

RDA ESES CoP interest meeting

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SPEAKERS

Connie Clare, Kristina Vrouwenvelder, Nick Jarboe, Lesley Wyborn, Shelley Stall



03:01

showing me hear me okay. Yes, yes I can.



Shelley Stall 03:14

I tried to see if I could give you permissions right. But Brandon has has control



Kristina Vrouwenvelder 03:23

and I'm worried. So I've got the video cued up here. Can you tell me if you hear it once I start playing



03:32

excellent, then we're good to go.



Shelley Stall 03:34

I did not hear it.



Kristina Vrouwenvelder 03:36

Oh, you didn't hear it. Okay, let me try again.



Shellev Stall 03:38


Did you push the optimized for sound?

 03:44

Let me look optimized video clip sound. Yeah. Wonderful. Thank

 03:51

you so much. So thanks so much for inviting. Yeah,

 Kristina Vrouwenvelder 03:54

that's fine. Yeah, I'll make sure to press that option when I start

 04:02

oh my gosh, Nick's gonna Yeah

 04:14


hello, hello Shelley, how are you doing these days? Really good. Good. How are you doing?
Pretty good.

 04:26

I've moved to Colorado from California and enjoying a skiing this this year. So it's been great.
Oh, wow. We're in Colorado, Glenwood Springs, which is at the end of the Roaring Fork Valley
where Aspen is at the other side. So it's sort of in the middle of Colorado.

 04:45


Close to Fort Collins.

 Nick Jarboe 04:48


Many, many hours, three hours, four hours, something like that.


 Kristina Vrouwenvelder 04:52


Depends on it. They'll pass it then or not.


 04:55
Exactly.


 Shelley Stall 04:58
Fun fact. Christina is taking a trip to Colorado this week.


 Kristina Vrouwenvelder 05:05
Yeah. So I thank you. I went to school in Boulder. So I love going back.


 05:13
Yeah, it's a beautiful place. I grew up in northern New Mexico and then was in the Bay Area for a few decades. And decided to get back to the Rockies. Nice.

 Shelley Stall 05:27
Our first meeting was really fantastic. So I'm hoping this one is anywhere any I'll take anything

 05:40
Oh hello.

 Shelley Stall 05:41
Natalia. How are you?

 05:43
I'm good. How are you? Good. China.

 Shelley Stall 05:50
Gosh, I It's good to have your organization represented. That's fantastic. And Mark,

 06:00



thank you for making a lovely Australia friendly time.



06:03

Ah, ah,



S Shelley Stall 06:04

I hate you. No one has to.



06:08

One is obligated. Although we did have books



S Shelley Stall 06:13

from Python earlier and they were a little annoyed with this



06:17

Yeah, yes, Australia is huge. Yes, it is. Is Natalie



S Shelley Stall 06:31

oh my gosh surely it's in Mark and Karina?



06:40

Oh, my



S Shelley Stall 06:41

friends are here. This is no by the way, no one wants to play so badly. So I likely will have to deal with that but so far he's been ouch okay. He



06:56

was being quiet. No this month



07:05

what do you want for a dog? Oh,



Shelley Stall 07:07

my gosh. Yeah, we're the puppy teeth are gone. He actually listens to you and you yell at him and frozen peanut butter.



07:19

And cuddles are the best. He's less than 20 pounds. So life is so much easier.



Shelley Stall 07:30

I don't know what that is in kilograms, guys. I have no idea. Like added a big sack of potatoes. It's pretty easy.



07:39

Apple Bulldog or our basketball laundry right there.



Shelley Stall 07:50

This This had the least number of registrations of our two meetings, but we'll give it a couple of minutes. Either you're waking up or you're getting ready for dinner



08:07

ah



Shelley Stall 08:07

All right now we can start mostly sir



08:16

goodbye, how is



08:19



C? We've got a few cells these will so we got I thought I'd get in trouble if I didn't show up Lesley. That's for sure. I'd be on the straightaway



Shelley Stall 08:35

boss is your Foster was here. It was the first one. So we have we've crossed over now. Yay.



08:43

Who was here at the first one.



Shelley Stall 08:45

I want to I guess I got



08:49

I was here this afternoon.



Shelley Stall 08:51

Excellent. Excellent. Sam, it's good to have you. Hello. We were we were talking about notebooks now. Earlier today. So you should be getting some email soon. So just in case your ears are buzzing. Yeah, definitely. Yep. That's we're going to spin back up so everybody's excited.



09:15

All right.



