communication efforts.

- ❖ The livestock community is deeply concerned regarding interactions with OHV users e.g., opening and not closing gates. This is a direct economic impact for producers and participants were vocal in their support to address the issue.
- ❖ OHV use is an issue on trails and on roads and affects recreationists of many types, residents, counties, cities, law enforcement, search and rescue, ranchers, businesses, NGO's (non-governmental organizations) and many others. The issue is "wicked", in the sense that it is complicated and controversy is involved.

Based on these observations, a few recommendations:

1. The group discussed and seemed to agree that a collaborative process that combines public meetings and a working group consisting of representatives of all interests could develop well-informed and implementable recommendations for counties, cities, federal and state agencies to consider.
2. This collaborative process could also be a way for all NGO groups to work together to create an education and communication program by leveraging talents, time and resources.
3. The working group needs to be a non-federal convener, the USFS can convene the public meetings. Highly recommend a third-party neutral facilitator for both the public meetings and the working group to ensure consistency and legitimacy of process.
4. Most of the issues are ongoing and can be addressed through the longer collaborative process discussed above. The issue of livestock gates seems a flashpoint and needs to be addressed as soon as possible – this could be a short collaborative effort between producers, OHV clubs, US Forest Service and other related entities. Recommend to initialize this before the 2021 grazing season.

APPENDIX A: SUMMIT PARTICIPANTS

PARTICIPANTS		
Ralph	Adam	Recreation Staff Officer/BKNF
Samuel	Ainsley	Hell Canyon Distric Recreation Specialist
Derek	Alexander	Hotel owner-Hill City & range permittee
Alice	Allen	Backcountry Horsemen - President
Austin	Aluise	Motorized Trail Crew Leader/BKNF
Tracy	Anderson	Hell Canyon District Ranger/BKNF
Sarah	Anderson	Crook County Natural Resource Dept.
Tammy	Angel	Acting Regional Forester/Rocky Mountain Region
Christina	Bennett	SD DOT
Scott	Betten	Spearfish Canyon Lodge
Deb	Black	Back Country Horesman
Bradley	Block	Recreation Program Lead/BKNF
Kyle	Brende	Polaris of the Black Hills (OHV retailer)
Patty	Brown	OHV Rider Club
Bob	Burns	Norbeck Society-President
Mike	Carlson	SD DOT - Speaker
Richard	Carlson	Photo journalist/Jeep & trails clubs
Bill	Coburn	South Dakota Family Foresters Assn
Jerry	Cole	Sturgis Rally
Mason	Cooper	Rocky Mtn Elk Foundation
Dolsee	Davenport	Custer Chamber of Commerce
Matthew	Davey-Karlson	Bearlodge Rec Specialist/BKNF
Shelly	Deisch	GF&P/South Dakota - Senior Wildlif Biologist/lands
Tom	Derby	Lawrence County Sheriff
Randy	Diebert	Lawrence County Commissioners
Tyler	Ehnes	City of Spearfish - Recreation
Chris	Floyd	WY Manager - Outdoor Recreation
Nick	Gann	Wyoming tourism
Mike	Gosse	Bearlodge District Ranger/BKNF
Alex	Grant	Wall District Ranger/NENF
Sam	Greear	Black Hills Trails
Craig	Grunefelder	Black Hills Four Wheelers
Jim	Gubbels	Mystic District Ranger/BKNF
Scott	Guffey	Pennington County Natural Resources Director
Dave	Hague	OHV Rider Club
Keith	Haiar	Range grazing permittee-WY
David	Hartley	Patrol Captain/BKNF

