



FY23 Annual Report to JFSP: Impact Covering October 1, 2022-September 30, 2023

Section 1. Key fire science topics

Activities of the [Alaska Fire Science Consortium](#) (AFSC) contributed to the following key fire science topics in FY23: invasive plant species, vegetation, fire behavior, fire regimes, fuels management, smoke, air quality, and health, wildland-urban interface and infrastructure, economic impacts, post-fire recovery, prescribed fire, and social science and human dimensions.

Section 2. Success stories

In addition to the specific fire science topics listed above, the [2021 FSEN assessment report](#) indicates that Alaska respondents believe that **sharing information and building relationships** are the most important objectives of the FSEN. AFSC views the three success stories described below as resulting from more than a decade of sharing information and building relationships across the management and academic sectors of the community. AFSC also thinks of the three successes as ongoing lines of work, with specific highlights in FY23 demonstrating the impact of AFSC efforts. Each of these lines of work began years ago, and we anticipate they will continue into the future. We note briefly some ways in which these lines of work are interdependent. We also include mention here of planned activities in each line of work to demonstrate continuity of effort. We preface this section with two brief summaries of background information to provide context for the situation in which AFSC and our agency partners operate.

Background: Partnership with Alaska Wildland Fire Coordinating Group

The core activities of the Alaska Fire Science Consortium (AFSC) are rooted in its primary partnership with Alaska's interagency fire management community. This partnership is steered by the 15 member [AFSC advisory board](#), whose membership reflects that of the [Alaska Wildland Fire Coordinating Group](#) (AWFCG), the oversight organization for planning and implementing interagency fire management statewide since 1994. AFSC's ongoing collaboration with the AWFCG and its [committees](#) includes iterative information exchange to develop AFSC's activities to meet the community's [identified fire science needs](#) and advance the use of science in decision-making. AFSC participates regularly in the following AWFCG committees: [Fire Modeling and Analysis](#); [Fire Research, Application and Development](#); Education and Prevention; Fire Danger; and Fuels Management. AFSC continues to be strongly valued, trusted, and called upon as a resource by the overall community. Their feedback has been overwhelmingly positive, and they continue to reach out to AFSC for a range of assistance from help desk inquiries and research collaboration to workshop organizing, direct briefings, and training sessions.

Background: Unprecedented northern fire seasons

The North's rapidly changing climate continues to impact fire seasons in Alaska (and Canada). Both the 2022 and 2023 fire seasons in Alaska were extremely unusual in different ways. In 2022, the season began very early, and an unprecedented area burned in Southwest Alaska, where no communities are connected to the road system, the majority of residents are Indigenous, and fuels are quite different from those of the better studied boreal Interior. In 2023, total area burned was quite low, but almost all of the fire activity followed a significant lightning event in late July, about a month after the "normal" peak of lightning activity. At this point, most of Alaska's operational resources had been deployed to Canada and the Lower 48, leading to a short-term resource shortage when emerging incidents threatened interior Alaska communities. In addition, the truly terrifying scope of the 2023 fire season in Canada has put Alaskans on notice about what may lie ahead and reinvigorated interest in cross-border collaboration in fire science, particularly fire danger and fire behavior tools.

Success 1: Sharing information, advancing collaboration, and modifying decisions in changing northern fire environments

Consistent feedback from our audience since AFSC's inception indicates that helping them understand, prepare for, and share information about climate change's many effects on northern fire environments must be among AFSC's highest priorities. In this ongoing line of work, AFSC relies heavily on our long-time partnership with the [Alaska Center for Climate Assessment and Policy](#) (ACCAP), a [NOAA CAP/RISA program](#), with ACCAP's Alaska Climate Specialist Rick Thoman playing a prominent role. We also receive ongoing encouragement to advance communication and collaboration with our Canadian neighbors. Highlights demonstrating impact in this line of work in FY23 include:

