

U.S. Department of Commerce
National Oceanic and Atmospheric Administration (NOAA)
Marine Fisheries Advisory Committee
Meeting
Tuesday
August 27, 2024

The Marine Fisheries Advisory Committee met virtually at
2:00 p.m., Jocelyn Runnebaum, Chair, presiding.

Members Present:

Janet Coit, Assistant Administrator, National Marine Fisheries Service
 Hugh Cowperthwaite, Senior Program Director, Fisheries and Aquaculture, Coastal Enterprises, Inc.
 David Donaldson, Executive Director, Gulf States Marine Fisheries Commission
 Jaime Diamond, CEO/General Manager, Santa Barbara Landing LLC; Owner, Stardust Sportfishing
 Thomas Fote, Retired, Recreational Fisherman
 Jamie Goen, Executive Director, Alaska Bering Sea Crabbers
 Amy Green, Director, Center for Science & Technology in Education; Assistant Clinical Professor, Department of Teaching and Learning, Policy and Leadership, College of Education, University of Maryland
 Jim Green, Master/Captain, F/V American Spirit
 Jennifer Hagen, Marine Policy Advisor, Quileute Tribe; Marine Biologist
 Bobbi Hudson, Executive Director, Pacific Shellfish Institute
 Marissa Mercurieff, Director, Office of Justice and Governance Administration for the Aleut Community of St. Paul Alaska
 Meredith Moore, Director, Fish Conservation Program at Ocean Conservancy
 Linda O'Dierno, Fish and Seafood Development Specialist Jocelyn Runnebaum, Ph.D., Chair; Marine Scientist, The Nature Conservancy
 Ryan Prewitt, Chef and Owner, Peche Restaurant
 Kellie Ralston, Vice Chair; Vice President for Conservation and Public Policy, Bonefish and Tarpon Trust
 Sarah Schumann, Fisherman; Owner/Principal Consultant, Shining Seas Fisheries Consulting, LLC
 Patrick Sullivan, Ph.D., Professor Emeritus, Department of Natural Resources, Cornell University
 Clayward Tam, Cooperative Fisheries Research Coordinator, Pacific Islands Fisheries Group
 Brett Veerhusen, Principal, Ocean Strategies

NOAA/NMFS Staff Participants Present:

Caitlin Adams, Senior Advisor to the Assistant Administrator
 Lindsey Kraatz, Ph.D., Senior Science Advisor
 Heidi Lovett, Supervisory Policy Analyst, Office of Policy, and Acting Designated Federal Officer
 Jason Link, Senior Scientist for Ecosystem Management
 Gabriela McMurtry, Fisheries Policy Analyst, NMFS Office of Policy
 Sam Rauch, Deputy Assistant Administrator, Regulatory Programs
 Maureen Trnka, Ph.D., Senior Advisor for Regulatory Programs
 Jenni Wallace, Director, Office of Policy
 Cisco Werner, Director, Scientific Programs and Chief Science Advisor

Katie Zanolowicz, Assistant DFO

Also Present (NOAA/NMFS Staff and Visitors):

Sarah Curry

Corrin Flora

Tom Maier

Peter Melanson

Connie Melovidov, ECO Fisheries Tribal Liaison, Aleut Community of St. Paul Island

Mateo Paz-Soldan, MP Strategies

Will Poston, Policy Consultant, American Saltwater Guides Association

Ali Schwaab

Justine Whitaker

"Jocelyn Runnebaum"

Our proposed recommendations for the ecosystem based management roadmap update. So Heidi I'm going to turn it over to you for your introductions. Thank you.

"Heidi Lovett"