Kris	Hennings	Forest Wildlife Program Lead/BKNF
Corbin	Herman	Motorized Trail Program Lead/BKNF
Mike	Herrick	Mystic Hills Hideaway Campground
Marc	Hildestein	National OHV Organization
Jeff	Hodge	Crook County Sheriff
Cody	Hodson	Black Hills Sportsmans group
Rob	Hoelscher	Pinedale District Ranger/B-TNF
Jan	Humphrey	Mystic Road Association
Jack	Isaacs	Forest Supervisor/NENF
Jake	Jackson	Timber Contracting Officer/BKNF
Julie	Johndreau	Recreation Program Staff Officer/NENF
Pat	Johnson	Lawrence County Sheriff
Al	Johnson	Forest Recreation Management
Bonnie	Jones	Northern Hills Recreation Specialist
Matt	Jurak	North Zone Recreation Program Staff Officer/BKNF
Forrest	Kamminga	Wyoming Parks-motorized trails
John	Kanta	GF&P/South Dakota - Regional Director
Chip(Lori)	Kimball	Bureau of Land Management - SD
Randy	Kittle	SD Grants Coordinator
Dan	Kleen	NOHVCC President
Mike	Klosowski	GF&P/South Dakota
Steve	Kozel	Northern Hills District Ranger/BKNF
Jerry	Krueger	Deputy Forest Supervisor/BKNF
Halley	Legge	Mystic trails
Darin	Martens	Statewide Liaison USFS/WYDOT & Landscape Architect
Justin	McConkey	BHNF, Range
Brett	McMacken	Hill City - City Administrator
Josh	Milek	WY Regional Trails
Brian	Mueller	Chief Deputy-Pennington Co Sheriff
Eric	Nelson	Law Enforcement/BKNF
Alex & Holly	Nieman	Adventure OHV Rentals-Custer SD
Shannon	Percy	GF&P/South Dakota -Black Hills Trails Program
Tim	Peters	Gillette Prairie Area landowner
Paul	Pierson	Neiman Timber
Ron	Rossknecht	Pennington County Commissioners
Joe	Sandrini	WY Game and Fish
Gary	Schmidt	single track/dirt bike community
Chad	Schneckenburger	Rocky Mountain Region/Recreation RO-rep
Ben	Schumacher	Mystic District Recreation Staff Officer/BKNF
Jennifer	Sietsema	Black Hills Council of Local Governments

Richard	Sleep	Lawrence County Commissioners
Kailey	Snyder	Black Hills Council of Local Governments
Matt	Snyder	GF&P/South Dakota
Mike	Stahl	City of Lead - city manager
Dick	Terry	BKNF/Chair-National Forest Advisory Board
Aaron	Thompson	Range grazing permittee-SD/WY
Michelle	Thomson	Black Hills and Badlands Tourism Association
Jeff	Tomac	Forest Supervisor/Black Hills NF
Karma	Toman	Nemo Guest Ranch (alternate: Karma Toman)
Jason	Virtue	Fire, Safety, Aviation Staff Officer/BKNF
Kevin	Wagner	Deadwood-Lead Economic Development; Exec Director
Leigh	Welling	Wind Cave National Park
Janet	Wetovick-Bily	Hill City Chamber of Commerce
Michelle	Wheatly	Jewel Cave National Park
Julie	Wheeler	Fall River District Ranger/NENF
Jason	Wichterman	Steel Wheel OHV Rental Company
Todd & Melanie	Williamson	land owner
Scott	Wittrock	SD ATV/OHV Association
Jon	Word	Natural Resources Staff Officer/BKNF
Ben	Wudtke	Black Hills Forest Resource Association
Rich	Zacher	SD DOT
Mary	Zimmerman	Norbeck Society

APPENDIX B: IDEAS GENERATED BY PARTICIPANTS

Idea	Category Issue Addressed	Summary Statements
Venn Diagram with 3 E circles of travel management. Education-Enforcement-Engineering. The 3Es interact. Signage is education & engineering, for example. There are already some “best practices” that we can standardize and build upon.	3E’s	
Provide access for volunteers to provide the information through the collector app to report areas that need work.	App	
We should be looking at education first before limiting numbers. Understanding land ethics. It is hard to find out what the rules are. Contract with organization and task them to put together an “app” supported by ATV rentals/dealers/tourism accommodations folks. App shows how wide OHV can be, speed, trail locations, what to do when muddy, dusty. You can “push” into the App (trail #1234 is closed for the next 4 days due to being muddy). Needs to be user friendly. Buy your permit on the App. Apps are the way of the future.	Apps	Need one official app that is regularly updated regarding trail conditions, grazing issues, approved trails, etc.
3rd party apps have user created and illegal routes. So not always the correct information. Requires constant comm with map creators and administrators.	Apps	
Collaboration could do buck and rail and interpretive signs. A lot false information is often put on social media sites. An official site would be good to get the correct information out there. Closures for wildlife/seasonal closures are a good idea with gates and signs.	Collaboration	Continue the collaboration that started at the Summit through a working group representing all interests that looks at all issues and creates recommendations to all decision-makers. Use this collaborative group to leverage funding for trail work, education efforts, etc.
Form a trails group to discuss sustainability and work on issues that are of concern now. This group could work with other partners and constituents in managing the system.	Collaboration	
Groups could help out with funding - example: If you are not hunting please don't travel this trail between such and such time. Help out enforcement as much as we can.	Collaboration	
Collaboration could do buck and rail and interpretive signs.	Collaboration	
Do we create an OHV board for future planning and issue consideration.	Collaboration	
Summit needs to continue.	Collaboration	
User and interest groups in another forum and discuss what they can do to help the situation.	Collaboration	