Shelley Stall 09:16

I think we're good I'm gonna you know what I didn't do I didn't do have to leave a little early. So just so you all know, again, before a half an hour I have to go pick up my son at school. Okay, gotcha. We won't panic if you leave early. I'm gonna give Christina the ability to be a co host and we'll unpause the recording. Here we go. Great. All right. So we're recording because we kind of did this a bit last minute and it wasn't intended to be last minute but I was on vacation and I couldn't get my act together soon enough. So. So welcome, everyone. I'm Christina, do you want to join to kick us off and guide us forward?



Kristina Vrouwenfelder 10:00



Christina Vroemenveld 10:30

Yeah, sure. So welcome, everyone. For those of you who I haven't met, which is probably most of you. I am Christina. I joined eighth year in September, after a background as a researcher at some time in publishing, and now I work on Shelley's team, doing open science work, and I'm so excited to be here. We have asked you all to be here today to discuss the idea of forming and Earth space environmental science disciplines included and named TBD. Community of Practice, in partnership with the RDA and we really want to get community feedback on this and what the community thinks what kind of outputs should be included. So we have a feedback link, a feedback form link. I'm going to put in the chat right now. Please, if you have comments at any point after this meeting, during this meeting, please go ahead and put them in there and also let us know if you want to possibly be included going forward. So today, we're just going to start out with Shelley kind of framing so that the motivation for this community of practice that we see what could we achieve, and again, that's what a survey comes in a put in what outcomes you would like to see this group achieve. Then we have a recorded video from Connie Claire, who's the commune Development Manager at the Research Data Alliance. And we'll play that unfortunately, Connie can't be here to answer questions. But again, we can connect you with her if you do have questions, and then just some time for open discussion of what this community of practice might mean. So with that, I put the survey link in the chat. It's also a fun screen and I'll let Shelley take it away.



11:45

So hi, everybody.



Shelley Stall 11:47

My husband wants to know what's time for dinner, so I'm gonna let him know that I'm on this call for another hour. I love you very much, sweetheart.



11:56

Okay, great. Go



Shelley Stall 11:57

for a walk. Okay, great. All right, sorry. You're Yep. That's what happens when we're working around the world and all the time zones are part you are here. So thanks, Christina. Many of you know that AGU has a position statement on data and if you've ever listened to me give a talk I usually start the meeting or start my talk with this slide. If you can go to the next slide. It's just a variation on this one. The the work that we do the earth and space sciences, those that observational data is is critical. You know, for as far back as we have it and apparently futures we've got it. We this is this is our world heritage. And my husband wants me to know what I want for dinner. Hang on a second pause just one moment please. Here would be lovely. Thank you, sweetheart. Sorry. Yeah. Isn't that patient with me right now. So the, the observational data is critical. We all know that. And the other thing that I like to talk about is not only our data but how we're working as a community. So if you could go on to the next

slide, please. This is a newer version of the picture although the website is it was put up in 2019 by nature, they celebrated their 150 years. Back then, and they did this really cool analysis on their publications. And they built a knowledge graph. Where if two papers, referenced another one, you got these dots that connected and it's a fun interactive and you'll get access to these slides and the link is in the notes and you can go explore it. So what I want you to see here is off to the right is a yellowish color, and this is the earth and space sciences. And yes, our history is long and vast and gorgeous. But we also have a number of yellow dots that come into space of the other disciplines. And so our work not only matters within our community, but it very much matters as we impact health, chemistry, biology and beyond. So, so we're not only you know, building common methods and practices within our own community, but we have to make sure they make sense for other communities.



14:38

Next slide.



Shelley Stall 14:41

This the next one is another slide I like to use and this is the one that it's just seems so very simple, but it's massive. This comes from the same data set that you just saw in the interactive graph. And what it shows you are the nature papers from the last 115 years. Well here you've got them from 1950s and the single author paper is nearly gone. So if you had an inkling that that was true, we've got fact I mean statistically gone of course you're still going to get them every once in a while. Teams authors from a single country is shrinking. And authors from more than one country are international papers is growing. Our it really demonstrates especially now this is from nature, so it's a broad number of topics, but in the earth and space sciences. It's even more so the work like oh my gosh, the horrible thing that happened today in Turkey. Those that seismic activity, which is devastating, was you know, read and captured all over the world and the impacts and the science, the first first disaster and recovery, and then you know, how can we have more early warning systems? So so the impact that things like that have broadly is huge within our community. So then the next slide is bold of me so I will I use it because it's simple. It's a great slide if you want to argue with me, especially before at a bar.



16:21

But it makes the point.



Shelley Stall 16:24

You're not going to have a research team with just one person. You can't make our sciences too complicated. And in fact, it's going to be international collaborations. And because it's international, you're going to need to see the research that's happening worldwide, and you need to be able to discover it. You need really good documentation for what the data is and the software that went into that research. No matter what the what the language is of the authors you're going to need to be able to dig in. And all of that data in software needs to be interoperable. No matter which research team created it accessible, no matter who wrote it.