- AFSC's [fall 2022 Fire Science Workshop](#) (October 26; see Success 2 for more details) focused on the unprecedented 2022 fire season in Southwest Alaska, with presentations on the changing climate and fuels of the region and a panel of managers discussing the operational challenges they faced. The presentation on climate and fuels was also expanded and shared with a larger online audience, including many residents of Southwest Alaska, via a joint [ACCAP/AFSC webinar](#) (November 15).
- In response to the rapidly changing fire environment of the region, following an [AFSC-organized workshop in 2021](#) and a series of discussions (many facilitated by AFSC) with relevant interest groups, the refuge manager of the Yukon Flats National Wildlife Refuge [changed the management option](#) for 1.8 million acres of the refuge in 2023. This management change, based largely on science shared via AFSC activities, represents an experimental effort to reduce carbon emissions by suppressing fires on specific areas of very old, ice-rich permafrost—essentially protecting carbon as a value at risk, while also considering firefighter safety and suppression constraints.
- For the third year in a row, the three top leaders of fire management in the state (Norm McDonald, Alaska Division of Forestry; Tyler Anderson, US Forest Service; and Kent Slaughter, Bureau of Land Management Alaska Fire Service) asked AFSC to draft an opinion piece for them about the need for wildfire preparedness under climate change, titled "[Don't let the abundance of snow fool you—Alaskans should prepare for wildfire season](#)". As part of Alaska Wildfire Prevention week, the press release was distributed through agency communications channels and published in early May 2023 as an op-ed in the Anchorage Daily News, the Mat-Su Valley Frontiersman, and the Fairbanks Daily News-Miner, reaching the vast majority of newspaper readers in the state. AFSC anticipates continuing to assist agency staff with preparing a press release on the general topic annually.
- AFSC completed the design and review process for the planned public education signage on the Yankovich Road Fire interpretive trail, discussed in detail in the FY22 report. The signage covers fire as a natural element of boreal forest ecology, the unique fuels of the boreal forest, the management response to the incident, fire effects and successional trajectories, the effects on wildlife, the influence of climate change, wildland-urban interface issues, and Firewise guidance. The signage will include a QR code linking to the AFSC website for more information on each topic. Interviews are planned with homeowners affected by the fire for a [podcast series](#) to document their experience and encourage Alaskans to Firewise their property and be prepared for evacuation. The signage was reviewed by subject matter experts and the AWFCG Wildland Fire Education and Prevention Committee. In addition to AFSC funding, the project received support from the [Alaska NSF EPSCoR Fire and Ice](#) project, U.S. Department of Agriculture's National Institute of Food and Agriculture Hatch project 1018914, and the State of Alaska. The signage will be installed early in Spring 2024, and our partner agencies have asked that we share the digital materials with them for modification and re-use in other locations.

The relevant **key fire science topics** are fire regimes, vegetation, smoke, air quality and health, wildland urban interface and infrastructure, and social science and human dimensions. The relevant **societal impact categories** are: *Conceptual:* We expect that these activities have increased awareness of the interactions of climate change and wildland fire in Alaska and other northern locations in the general public, the fire and resource management community, and the scientific community in Alaska, nationally and internationally.

Instrumental: AFSC's management partners have shared that AFSC was a critical contributor to the changed management decision on the Yukon Flats NWR.

Planned activities in this line of work in the near future include assisting with a Wildfire Roundtable jointly hosted by the Alaska Venture Fund and Environmental Defense Fund (October 16-17), a discussion at 2023 Fall Fire Review about exploring carbon and fire management options in a changing fire environment (October 25), sharing

information about and participating in a Canadian workshop on wildland fire behavior, growth and decision making (November 7-9), and organizing a joint AFSC-ACCAP webinar on the 2023 fire seasons in Alaska and Canada, including presenters from Canada (November 21).

Success 2: Seasonal and topical workshops

In FY23, AFSC led two seasonal workshops and assisted an interagency committee with organizing one topical workshop. All presentations and materials are archived on the [AFSC site](#). The seasonal workshops have been institutionalized into the management community's annual schedule, and it is now routine for interagency committees and task groups to request AFSC assistance with science-related agency workshops.

Seasonal workshops. Since 2014, AWFCG has given AFSC a portion of the agenda of its two seasonal interagency management meetings (Fall Fire Review and Spring Operations) to present fire science content and asked AFSC to serve on the meeting organizing committees. In FY23, both of these meetings returned to in person venues with a virtual option. Using guidance from the JFSP FSEN group, AFSC's Zav Grabinski provided successful tech leadership for the hybrid meetings.