Will take all to work together through their groups and make headway.	Collaboration	
Need federally elected officials at the table to help with the solutions	Collaboration	
Prioritize and put timelines for solutions; go after the low hanging fruit; hold ourselves accountable	Collaboration	
Partnership discussion is critical, get the groups together, plan for solutions, funding opportunities will come up.	Collaboration	
2007 Governor's Task Force set-up to study ATV's—Gov. Rounds.	Collaboration	
Keep up the meetings, preferably in person continually with more consistency.	Collaboration	
BKF was one of a few places open in 2020, so we got abused. Public, and users should come to FS as well as other gov't and local/state agencies and ask "what can we do".	Collaboration	
Regarding the rentals - when someone rents a OHV there is a fee if the machine comes back muddy -- perhaps a reporting process to the FS to disclose the location where the mud occurs.	Communication	Communication solutions need to be found that allow reporting of non-ethical behavior, open gates, regulatory information, current conditions. Solutions suggested are an app, advertising campaigns, messaging platforms and education.
Public needs to do a better job of reporting when they see something. Perhaps a call-in number (hot line) in order to act on it quicker	Communication	
It would be great if information such as grazing dates, closed roads, and other information could be updated frequently.	Communication	
Define the responsibilities of the various types of travel ways. Define roads and Trails, and what is appropriate use on each. i.e. who is responsible for fences, who is responsible for wetlands and water ways.	Communication	Define the Black Hills communities' protocols for trail etiquette.
Communication - who, what age (generational differences), how, and what messages	Communication	
Regulations - clear communication and manage consistent communication among partners.	Communication	
Communication - who, what age (generational differences), how, and what messages	Communication	
We need consistent information. We can all work together to build CONSISTANT information. A combined messaging platform. There is some messaging coming out in 2021 in the hospitality industry – we can build on that.	Communication	

There is nothing on the back of the permit. Information can be added to back of permit so people at least know where to go for the information, MVUM, regulations, size.	Communication	
Along I-90, could we do an advertising campaign? Tread lightly, buy your permits here. Preserving the beauty of the Black Hills. Capture the audience before they get here – preserve the beauty.	Communication	
The Black Hills is our most precious gift. We want to share it, but will not tolerate abuse. Video campaign. Respect for nature. A lot of people do not realize it is fragile. We have to protect it. We need to be more stringent. Longmeyer Days. We really need a high level advertising/outreach/messaging/monitoring/neighborhood watch campaign.	Communication	
<u>OHV marketing plan borrowed from another state – look at Nevada’s. Available online, https://ohv.nv.gov/marketing</u>	Communication	
Encourage manufactures to promote tread lightly and similar campaigns	Communication	
Big into education - trail etiquette.	Education	
Encourage the self-policing of users, that goes a long way.	Education	
Simplify education before restricting use.	Education	
Communication/education needs to be enhanced. Lack of understanding in some publics. Communication plan needed to include social media, multi-faceted approach. Comprehensive plan. Go into schools to talk about OHV use. Take students out in nature to learn land ethics. Have real life experiences for students. What would you do in this situation? Include invasive weeds. News releases. Work with OHV magazines to talk about BHNF. “Know the Code”. Brand the comm plan to incorporate into other media forms. Incorporate volunteers. Trip advisor reviews could be used and can reply to comments to get the correct info out to public.	Education	Create a comprehensive education program that involves business, schools, OHV clubs, agencies, counties, cities, tourism bureau etc. based on the Black Hills OHV trails etiquette.
OHV users have to pass an OHV test before they get a permit.	Education	
Require an online education class for all who have an OHV to get a permit number before they get a permit. Can also help with successful prosecution.	Education	
Production (movie) to be shown to help educate people. Perhaps in your motel room at night	Education	
A lot false information is often put on social media sites. An official site would be good to get the correct information out there. Closures for wildlife/seasonal closures are a good idea with gates and signs. Trying to make small user-friendly brochures to hand out.	Education	
Follow the same information and education process as the GF&P, with regard to their hunting and fishing booklets.	Education	