And you we could easily have a lot of fun Sally, there's more than just Jupyter Notebook, Sally data, it has to be accessible to Sure. Yep. All of the things you say. Remember, it's a simple slide. The idea was to get a simple point across and also that's the licenses everything needs to be open and reusable. So that has to play here too. So this is this is the premise for a community of practice at RDA. And this is what we'd like to stand up. And by we I mean, all of us. So this is a when you listen to Connie's talk she's going to walk you through what this means within RDA get. The term Community of Practice has a specific definition in RDA, so give her a moment to explain that to you. If it's bugging you right now, just hang tight. We'll we'll it'll, it'll all be drawn out.



18:02

But what's most important is



Shelley Stall 18:06

if you're here, it means you're interested. And if you're interested, you might need something that needs to be addressed. And the form that Christina has in the chat, which I'll put up again, or she'll put up again shortly. What it doesn't work unless you have skin in the game. So however the charter gets written, however the objectives get written, it's really important that we meet the needs of the community at want to be involved. And so this is the outreach, you know, what are the kinds of things you want to work on? What matters to your community? What will move the ball forward for the kinds of things that so for RDA, it's around data, it's around being open. It's around being fair. The new we know interoperability is a crazy problem. And there's layers and layers of issues, concerns, challenges opportunities ahead of us. But together we can make a lot of progress. If it all matters to all of us. To do the thing. So next slide, please, Christina. Ah, great. So just reiterating what I just said making sure we do the survey and if you have any questions you can reach out to Christina our I. You can also reach out to the folks at RDA if you're trying to figure out how things connect together. And I think it's a good time, Christina to bring in Connie's talk. Does that make sense?



Kristina Vrouwenvelder 19:38

Let me cue that up right now.



Shelley Stall 19:40


Okay, so Connie gave a talk earlier she couldn't be here today, as Christina said, and we have it recorded. Are we only talking about observational data meaning measurement? What about modeling data? Is that part of the it's in comes in? Okay. It's an it's just that. Data is a world heritage. It's it's hard to say that simulation data's world heritage. So I'm always a little careful how we say that.



20:04

Right? Okay...


Right? Okay.

 Kristina Vrouwenvelder 20:07

All right. Let me know what the sound isn't coming through.

 Connie Clare 20:09

Might be actually better if I can share my own screen if that's okay. Just because I've got few animations in it'll be easier if I don't have to say next all the time. I'll just share the screen so hopefully everyone can see my slides.

 20:24

Can everybody see Okay, looks good?

 Connie Clare 20:27

Yeah. Wonderful. Thank you so much. So thanks so much for inviting me today here to this meeting such a fantastic turnout and I'm delighted to be able to talk a bit about the ideas communities of practice. So for those of you who don't know me, my name is Connie Claire. And I started working out the RDA as the Community Development Manager for the RDA foundation. So I take quite a global position. I'm not really affiliated with any of the particular regions, but I am part of the Secretariat with the RDA and I liaise with the different governance bodies so the Technical Advisory Board, Regional Advisory Board, the organization advisory board, and also the council. But I do a lot of my thinking in terms of bringing the different community groups together and that's where talking about communities of practice is going to be quite important. So, for those of you well I'd first of all, just tell you what we're going to cover today I want to give a little bit of background about the RDA for anybody that is new to the organization. And then I'll talk about the different kinds of groups that we have. And then we'll focus in on communities of practice. Talk about the value of communities of practice and why they're important how to set one up what the membership and the leadership might look like. And then some key expectations and what what's required. So, a bit about the RDA, so we're actually celebrating our 10th anniversary, which is quite exciting. So it was established in 2013. And I think it's nice just to reflect back and think about what the RDA has actually become over the past 10 years. So it's a global consensus based and community driven organization and it comprises more than 13,000 international data experts. So it's quite a large organization. A large community. And the RDA is supported by more than 70 organizational and affiliate members and 35 regional networks from 145 different countries. So we're spanning a large geographical area, and those affiliate and organizational members and the regional networks have this shared vision and see the importance and the value of data sharing and reuse. And the community work is achieved by 100 different community groups. So we have working groups, interest groups, and now communities of practice and the committee and the community groups. are responsible for these flagship recommendations and outputs which are openly and publicly accessible. We have 75 of those. So just to share the broad mission and vision so the RDA creates a neutral platform to bring various different stakeholders,