October 26, 2022: [Alaska 2022 Fall Fire Science Workshop](#), in association with Alaska Interagency Fall Fire Review. Presentations included news and updates from AFSC, an overview of the new wildland fire program at NOAA/NESDIS by its program manager (this arose from AFSC's ongoing line of work in remote sensing, discussed in our FY22 annual report), a session focused on the 2022 fire season in Southwest (SW) Alaska (described in detail under Success 1), an update from a research project on fuels treatments, an analysis of structures burned in a 2019 WUI incident, and updates and results from research projects on fire weather and forecasting. Approximately 70 people attended the in person meeting and 41 participated online. Quotes from evaluations include:

AFSC is doing the right work to better understand fire management in AK.

The interagency community MUST use all tools in this quickly changing wildfire environment.

The science-based research helps us tell the changing fire environment story to the public and during budget discussions.

Great presentations, all very relevant to helping understand fire behavior in Alaska in the past, present and predictions for future fire seasons.

You're going the right direction. Managers should be aware of trends.

Great presentation. Very interested in the integration of new sources of data with existing decision support tools.

I would like copies of the presentation to share with SW staff in the spring.

A) really interesting and dynamic; B) love that presentations mention lived experiences of elders--critical info source that is rarely used.

We actually have a fire science program that is also seeking to answer our management questions and improve our skill set.

Jen [Schmidt]'s research continues to be spot on with Alaska needs.

I came away with a good snapshot of work I can use in the future.

The focus on the SW Alaska fire behavior was very useful, as it helped to explain why this was so much higher than historical norms. Many of the other sessions fed into this case study, or should I say the case study made the other presentations more relevant.

AFSC collaboration between academia and fire/land managers is critical for us to make data rich decisions in terms of fuel treatments, defensible space, climate, weather, and vegetation/fuel changes. This partnership brings more horsepower to support fire management in AK.

Alaska is different. We need our own science. We can guess about our management decisions but we need proofs to help back up our decisions and provide us tools and insights how best to do our jobs.

I'm a researcher, not a fire manager--this is great to generate and stress-test ideas and science questions.

I think getting managers and scientists in the same room really helps folks think about problems differently. It also generates relationships for future communication.

Collaboration statewide, among different agencies and disciplines, is crucial to effective fire management in Alaska.

AFSC contributes to better communication and collaboration and sparks new ideas for managers and researchers.

Workshop prompted some ideas and I was able to immediately convey them to scientists and managers in the room.

March 23, 2023: Alaska [2023 Spring Fire Science Workshop](#), in association with Alaska Interagency Spring Operations. This meeting format allowed AFSC to coordinate fire science content with relevant management presentations on fire weather and fuels. Reports from a fire weather research group on their experimental forecast product and other projects on fire weather predictability were bracketed by the Predictive Services Season Outlook and an update on the NWS IMET program, enabling a cohesive discussion of fire weather topics. The fuels section of the agenda was similarly integrated, starting with an interagency report on fuels project coordination and followed by three presentations on fuels-related research projects. Approximately 68 people attended the in person meeting and about 35 attended online. Quotes from evaluations include:

I already reached out to the NAU [Northern Arizona University] folks about fuel breaks and bark beetles and hope to include a recent fuel break in their research. Always enjoy Heidi's [Predictive Services] season outlook and the ever evolving tools for fire weather. The fact sheets and data presented will be useful in public interactions.

It's helpful to hear how fuel management works on the ground.

Great preliminary information. Look forward to future results. I can foresee an actionable product.

Very relevant to current work going on in AK.

AFSC is invaluable for tuning wildfire science to the needs of users.

I believe the research products and the current projects in the works are highly relevant to the fire community, especially considering the changing environment that we work in. Solid science based evidence improves our ability to make sound and defensible decisions.

AFSC has a captive audience that likely has little time to learn about climate trends. I'm thankful that they bring this info to the group.

Topical workshop. AFSC was involved in one topical workshop in FY23 in support of the interagency Fuels Management Committee (see Success 3 for more details), serving as organizers, conveners, and facilitators.