Create an education video that is required when buying a sticker. This is a required tool for other use areas in NF's (boundary Waters, River excursions)	Education	
There are already some "best practices" that we can standardize and build upon.	Education	
Communicate with Dealers on expectations and regulations; perception that you can do what you want;	Education	
Education - user information needs to get out but lack of clarity	Education	
Education piece that includes the interest groups from this summit with common themes	Education	
Dealerships may want to get involved and become advocates for sustainable riding.	Education	
WY Dept of Tourism, recreate responsibly campaign. With pandemic increased use, may be opportunity to tag onto other campaigns.	Education	
Videos on you tube channel may be a good tool on proper use on trails, QR code to use would be helpful. Trail cameras may be a good tool to use for problem areas, gather information. Closures may be needed in sensitive areas, rotate, maybe alternate years open/close.	Education	
Permit validation and acknowledgement of liabilities for misuse of public lands	Education	
Solutions are there, need to use what we have. Not use 2020 as a benchmark. Avenza works, updated yearly. Need to educate.	Education	
Personal responsibility in hunting instilled through hunter safety course you have to take. Other states have a similar course for OHV. State licensing issue. Trail etiquette	Education	
Financially who's benefitting the most. SD Tourism, campgrounds, hotels, manufactures, local dealers, local groups could kick in some private money.	Funding	
funding is a national issue; would like to talk and partner on a design workshop!	Funding	
funding staffing.	Funding	
Director of public safety in towns. Grant- 5 year to expand police force. "Safer" grant. Municipality takes over after a few years of funding by the grant. Fed agencies cannot always apply for fed grants.	Funding	
Local Forest Supervisor can't just "get" more LE due to stove piped LE FS status. Have state, local people apply for grants and apply it to FS. Ask SD GFP to help out on federal lands. Cross deputizing. SD GFP is also spread so thin.	Funding	
Groups could help out with funding - example: If you are not hunting please don't travel this trail between such and such time.	Funding	

Maybe the state could provide the funding for a reserve officers to focus on enforcement.	Funding	
Could get more revenue through trail books (see Utah Trails), businesses could pay for ads and those funds could be directed back to supporting the Forest Service. The books can be sold as a source of revenue. Retailers could sell them locally. People would donate if they were aware that they could.	Funding	
Financially who's benefitting the most. SD Tourism, campgrounds, hotels, manufactures, local dealers, local groups could kick in some private money.	Funding	
FS need to be accountability on sticker prices. The money needs to be accountable and put back into the system and not put into a "pot". If we earn it, use it. Don't just stow it away. Needs to be transparent.	Funding	
Could get more revenue through trail books (see Utah Trails), businesses could pay for ads and those funds could be directed back to supporting the Forest Service. The books can be sold as a source of revenue. Retailers could sell them locally. People would donate if they were aware that they could.	Funding	Conduct an audit to explore where funding is available and what funding needs exist. Find entities/individuals who will write grants for a remuneration.
There is an opportunity to create a new and different funding source through a separate licensing fee structure through the state of South Dakota. Right now, it is through motorcycle. It would take legislative action, but an opportunity.	Funding	
Visitors are willing to pay more to have access to the things that they need. When out of state visitors come in, they need a temp permit to drive on the roads, could charge there too? Tax on vehicles sold in the state.	Funding	
Portion of the permit funds used on open roads could go a long way to addressing issues	Funding	
Increase permit fees to support the program	Funding	
Properly funding all partnerships e.g. county; for example could fund county LEO's to assist in enforcement	Funding	
Partners are left to pick up pieces with little support and funding; pass through funding to counties to provide law enforcement services.	Funding	
WY—good luck with self-policing efforts. Literature provided by State, collaboratives forming for both motorized and non-motorized groups, county by county, 3 official collaboratives, key is understanding how we can help each other. Adequate funding at ground level is key, stakeholders think large amount of funding is wasted in administration, not hitting the ground. 88% of WY funds hit the ground for the State.	Funding	