So 1st of all, we definitely encourage all MAFAC members to turn their cameras on if you feel comfortable doing so. I'm going to read the Privacy Act statement and then I'll be doing a roll call. So pursuant to the Privacy Act of 1974 agencies are required to tell people what our authority is for collecting personally identifiable information or PII from them and the purpose of the collection as well as how we are using or sharing that PII and whether or not the person can refuse to provide the PII and what if any consequence there maybe for refusing to provide PII. In order to collect PII at all I'm sorry, in order to collect PII at all in a system of records, even if accompanied by this privacy Act statement, we also have to notify the public generally of this collection, which is, which is what we are doing by sharing this statement right now, and the statement is posted on the MAFAC meeting website. We're sharing this because we want you as participants in the meeting and public commenters to not provide personally identifiable information or business identifiable information or controlled and classified information during recorded virtual conferences. Speakers, sessions, presentations, and any public comments during a federal advisory committee meeting are made publicly available and today this is through this webinar. We're not recording, well we actually we're, we're recording a transcript of the webinar, but we're not recording the visual of the webinar. And we are going to be developing a full transcript. The purpose of this, of noting all of this is that an individual's permission is required for each use of photographs, video, and audio in any format used for communications, outreach interviews, and dissemination of mission products intended to promote an awareness and appreciation of the environment and NOAA's science service and stewardship roles. NOAA's websites and social media outlets must not collect any personal information from children under the age of 13 unless parental permission is involved in writing. So please make sure that NO young children are in the background at all during this webinar while you're on screen. And if that might be a possibility, we simply suggest that you blur your background or use a different background. That is my privacy statement. And I'm going turn to the role call and I will call on staff afterwards as well to have a full record of participation. So Kristina, if when I say your name, please say I and that way I'll be checking you off.

Heidi Lovett proceeded to conduct roll call of MAFAC members. Names of members present are included above.

"Heidi Lovett"

Okay, I will try to keep track of other folks that join as the meeting continues and then I will note that I'm Heidi Lovett, the DFO, the Designated Federal officer for MAFAC. And Katie if you want to quickly introduce yourself.

"Katie Zanowicz"

I am Katie Zanowicz, assistant DFO in the Office of Policy.

"Heidi Lovett"

Sam, are you with us?

"Sam Rauch"

Yes, Sam Rauch, Deputy Director, one of the Deputy Directors of NOAA's National Marine Fisheries Service.

"Heidi Lovett"

Yes, Cisco Runner Chief Science Advisor.

"Cisco Werner"

As you heard, National Marine Fisheries Service.

"Heidi Lovett"

Okay. Jenni?

"Jenni Wallace"

Office of Policy Director, NOAA Fisheries.

"Heidi Lovett"

Having some, sound issues. I'll just note. Jason, I know you're joining us also.

"Jason Link"

Yeah.

"Heidi Lovett"

Gabi?

"Gabriela McMurtry - NOAA Fisheries"

Gabriella McMurtry. I'm staff support from the Office of Policy.

"Heidi Lovett"

Any other members of MAFAC or of NOAA staff that are in attendance? Okay, thank you.

Jocelyn I pass it back to you. Oh Katie?

"Katie Zanicovich"

So you know, we have, three other NOAA staff members online. We have Caitlin Adams, we have Lindsey Kratz, and Maureen Trnka, and then that is all for now.

"Heidi Lovett"

We'll record the attendees listed. Thanks. Great.

"Jocelyn Runnebaum"

I would also note that Jim Green is trying to get into the meeting and should be in shortly, hopefully. I just want to quickly step through the very light agenda that we have today. So, I'm

going to go over our meeting norms after this Meredith is going step us through a presentation and we'll have an opportunity for, questions after that presentation. Then we will have public comment, and then we will dig into our discussion around the draft recommendations from the Climate and Ecosystem Subcommittee on the EBFFM Roadmap update, and then hopefully we will take a vote and end promptly at four so we can get, get on with our days. So Katie, it would be wonderful if you wanted to go ahead, I know you have a million slides you're juggling.

Yeah, so I think that if we go to the next slide, what we talked about in May were these proposed team commitments and norms, so these are always up for discussion. But this is what we have standing right now. Please actively listen. So listen to better understand and not simply to respond or provide feedback. Lean in and lead out, so take up space and make space and share time evenly. Use I statements for your experiences. Please don't speak on behalf of others or make generalized statements. Yeah, this one is super important to please embrace the difficult conversations and, I think my notes have disappeared, so we'll just wing it now in terms of please assume good intent. Sometimes we say things that we don't necessarily mean and it doesn't land quite the way we want it to so acknowledge impact of our actions, and last but not least, curiosity before defensiveness. So if you feel uncomfortable about something, maybe take a moment and think about, or sit with that discomfort and explore maybe why and then get to ask questions.