March 7, 2023: [AWFCG Fuels Treatment Planning Workshop](#). The AWFCG Interagency Fuels Management Committee requested AFSC's assistance to follow up on the [2022 Resource Planning for Fuel Treatment Projects Virtual Workshop](#) (detailed in AFSC's FY22 annual report). The 2023 agenda focused on project planning and implementation. The workshop was both in person and online. AFSC served on the workshop organizing committee, hosted the workshop website, provided the venue for the in person and online meetings, helped develop the agenda and evaluation, shared information about the workshop, served as facilitators for the meeting as a whole, and assisted with preparing workshop products. Approximately 37 people attended the in person meeting and 47 attended online. The workshop was followed on March 8 by a joint meeting of the AWFCG Fuels Management and Fire Research Development and Application committees and relevant researchers to discuss current projects, coordination opportunities, data management issues and tasking, and products to support fuels project planning (see Success 3 for some outcomes). Quotes from evaluations include:

Very great information, great presenters and subject matter experts.

I learned a lot today that will help me assist landowners in making informed planning and management decisions.

One of the best workshops yet! Very applicable.

Helpful insights on tree spacing and stand models.

Glad somebody had info for questions we've had.

Super interesting exploration of soils. I had never heard of work like it specifically looking at soil considerations.

Excellent summary of policy--and tied in well with the prior discussions. Highlighted the need for monitoring and effectiveness monitoring by our agencies.

[Information about migratory bird protections] very good to know as nobody had told me about this before.

Good to learn about online resources for invasive ID and documentation.

Decision tool for treatments best suited to landowner goals--awesome potential resources. Helpful info to frame conversations with landowners.

I enjoyed the workshop as a broad survey or cross section of fuels topics and considerations. Meeting the players involved in statewide fuels was also valuable.

Great content and relevance. Many things to chew on--a lot of information gathered into one basket!

The relevant **key fire science topics** are fire regimes, fuels management, vegetation, smoke, air quality and health, wildland urban interface and infrastructure, and social science and human dimensions. The relevant **societal impact categories** are:

Instrumental: These workshops provided specific information on a variety of issues relevant to fire, fuels, and land management decision making.

Conceptual: Evaluation data from the workshops show that the workshops' presentations and discussions increased participants' understanding of the research results, issues, processes, trade-offs, and feasibility of various options and of the information resources needed to support planning and decision making.

Capacity building: The workshops' materials provided useful information resources for participating agency staff and scientists.

Connectivity: The workshops connected multiple communities, including academic and agency scientists and managers.

Planned activities in this line of work include a fire science workshop as part of [2023 Interagency Fall Fire Review](#), which will include visiting speakers from the Yukon Wildland Fire Management Prevention and Mitigation Unit (October 25), as well as 2024 Spring Operations (March 18-21). The Fuels Management Committee recently requested AFSC assistance with a follow on fuels treatment workshop in March 2024, and asked that we expect this request annually for the foreseeable future (see Success 3).

Success 3: Supporting decision-making and research collaboration in fuels management and hazard exposure

With the recent influx of funding directed at hazardous fuels reduction projects, agency staff are tasked to prepare and implement plans for vegetation treatments in Alaska's unique and poorly understood ecosystems and work with residents to gain community acceptance. AFSC has been compiling information and resources on this topic since our inception. A [JFSP-funded research project](#) from 2014-2018 represented a substantial step forward in this effort, and the products from that project continue to be widely used to guide planning and decision making. In recent years, new research projects funded by NSF are gathering relevant data, the AWFCG Fuels Management Committee has been revitalized, and AFSC hosted topical workshops on fuels management in 2022 and 2023 (see Success 2). In FY23, we saw a major advance in AFSC-facilitated direct collaboration among the Fuels Management Committee, agency fuels managers, and a specific [NSF-funded research project on the topic of fuels treatments](#), led by Jennifer Schmidt at the University of Alaska Anchorage. AFSC staff actively nurtured this collaboration through sustained engagement with both managers and researchers to identify areas of mutual interest and opportunities to advance information sharing, field logistics, and development of geospatial products. Highlights include:

- Financial support from the Bureau of Land Management for the research team to develop and share geospatial decision support products requested by the interagency fuels management community: a statewide [wildfire exposure map](#) to guide initial prioritization and location of fuels treatments and a [statewide interagency fuel treatment database](#) to document projects. Plans are underway to incorporate these products into the [Alaska Wildland Fire Information Map Series](#), the interagency common operating picture for Alaska managers, and to continue their development and refinement through ongoing collaboration with the research team and managers.
- Participation by the research team in agency meetings such as the March 7 and 8 fuels workshop and committee meeting, the Kenai Peninsula All Lands All Hands meeting, and AFSC's seasonal workshops (see Success 2).
- Agency collaborations with the research team in the project's internal planning meetings, summer 2023 field work, and enabling access to agency data resources such as NFPORS; collaborating agencies include Tanana Chiefs Conference, Chugachmiut, Bureau of Land Management, Bureau of Indian Affairs, US Fish and Wildlife Service, National Park Service, Alaska Division of Forestry, and multiple municipalities and community groups.
- Graduate students affiliated with the project have been successful in obtaining GRIN awards from JFSP that will enable them to expand their projects to address specific management issues and share information with managers and Alaska residents.