RTP program, funding available for motorized trails. USFS not using these funds currently. Fed highways/USFS need to work with each other. RTP from OHV's, through Fed Highways. About \$1 mil/annual, 30% for motorized each year, 30% non-motorized, 40% diversified. Application cycle open now, closes April 9th. Can be used for signs, trail construction, developing trail heads. Recreational Trails Program (RTP). 80/20 match, federal match can be 5%.	Funding	
Grants can be intimidating to prepare, clubs may need help with this. Some guidance or help would be helpful. Conservation districts can help with proposals. SD has planning districts, generally work with cities. Lead/Deadwood as examples can apply for grants.	Funding	
OHV sticker program—Colorado--\$\$ goes back to the State, then goes out to trails for work. Good management crew, builds longer term commitment. Statewide Trail Crew-housed out of FS Office, Stay the trail, Colorado version of Leave No Trace, educate, coordinate role, affect positive behavior. May be a model for South Dakota, multi-funded both state and FS. Individual Ranger Districts apply for grants in CO, can fund USFS seasonals.	Funding	
Spend the Trail permit funding	Funding	
1% of users is problem. Fix is not FS issue. Understaffed and 2020 was not a normal year to make decisions on how to fix things. Funding is out there, need to get more creative on capturing it	Funding	
Outside funding - such as sales of OHV and road funding. Excise taxes on vehicles go to state roads. BKF is unique with joint jurisdiction. County roads on FS lands...how do you allocate \$	Funding	
Something similar to the States Habitat Stamp to generate funds fix the funding shortfalls.	Funds	
Hunting season. I'm not sure if the people out in the side by sides are aware that it's hunting season. Maybe alter the time of riding vs. hunting.	Hunting	The role of hunting in OHV use needs to be explored, as well as the use of OHV use in hunting. This may elicit additional solutions.
OHV is not heavy regulated. Revolutionize the system. FS and GFP relationship in the Slim Buttes area on the Custer-Gallatin NF. Went from open hunting to a draw system. Limited access permits to hunt FS lands even if you have a state hunting license. Break down the hunting dates.	Hunting	
Big game retrieval rule. Are hunters using it?	Hunting	
Maybe alter the time of riding vs. hunting.	Hunting	

Erosion issues - tread depth limit to machines so less impact to the trail tread. Noise enforcement to eliminate abuse.	Impacts	Find ways to reduce the spread of invasive weeds and erosion through OHV use.
Invasive weeds - some trail dollars going to weed control at TH and along trails.	Impacts	
Portable wash stations to clean machines...along with help to show the right way to clean it so we don't get closures due to spread of bad noxious weeds	Impacts	
Norbeck society - educate and enforce -- we need more enforcement--not as much as we should be	Law Enforcement	
OHV association are not against tickets, the bad people are messing it up for all of us.	Law Enforcement	
Talked about having CO s write citations if they run across illegal activity. That would be a way to alleviate the workload on the FS LEOs.	Law Enforcement	
Do have a good relationship with US Atty (Dept of Justice in SD). They will prosecute if case is prepared.	Law Enforcement	
Reaching out to other FPOs across the Forest to help saturate on the weekends, provide overtime for this. Partnership agreements to get help with maintenance	Law Enforcement	
Law enforcement is dealing with the shift from proactive, to reactive. very busy just keeping up with calls and needs. Calls for service are eating the lunch of those Law Enforcement officials that are on duty	Law Enforcement	
Hold people compliant to regulations;	Law Enforcement	
Being able to report abuse: We really need to identify a single source (hot line) for reports and what kind of information the hot line would need. We need a central number & form on what information needs to be reported.	Law Enforcement	
Cooperative agreements with local law enforcements	Law Enforcement	
Disagree on enforcement with citizens, should be law enforcement to deal with this. Need more enforcement from LEO's.	Law Enforcement	
Enforcement of noise level requirements	Law Enforcement	
Enforcement - TIP program like poachers. Photos, videos, reward program. let people police themselves. Advertise the program to have neighborhood watch type activities	Law Enforcement	
Enforcement - not just on the illegal use but also on compliance. Off trail citations need to be ticketed and have been ticketed.	Law Enforcement	
Two ways to enforce - Law enforcement officers and ad campaign TIPS publicly supported and announced. Private collaboration like off-road licensing watchdog/policing	Law Enforcement	More law enforcement is required. This requires more funding. Explore ways to