So Katie for our next slide we have our virtual meeting norms for members, it's great if you could have your video on so we can all be actively participating and present during these conversations. If you're not speaking, please mute your microphone. If you want to, speak, go ahead and raise your hand and we will use the raise hand function to create a queue for speaking. Again, if you have young children that are present, please be sure to blur your background. I think we try to limit the chat to technical issues that we need help with, and we can keep the conversations vocal since that's what gets committed documented. And then for voting, we'll see how it goes. We might need to do a roll call vote or we can do raised hands so, we'll be flexible on that one. Great, so I'm going to turn it over to Meredith and I'm going to go on mute. Thank you. Well, I guess maybe I should pause and say, does anybody have any adjustments or questions to these meeting norms or to our team commitments, Heidi?

"Heidi Lovett"

Also, just for the transcript and for note taking it would be helpful if people, I know when you call on them, you'll, you say their name or if they say their name themselves. And I see Brett has joined us and I'm adding you to the roster. Hello. So just for sake, this is Heidi and then say your piece.

"Jocelyn Runnebaum"

Helpful, thank you. Great. Thank you for that. Okay Meredith, are you ready?

"Meredith Moore"

Hey hi, this is Meredith. I'm now going to lead you through a presentation. If you read the letter you don't really need the presentation, but it's useful to remind everyone what, like what we said. So I'm going to do this relatively quickly, and I will say if there's anything on the slides that where you feel like I've summarized something weird, the letter is the thing that matters. So like for slide reasons, sometimes I have to abbreviate stuff. So the letter is what we're going to be making comments on, the presentation is really just to get us all on the same page about what we're trying to do here. So I, I'm going to do a couple of like opening remarks about, you know, how we got to where we are, and then I'm going to walk through every section very briefly, just the top line of the letter. So everything that's like a bold section of the letter is going to have a slide. And my understanding is that we would like to take any clarifying questions as I walk through the presentation. And so after every one of those slides I will pause, and if you have clarifying questions, we'll take them then so that it's relevant to the material we just covered.

Hopefully no one objects to that because I'm not going to ask for you to modify the procedure, now we're just going to dive in. Thank you Katie, next slide please. All right, so where are we? We are the Climate and Ecosystem Subcommittee or at least I am here, I statements to represent what the Climate and Ecosystem Subcommittee put.

Together as far as our comments are concerned, why are we commenting and why do we have this special meeting? Well, previously, our subcommittee and then MAFAC approved a recommendation to the agency to develop a climate ready fisheries policy and clearly define some concepts around what are climate ready fisheries, what is a climate ready fisheries management system, and what constitutes climate resilient communities and the result of that. Sending that to the agency was a number of really helpful conversations, but also, they subsequently released a revised EBFM policy document and opened up a comment period on the roadmap to implement said EBFM policy.

We've had a number of useful conversations and it's very clear from reading the roadmap that they took our previous comments to heart and really seriously and worked hard to implement that throughout the EBFFM roadmap and policy and we were largely very appreciative of that effort. We have now reviewed the Roadmap and are here today to review and ideally approve our comment letter on the roadmap, and that's what we're about to do. Next slide.

Overall, I would say we like it. It's a good roadmap. It's a good EBFM policy. Largely everyone is, I can't think of many objections, very supportive of EBFM as approach, I think we're well aligned with the Agency's assessment of EBFM in all of the different trust resource management that they do. We think that EBFM is really important to deal with lots of different stressors and ecosystem factors and climate change, and we'd like to see it done more and better and to see more uptake. We're supportive of the agency moving forward with EBFM. We also note and appreciate all the places where they did more obviously include climate in their EBFFM roadmap and policy. But also, I will say we remain preoccupied with the pace of climate change and the comparatively slow pace of our adaptation of our

management system, and our fishing communities to those changes. And so we still feel that the roadmap alone is and the policy alone are insufficient to address those climate impacts to accelerate the uptake of climate ready management practices in US fisheries.

And so, our comment letter is kind of a mix of things. It's largely quite supportive of the EBFM roadmap, but a lot of what we've added in there, we do have some specific feedback on the roadmap. A lot of what we added in there is also like what else we see as needed to address some of the climate and ecosystem impacts that we are concerned about. Next slide please.

Now we're doing the section by section. So I will do one section and then we will pause. Thank you Katie. Go ahead. Alright, the 1st section of the letter is an interesting like philosophical division that we spent some time explaining what MAFAC views versus how we think that the agency is presenting parts of the EBFM roadmap. So fundamentally, again, we're big fans of the EBFM roadmap, but we largely think of EBFM as describing methodologies for managing fisheries. Like these are a lot of approaches that you could use to be more inclusive of the ecosystem in managing our public trust resources. We largely see climate readiness as the objective of fishery management or trust resource management. So EBFM is a helpful system or framework and climate readiness is the state that we want to get to.