The relevant **key fire science topics** are fuels management, vegetation, invasive plant species, wildland urban interface and infrastructure, economic impacts, and social science and human dimensions. The relevant **societal impact categories** are:

Conceptual: We expect that AFSC activities have increased participants' knowledge and awareness of resources

relevant to fuels management.

Capacity building: The collaborative work with agency staff has increased researchers' understanding of current management needs and supplemented both agency and researchers' capacity to accomplish tasks.

Connectivity: Participants have an increased awareness of opportunities for collaboration between scientists and managers.

Socio-environmental: This line of work has led to increased accessibility of geospatial tools to support fuels planning.

Planned activities in this line of work include invitations from the Fuels Management Committee and AWFCG for AFSC and the research team to participate in interagency planning meetings associated with Interagency Fall Fire Review (October 23), as well as presentations by the research team at the fall workshop (October 25). As noted in Success 2, the Fuels Management Committee recently requested AFSC assistance with a follow on fuels treatment workshop in Spring 2024, which will feature results and plans from the research team. We anticipate working with the GRIN-funded graduate students to accomplish their objectives in summer 2024.

Section 3. Connecting Short-Term and Long-Term Objectives

The impacts described in Section 2 contributed to the following longer-term objectives outlined in AFSC's FY24-25 logic model:

- Scientists utilize AFSC to help design research to meet management needs (Successes 2, 3)
- Managers understand the sources and limitations of data and are confident using data in decision support (Successes 1, 2, 3)
- Increased use of geospatial tools to communicate fire research and operations (Successes 1, 2, 3)
- Increased use and application of AFSC products, fire science research, and new technologies in decision making (Successes 1, 2, 3)
- Increased public support of fire management decisions (Success 1)
- Greater credibility of research-based decision support tools (Successes 1, 2, 3)
- Improved integration of data automation tools (Successes 2, 3)
- Managers have necessary information to think about long-term landscape resilience in their decision-making (Successes 1, 2, 3)
- Improved public understanding of fire science in the context of wildfire events (Success 1)
- Increase in co-produced research and outreach projects designed to address topics of regional management need, such as season prediction, fire danger, fire behavior, fuels management (Successes 1, 2, 3)

AFSC's longer-term objectives include several related to partnership with Alaska Native and environmental justice organizations and advancing understanding of Indigenous wildfire management practices. We have made some progress in these areas in FY23, primarily through identifying key partnerships and projects that are relevant to these efforts, as well as participating in workshops on Indigenous Ways and Western Science and Cultural Humility, organized by other entities. We are heartened by this progress and do not at this time see a need to adjust the objectives. We are aware that such an effort, like everything AFSC does, represents a long-term line of work.

Staffing

Staffing remained stable for most of FY23; all staff are part-time: Director, Sarah Trainor; Coordinator, Alison York; Fire Ecologist, Randi Jandt; Fire Analyst, Mitch Burgard; Science Communication Specialist, Zav Grabinski. Near the end of FY23, Grabinski moved to a joint position with ACCAP as a Geospatial Analyst / Data Visualization Specialist, which recognizes and takes advantage of his unique skills and contributions. AFSC will add Heather McFarland to the team as a part-time Science Communicator, also joint with ACCAP, in late October 2023. We anticipate hiring a new coordinator in FY24 and shifting Alison York to a more part-time role as a Senior Engagement Specialist.