		enhance the law enforcement capacity in the Black Hills region.
Work through legislation to allow more flexibility for the use of the permit monies.	Legislation	
Create legislation to allow enforcement of regulations for state and county	Legislation	
Are State conservation officers able to issues OHV rules? NO AUTHORITY. Could they become able to? Authorities granted by state legislature.	Legislation	Explore regulatory ways to manage OHV use, e.g. through legislation or licensing.
ATV licensing. Kiosk to print off tags. Plug into wall and prints off registration. Put this into campgrounds	Licensing	
How do you separate OHV use from licensed vehicle use	Licensing	
Live interactive map to show closures up to date. Cell limitations always improving. Who updates the map, publishes map	Maps	
need to make maps simple - leverage smart phone technology gates opened by larger groups and then left open. roll over gates	Maps	
Groups are willing to help make the maps more user friendly. Avenza is very useful and provides more detail and color. Need to be able to supply something for users that like to use different types of maps and technology. People are asking for these.	Maps	Create easily accessible and usable maps with information, trails, conditions, etc.
Need to be able to supply something for users that like to use different types of maps and technology.	Maps	
Suggestion to provide better maps and summary of rules when a permit is sold.	Maps	
Snow trail is looped system that links business, services. They removed all the extraneous road information from snow maps to keep it simple. MVUM is a mess with lines and symbols	Maps	
MVUM elk retrieval zones are confusing.	Maps	
Trail system is small; not many complaints; Most complaints attach to the road system; 80% complaints tied to the road system; Crew funding limits work to trails	Road system	
Traffic problem out on Mystic Road, out-of-town folks are the problem.	Road system	
Fs could do a better job of marking trails -- at all the intersections.	Signage	
Signage is important especially on both ends of a trail.	Signage	
Need a better way of signing so they are not easy to remove or break. Seasonal closures need better education or updating of area needs.	Signage	
Need to improve signing to prosecute. Make sure signs stay up. Post in local newspaper if you have a closure. Need to be aware that you cannot "ticket" your way out of an issue.	Signage	Find robust signage methods.

Sign the Wyo, SD boundary with changing regulations in the neighboring states.	Signage	
More trail confidence markers similar to the snowmobile trails	Signage	
Post closed, using a large sign at least more than a carsonite.	Signage	
Property owners must take responsibility and mark boundary	Signage	
downsize the system until it is manageable and then expand from there if appropriate.	Sustainability	
Continued growth: What is sustainable? What resources will be needed?	Sustainability	
Determining carrying capacity can be difficult. ROS determinations can be used to help. Recreation Opportunity Spectrum—6 categories in the spectrum. Used in Forest Planning.	Sustainability	
sustainability- what is carrying capacity with Ohv traffic?	Sustainability	
Need to look at trail design, legacy trails not designed for OHV recreation - you get resource issues due to using trails not designed for the use. Look at what's out there and is it meeting the need.	Trail Design	Look at use patterns and intensities to improve the trail system in all areas, looking also at connections, re-routings, etc.
Let's start where the most use is.	Trail Design	
Different in southern hills, less designated miles - closed system. our trail system is not being damaged - but damage is to roads	Trail Design	
Roadblocks to outside help such as insurance, environmental analysis. Do we need to develop a group to work under an insurance umbrella and start picking a piece of trail. Would like to see it where the campgrounds could have an "in and out" so a one-way system through the campground. Connect the trails.	Trail Design	
Need to build the trails in a way that is sustainable in the long-term.	Trail Design	
Is the resource sustainable for OHV use? Put money into the trail system. We need to close/re-route when necessary. What is the cost per user to maintain trail system? Upgrade trail system. Sticker cost would increase to maintain trails.	Trail Design	
Connectivity is important, especially for out-of-staters.	Trail Design	
Med/Bow NF—example of limited permits based on parking area. Pilot Hill area.	Trail Management	
The most successful trail systems in other states are run by the state.	Trail Management	
FS has a trail ranger program. Not LE but they can observe and inform. Funded by the sticker program. Need more trail rangers. Can write tickets as long as they are an FPO.	Trail management	