And because of this distinction, we're very supportive of the EBFM roadmap and its framework, but this is really the heart of where our feedback lies as far as why we need to see more agency action to actually advance and realize climate ready fisheries in our oceans. I will now pause for questions on this section. I'm going to assume someone's looking for hands.

"Katie Zanolowicz"

I'm happy to look for hands. I do not see any.

"Meredith Moore"

Fantastic. Let's move to the next section. This is the one place where I made two slides for one section because the next one contains our definition. So just know that there are two slides for this section.

We also provided feedback on the agency's proposed definition of climate ready, well, sort of climate ready fisheries, but lots of words, so we'll get into that in those sub bullets. So the agency again took our feedback very seriously, worked very hard to include climate information and climate considerations throughout the EBFM roadmap. We still, again, recommend distinguishing better between what we see as climate ready fisheries as an objective and something that you would want to achieve through management, and also the methodology of ecosystem based fisheries management. So, the roadmap contains a footnote that has a definition for climate ready trust resource management decision making. Our recommendation is that that be pulled out of a footnote and instead expanded into a section that better distinguishes or reflects some of how we are distinguishing between climate ready fisheries and EBFM and also we've provided some additions to the definition, which is the next slide.

And so to read this, did we go there? Strikethroughs are language from the agency's footnote that we are removing, underlines are additions that we are suggesting for the definition. So I'll now read our proposed definition out loud. I do think there might be a verb agreement thing I didn't catch here, so just stay with me as I sound ungrammatical reading this out loud. But climate ready fisheries operationally manages for the effects on, mitigation of, and adaptation to the many ways in which climate change can affect targeted and other trust resource populations, fisheries, and the communities that rely on them. This management should maintain abundant populations that withstand and recover from climate disruptions, preserve ecosystem functions despite changing climate conditions, support the ocean's long-term ability to provide food and support businesses, recreation and culture, and enhance the ability of fishery participants to equitably access these opportunities. So that's our proposed definition. I will pause for questions and feedback.

Rolling forward. Next slide, please. Our next section focuses in on a piece of the roadmap that we were very pleased to see, which is that the agency acknowledged the need to think about on ramps for climate and ecosystem information into the management process. We felt that largely this section could be better expanded. Folks on our subcommittee, those who are maybe a little less familiar with the fishery management process, I think struggled to understand what an on ramp necessarily was or constituted and how it might interact with the fishery management system generally. And so, our comments in this section are recommending that we, the agency expand upon what they mean by on ramps, maybe provide some examples of what some of that could look like or just a little bit more description of what a roadmap, sorry, on ramp is meant to accomplish and how you see that working. We also, in this section, emphasize that the agency is largely focused on getting climate and ecosystem information into the management system. We have also had that pro occupation so we're supportive of that. But that climate readiness should also include fishing businesses and community considerations that like management on ramps aren't going to get us to. So we are looking at, how to, we, you know, our recommendation is that additional considerations should be added around what it looks like to bring the climate and ecosystem factors into thinking around community adaptation and responsiveness. So that's that section. And I will pause for questions, next section, please.

Okay, in this section we highlight, although I will say the list is maybe not inclusive of everything that the agency has going on, but we highlight a couple of things that the agency is also working on that we think should be better harmonized with the roadmap. In particular, the agency is working on guidance or has issued, excuse me, guidance and best practices for engaging and including indigenous knowledge in decision making. We note that indigenous knowledge systems are inherently EBFM systems and that there should be a lot of opportunity to align the work of the EBFM roadmap and to uplift the ability to use indigenous knowledge systems alongside a traditional Western approach to get us all to more sustainable resource management. And so, we've included some notes in there about that section. We also highlight some opportunities around the national equity and environmental justice strategy and how EBFM can certainly be a real help in figuring out how to bring all of those economic,

social, and cultural indicators alongside ecological information into the way that we manage our resources.