October 31, 2023

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2023 Annual Report

Step 3 - Participants by Activity Table

Details	Attachments	Contacts	Budget	Location	Deliverables	Progress	Annual Reports
Other Products	Final Report	Review Summary	Findings				

Project ID: **09-S-04-7**

Status: **Completed**

Title: **Alaska Fire Science Exchange**

Principal Investigator: **Sarah F. Trainor**

Agency/Organization: **University of Alaska-Fairbanks, International Arctic Research Center**

[Annual Report Instructions](#) 

Reporting Year: **2023**

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Table 1 - Participation by Organization (as shown from your mailing list subscribers)

Organization	Unique Total Number of Participants
Tribal Nations	11
States	70
Counties/Burroughs/Parishes	7
Cities and Local Communities	18
Regional Authorities	0
Private Landowner	16
Private Associations	0
Companies	11
Consultants	6
International	6
University and College Faculty or Researchers	114
University and College Students	48
Prescribed Fire Councils	0

Fire Learning Network and The Nature Conservancy	<input type="text" value="2"/>
Non-Governmental Organization (not listed above)	<input type="text" value="36"/>
Bureau of Indian Affairs	<input type="text" value="12"/>
Bureau of Land Management	<input type="text" value="86"/>
Fish and Wildlife Service	<input type="text" value="38"/>
Forest Service (National Forests, Grasslands, State and Private Forestry)	<input type="text" value="55"/>
Forest Service Research	<input type="text" value="18"/>
Geological Survey	<input type="text" value="8"/>
National Park Service	<input type="text" value="38"/>
Natural Resources Conservation Service	<input type="text" value="1"/>
US Bureau of Reclamation	<input type="text" value="0"/>
National Oceanic and Atmospheric Administration and National Weather Service	<input type="text" value="18"/>
Agricultural Research Service	<input type="text" value="1"/>
National Aeronautics and Space Administration	<input type="text" value="4"/>
Department of Defense including Coast Guard	<input type="text" value="8"/>
United States Fire Administration	<input type="text" value="0"/>
Federal Emergency Management Agency	<input type="text" value="2"/>
Environmental Protection Agency	<input type="text" value="2"/>
Media	<input type="text" value="2"/>
Other:	
<input type="text" value="Canadian subscribers"/>	<input type="text" value="32"/>

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2023 Annual Report

Step 3 - Participants by Activity Table

Details	Attachments	Contacts	Budget	Location	Deliverables	Progress	Annual Reports
Other Products	Final Report	Review Summary	Findings				

Project ID: **09-S-04-7**

Status: **Completed**

Title: **Alaska Fire Science Exchange**

Principal Investigator: **Sarah F. Trainor**

Agency/Organization: **University of Alaska-Fairbanks, International Arctic Research Center**

[Annual Report Instructions](#) 

Reporting Year: **2023**

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Table 2 - Participation by Activity

Activity (conducted, hosted, organized, facilitated, sponsored or produced)	Completed Activities (current year)	Estimated Total Number of Participants (current year)
Talks and Personal Briefings About The Exchange	6	120
Newsletters Produced	17	669
Fact Sheets and Handouts Produced	4	120
Tweets	14	1063
Facebook Postings	60	946
Other Social Media (please identify)	0	0
Blog Posts	6	700
Webinars	4	160
Guidelines or Guidebooks	0	0
Syntheses	0	0
Database	1	100
Conferences/Workshops	3	298

Conference or Symposia Presentation (note participants are for the talk not the entire conference)	<input type="text" value="6"/>	<input type="text" value="180"/>
Poster Presentation (note persons engaged not the entire conference)	<input type="text" value="1"/>	<input type="text" value="15"/>
Short Courses and Continuing Education Units	<input type="text" value="0"/>	<input type="text" value="0"/>
Academic Credit Courses	<input type="text" value="0"/>	<input type="text" value="0"/>
Bibliography or Annotated Bibliography	<input type="text" value="1"/>	<input type="text" value="100"/>
Video/Vimeo productions	<input type="text" value="36"/>	<input type="text" value="267"/>
Requests for Information, Assistance, or Referrals	<input type="text" value="65"/>	<input type="text" value="300"/>
Field Trip, Tour, Demonstration or Roadshow	<input type="text" value="2"/>	<input type="text" value="20"/>
Field Consultations and Expert Cadres	<input type="text" value="6"/>	<input type="text" value="65"/>
Training Sessions	<input type="text" value="2"/>	<input type="text" value="15"/>
Leadership Briefings	<input type="text" value="3"/>	<input type="text" value="15"/>
Podcasts	<input type="text" value="0"/>	<input type="text" value="0"/>
Other:		
<input type="text" value="peer reviewed publications"/>	<input type="text" value="2"/>	<input type="text" value="100"/>

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