The most successful trail systems in other states are run by the state.	Trail Management	
Need to do a capacity analysis for the Hills trail system, or region surrounding the BH. With that analysis, we could set up Zones and permit by Zone, would spread out use more.	Trail Management	
WY—internal grant routes. Trail Ranger grant-education/enforcement for FPO's, equipment, ATV's, trailers. Statewide Trail Crew in WY—all kinds of trail work, signage. MCP grant, maintenance, construction, planning, trail design. Some work is contracted out. MOU with USFS at Regional Level to allow work on USFS lands.	Trail Management	
Limit numbers of permit/machines	Trail management	
Develop trail systems outside of the National Forest	Trail Management	
Clearly define width of vehicles	Vehicle Width	
62" width - either make it larger, or enforce it as it stands. Restriction devices at entrance points of trails.	Vehicle Width	Clearly define width of vehicles allowable in what locations.
There is a blanket agreement in place with the FS and Black Hills Trail Volunteers (blackhillstrailvolunteers@gmail.com) to coordinate maintenance across the Forest. Efforts are underway to prioritize and coordinate a plan for the upcoming season. Can equipment and supplies be acquired under this agreement, if projects are lined up? It would have more weight if the FS approaches the DOT than if the volunteers or other groups.	Volunteers	
Are we using youth conservation corps?	Volunteers	
Rocky Mountain Elk Foundation would like to coordinate with the effort as well. It takes a lot of lead time to get projects lined out. Can we figure a way to be able to put more resources on the ground and make use of our volunteers during the weekend, be able to use equipment, without all of the red tape.	Volunteers	
Provide access for volunteers to provide the information through the collector app to report areas that need work.	Volunteers	
Set up a non-LE education teams across the region. Outfit them with an identifiable uniform or t-shirt. (ambassador program)	Volunteers	
Would like civilian patrols. Watch over things with volunteers.	Volunteers	
Civilian: Wilderness patrols, Mtn. Bike patrols have been successful and highly organized. More of a presence and education effort, not enforcement role, more of a service role to the users. Ex. Poudre Canyon group in Ft. Collins, CO. Mtn. Bike volunteer group, Boulder, CO.	Volunteers	Create a volunteer group willing to help with patrolling and education.
Volunteer patrols can be a good tool, peer carries a lot of weight with other users.	Volunteers	

Cash for trash program in Custer...way to get areas cleaned up by users. Work with landowners on rules/regs, so can coexist with all the users.	Volunteers	
Need to critically think about having some areas open, some closed, and some with seasonal closures.	Wildlife	
Do an analysis with a financial impact and wildlife needs.	Wildlife	
Co-locating a disturbance like a trail along the road (out of the ditch) helps with wildlife habitat.	Wildlife	
Seasonal closures for wildlife concerns.	Wildlife	
Need to critically think about having some areas open, some closed, and some with seasonal closures. Do an analysis with a financial impact and wildlife needs. Encourage the self-policing of users, that goes a long way.	Wildlife	Ensure as little conflict as possible with wildlife using seasonal closures, trail design and law enforcement.
Co-locating a disturbance like a trail along the road (out of the ditch) helps with wildlife habitat.	Wildlife	
Adding more miles of trails won't solve the problem, have to be thoughtful on wildlife impacts.	Wildlife	
Wildlife: infrastructure is in place (seasonal closure areas) but it is getting abused and not enforced. Start with what we have and how to make is successful, then adapt.	Wildlife	
Wildlife and ohv use can be compatible, but need to use programs: Ride with Respect, Recreate with Respect.	Wildlife	