I will say we, our comments are focused on the national level strategy and not the regional implementation plans that were recently released around the EEJ strategy, and we further acknowledge that there's a good amount of overlap between the climate and ecosystem fisheries initiative that the agency, is developing. We see that showing up in a few places in the roadmap, we think where those overlap, overlap well, making that a little bit more servicing some of those overlaps a little bit more, noting that, you know, the time frames for these different projects may not exactly align, but folks were wanting to see where CEFI overlapped a little bit more with the roadmap, and so we provide some recommendations around that. That is this section. I'm pausing for questions.

On to the next section. Alright, so the next section we highlighted that EBFM is a really useful framework for thinking about how to support regional planning efforts as ecological and climate impacts affect fisheries management, and so in this section we talk about, you know, we provide some recommendations and sort of our view on how to use the roadmap to better support those regional planning efforts so that we can bring the communities and managers and everyone along, and hopefully increase the uptake of EBFM approaches, and that's the section. I will now pause for questions, spectacular.

Next section, please. Alright, another kind of like smooshed it together section here, but we have a section on the communication and coordination with partners and fishery participants. Our first section we highlight the importance of communication around advancing EBFM and climate considerations. We really focus in on the next section on, how useful fishery participants can be and the importance of communicating this to them and working with them on these issues. We also, again, kind of reiterate the use of social and economic data and how effective and what the opportunities around that are for helping fishery participants manage their own, understand and manage their own vulnerability and adapt to the changes that are coming and sort of the agency's role around that. And we also highlight the need for better integration of local ecological knowledge. We note that that's distinct from indigenous knowledge, but still can provide useful information for managers to understand especially as climate is rapidly changing ecosystems to help us incorporate that information. And that is this section. I will pause for questions. Excellent. Next section. We're close you all.

Alright, in the next section we talk about and support the agency wanting to provide regular, in this case, annual reporting on the implementation of the EBFM roadmap. We think that's a great idea. We'd love to hear from the agency on a regular basis on how things are going so that can think about how we can further support that work. We really appreciate the intent to track milestones in progress and we have some recommendations about how, you know, the numbers, the types of, metrics that you're tracking, should be inclusive not only of process metrics. So that would be like work accomplished to achieve the things that the EBFM roadmap is suggesting, are important components of this like number of reports or workshops or fishery ecosystem plans or that sort of things, but also look to develop some outcome

metrics so that we have a sense of how ecosystem information is influencing management and is being incorporated into management directly. And so, for instance, the GAO did a study that looked at how many FMPs are inclusive of climate information. We offer that as an example of the type of metric that maybe would look at whether the information is making it over the management threshold and into management. Additionally, we have a second sort of chunk of recommendations in here, which is that we really took it to heart I think that the agency suggests that EBFM or ecosystem approaches is the best and right way to manage their trust resources and to achieve their legal mandate.

It's and we note that there's a lot of stuff that the agency does that is still very single species focused, and that could be enhanced by greater inclusion of the types of ecosystem information that's widely available already produced by folks like the ecosystem or integrated ecosystem assessment teams and other folks around the agency. So, we provide an example of the annual status of stocks report, which for a couple of years now has had a section that highlighted the impact of climate change on, you know, making fisheries management perhaps more challenging, but it's not yet taking advantage of all of the ecosystem information that I think like your audience for the status of stocks report, which is Congress would really benefit from understanding the changes of the ecosystem around the stocks that that you're managing and the impact that that has on the fishing communities and businesses that depend upon them. And so, we recognize there's no sort of national level ecosystem reporting but perhaps including a lot more of that into the way that you were talking about how US fisheries are doing would really help, socialize the EBFM approach more and provide some additional really useful context to decision makers and the public. So that is that section and I will pause for questions. Yeah, let me know if I should start a career as one of those people that like reads you stories and then you go to sleep. So, I can make really good slides as you can tell.

Alright, so the next section is, we have two sections left. This one is focused in on our appreciation that the agency did talk about the need to connect to this information ecosystem based fisheries management information and other things into the management process. There's certainly in the revised roadmap, more acknowledgement of the role of councils and other managers in this work. However, particularly with the issue of climate change, we feel there's a real need to dramatically accelerate our action of adapting our fisheries and using the best information we have now to build resilience for the fish populations and also the communities. This is sort of our "what else do we need in addition to complement the roadmap section", which is that we have a recommendation here that the agency find a way to co-develop something like a procedural directive with the council coordinating committee or other relevant managers so that there's a shared approach and understanding for how managers and the science side of the agency will work together to act more quickly, and more deliberately and just like bring to bear all of their associated expertise on the climate challenge that is facing our, our fisheries. And so that's our recommendation there. I'm happy to continue to talk with the agency about the right format for this, but it feels like it's time for a shared understanding and approach between the managers that are partners to the agency

and the agency itself, and so that's our recommendation for this section, and I will pause for questions.

Yeah, final section Katie. Our last slide here is about how useful EBFM or ecosystem indicators and information and also social and economic indicators are for understanding the impact of other anthropogenic stressors on some fisheries and our other marine trust resources and the communities that depend upon them. There's an increasing number of additional things happening in the ocean and in our coastal communities and affecting it. The agency essentially has a, you know, a nice suite of indicators and tracking information that could be used to better coordinate with other federal agencies that are looking at or monitoring or influencing all those other stressors that are happening. We know that certainly the agency is working with these other federal agencies on these issues, but just wanted to highlight the opportunity that we see ecosystem and other such indicators provide for helping those other agencies that are involved with sighting, permitting remediation, pollution cleanup et cetera, helping them understand the impact on, our marine trust resources and dependent communities. And that is that section. I will pause for questions on this one. Great.

And then I have a catch all question slide that I'm not sure that we need, but we can sit here for a second if anyone would like to raise a hand.

"Jocelyn Runnebaum"

Yeah Meredith I'll jump in here and just say thank you very much for the heavy lift that you did on this one and thank you so much to the Climate and Ecosystem Subcommittee for all the work that went into this letter. It's wonderful and I really hope that folks can see their recommendations and their perspectives shining through in that. So, to get back to Meredith's question slide, does anybody have any overall questions or comments or need anything clarified before we move on to public comment?

Yeah, we're all feeling very quiet today, unusually quiet.

"Meredith Moore she/her"

Yeah, we had a lot of spicy subcommittee meetings to get to this point of time.

"Jocelyn Runnebaum"

Great, Jim, please. It looks like you're in a nice spot on a boat.

"Jim Green"

I am in a nice spot on a boat. I want to echo what you said lady chair. Meredith poured her heart into that into this letter and I think everybody on the subcommittee did a great job getting out exactly what their feelings were and what they wanted to see in it and, you know, we had back and forth and what that was, which was real healthy and opened my eyes hopefully from every perspective and I just think everything was really, you know, everything's a little messy when you're in the works, but, but it turned out really nice and I just applauded Meredith and everybody that had revisions in writing on the letter I think it's really well put together. Thank you.

"Jocelyn Runnebaum"

Great, thanks Jim. Okay, Heidi, maybe we should do public comment and then we can, open up a discussion.

"Heidi Lovett"

Yes, but this is Heidi. Let me just check. Katie is online.

"Katie Zanowicz"

Oh. Yeah, we have a number of attendees, and so I would just ask the attendees if you have joined and you would like to make a public comment to please raise your hand, and I will unmute you so that you can provide your comment. I will just wait to see if anyone raises their hand. Alright, so we do have one person that would like to make a public comment, so, let's see. Mateo, so you are unmuted from my end. So in order to unmute from your end, you may need to hit, I believe its star six. It might be star six.

"Mateo Paz-Soldan"

Okay, can you hear me?

"Katie Zanowicz"

I can hear you, go ahead.

"Mateo Paz-Soldan"

Great, thanks for the opportunity to listen in and provide comment. Very ambitious document and so, kudos to people who have prepared it and the guidelines. I also very much like the recommendations. One thing that jumped out at me since I worked for a community in this case, the community of St. Paul City and the Pribilofs, was on page 36, guideline six, the guideline that deals with human and socioeconomic interactions. There was a reference there to, to national standard eight, and that's, that's great. It anchors the discussion in that guideline, in that EBFM guideline in the national standards into a legal standards, but it seemed to me that there was some references potentially missing on the subsistence component and the tribal component. While those are mentioned, there are references in the national standards, certainly.

The national standard four guidelines on Indian treaty rights as they relate to fisheries in this context and in that guidelines under the context of allocations, but to the extent that ecosystem based fisheries management does, will in the future involve allocations that that's something that ought to be brought out. Similarly, there might be legal references to trust responsibilities and subsistence rights that could be incorporated in the document that would strengthen that portion of the guideline. Thanks.

"Jocelyn Runnebaum"

Great, thank you Mateo.

"Katie Zanolowicz"

Alright, so are there any other attendees that would like to make a public comment? This is your chance, so if you do want to comment, you can just raise your virtual hand. Alright, seeing none, I think we can proceed with the next item on the agenda.

"Jocelyn Runnebaum"

Great, thank you. So I think now we will, well I'm going to try this. If there are any discussions or clarifying questions that people would like to have right now or like to make right now, let's do that. Otherwise I'm happy to entertain a motion to approve these MAFAC recommendations on the EBFM roadmap and we can have further discussion after that.

"Jaime Diamond"

I'll make the motion to approve.

"Jocelyn Runnebaum"

Take that in here.

"Jim Green"

Thank you Jamie. I'll second that.

"Kellie Ralston"

I'll second.

"Jocelyn Runnebaum"

Yeah. Right, we have Jim and Kelly seconding. So, I think Jim jumped in first. Great, thank you both for that motion, and the second. Does anybody have any discussion or questions that they want to raise at this time? Everybody read it, they love it.

"Jocelyn Runnebaum"

We're feeling good with the recommendation. We can all get behind it. Alright, let's vote. Heidi, do you want, do we want to do a roll call vote or should we just see if, those who want to.

"Jocelyn Runnebaum"

You have this, ok, what it.

"Heidi Lovett"

Sorry, you were nodding to what? This is Heidi. I think you can just do a call. People can go off mute and say yay or nay.

"Jocelyn Runnebaum"

Oh. Maybe we'll do the raise hand. So if for those in favor of passing this motion to approve these recommendations to be sent to the agency, with NO edits or changes. Please raise your hand now.

"Jocelyn Runnebaum"

Okay, alright.

"Heidi Lovett"

I see all members raising their hand.

"Jocelyn Runnebaum"

Great. Thank you very much. All right. So Katie will, or I think it's Katie will, create a final version and we will put on a little introductory letter to have signed and sent over to the agency. Meredith?

"Meredith Moore"

I just want to say thank you to the subcommittee. I learned a lot from all of you putting the letters together and really appreciate all your input, and the conversations we had and also thank you to the full MAFAC committee for approving it. I'm really pleased. So thank you.

"Jocelyn Runnebaum"

Awesome. Thank you all so much. I know that was a big lift for getting that together, so I really appreciate all that work. Heidi or Katie, do you have anything else?

"Heidi Lovett"

Jocelyn, you have two raised hands.

"Jocelyn Runnebaum"

And Tom Fote. Tom, you look like you're, you have something. You want to contribute.

"Thomas Fote"

Yeah, I just want to thank you all for the hard work you put in on the committee. There was a lot of give and take here and a lot of compromises made. I think you did a great job of putting. I just wanted to thank you for all your hard work and for the rest of the committee.

"Jocelyn Runnebaum"

Thank you so much, Tom. Ok, so we have a very exciting meeting coming up soon and I don't know if, Katie or Katie you want to offer any comments ahead of our September meeting?

"Katie Zanowicz"

Meeting in Kodiak, AK September 10 through the 12th. Everyone should have received the agenda. If you have not made your travel arrangements, please do so, but I think I've talked to everyone that is planning to travel, and if you have any questions leading up to the meeting, feel free to reach out. While I have the mic, I'll just give a huge thank you to the planning team that has been really instrumental in developing the agenda for this meeting, which is something new that we are trying. So just want to give a huge thank you to all of you that have been helping. So I'm really excited. I can't believe it's less than three weeks away. So get excited, and if you have questions again, just feel free to reach out.

"Jocelyn Runnebaum"
Okay. Go ahead, Heidi.

"Heidi Lovett"
Yeah, this is Heidi I was just going to say I have nothing additional to add except we're all looking forward to seeing you in person.

"Jocelyn Runnebaum"
Yes, great. Thank you so much to the planning team and Katie for leading those meetings. I know it's been a big lift for especially those that Brett and Natasha, thank you for all the effort you've put into planning so far. So thank you all very much for.

"Jocelyn Runnebaum"
Very speedy meeting. I hope that you all stay well and we'll see you in September in Kodiak and I think that we will just adjourn this meeting.

"Heidi Lovett"
Have a nice afternoon.

"Jamie Goen"
Morning everyone. Thanks everyone.