researchers and innovators together to build the social and technical bridges to enable data sharing and reuse occur across geographical, technological and disciplinary boundaries. And I think that's really key to think about with this community of practice. And just to share our guiding principles, because they're also very important and at the heart of the RDA, openness means that the membership is open to anybody who wants to be part of the RDA that will adhere to the guiding principles and the meetings and also the community work is always open. It's consensus based. So that means that processes and procedures in place are agreed with consensus. We're inclusive and take a broad and balanced approach to the membership and also the community work. We want to harmonize where possible data policies, standards, infrastructure, technologies and communities. Were community driven so it's a bottom up grassroots community of volunteers that are supported by the secretariat. And then finally, just a reminder that we're nonprofit and technology neutral so we don't promote, endorse or sell any commercial products. And the emphasis here is being placed on making sure that all the recommendations and outputs are open and reusable. So at the heart of the RDA, we have three different mechanisms whereby the community work is achieved. The first one is working groups. So these are finite groups that last roughly for around 12 to 18 months and they're working on concrete deliverables. So the development and implementation of tools, policies, practices and products related to data management that can be really adopted and implemented in a real world setting. Then we have interest groups, which is a slightly broader focus but still focusing on solving a specific data sharing problem and developing infrastructure and solutions to tackle those issues. And this time, the working group can be alive as long as the group is really active, so there isn't a cut off point like there is with the working groups and interest groups can actually create their own recommendations and outputs. But a lot of the time it leads to the evolution of new working groups to take that on. And finally, I think it just useful to paint the picture of how it all works. But what we're focused on today really are communities of practice. So this is a fairly new type of group that was established in December 2020. And the communities of practice take a more disciplinary focus. So it's more of a coordination role linking what happens within the RDA to external communities and external organizations to really raising awareness of the work that's been done in those different types of organizations. So this is why it's called an umbrella group really, because it's much larger in scope. And it kind of encompasses some of the interest groups and working groups within the RDA. So again, the timing is indefinite. It can last as long as the community of practice is running for but there is a review process every 18 months and I'll talk a little bit like about that at the end of the presentation. And, as Shelley mentioned, or Christina mentioned at the start that we do have one community of practice already improving global agricultural data and I'll just share a slide with some more information about what they're doing. So the idea as I mentioned, is to build bridges within and across the RDA and also externally and through a community front through a community of practice, give rise to new interest groups and working groups where possible. So the I got Community of Practice currently have four co chairs. This group is a forum for sharing experiences and really getting visibility to different data challenges in agricultural data. So promoting best practices sharing experiences within the domain, but also promoting the RDA recommendations and outputs and establishing a robust network of organizations external to the RDA to be able to really disseminate and promote those RDA deliverables among the wider research community. So you can see the achievements here in the top right have come from two working groups within the RDA. So we've got the wheat interoperability, working group recommendations, and the agro semantic Working Group recommendations and the kinds of things that this work at this community of practice are involved in going forward is a World Fair European project which is an RDA also partnered with CO data, supporting pollinator data interoperability framework. And also they're interested increasing engagement within eastern Europe and they are actually running a session at the 20th plenary in Sweden in Gothenburg where they'll be thinking about the next steps and what

they're going to be doing. So just a few more details about communities of practice. The aim of course is to investigate, discuss, provide a place to exchange knowledge and skills within a specific discipline. So within, in this case, the Earth space and Environmental Sciences, and again, serve as the coordination focal point for that discipline. So the idea would be that this community of practice within the RDA would be reaching out to other organizations externally creating those connections and links and making sure that any work that is done within the RDA can be disseminated and also fed back through to the RDA if necessary. So that there's a commitment either directly or indirectly to enabling data sharing exchange interoperability. And the idea of communities of practice kind of evolved because there was already some disciplinary work going on within the RDA community and I can show this by sharing some of the discipline specific interest groups that already show a bit of a window from the RDA to the outside world. And these are three that I've just picked out today. But there are other working groups obviously, we've got the asset space and Environmental Sciences interest group. There's a geospatial interest group and the water Global Water information. Interest Group but as I say, this list is not exhaustive and there are others that are also working within this domain. So the value of community the practice really for its members, I think you can probably already see that having this kind of global forum and having an open forum for discussion, development and maintenance of various different data solutions can really help in a disciplinary context. Members can really learn about disciplinary trends and they get a real like international view of things. They can exchange knowledge, experiences and best practices from around the world and troubleshoot solutions with a global community, which I think is quite helpful. And hopefully, you know, and I'm speaking quite generically here and I'm sure you can think about this in your own context, but really being able to overcome some personal challenges within your own disciplines and implement solutions and think about how the current RDA recommendations and outputs can possibly be adopted and changed and implemented in real world different contexts. And of course, we hope that communities of practice can also help its members to grow and expand their professional network.



30:18

So how to create a community of practice, like with the working groups in the interest groups, where there is a formal process, it's the same for a community of practice. Whoever sets this up when the idea kind of comes to fruition, they have to draft an agreement, and this is then sent to the Secretariat via email. Or it can be submitted via the web platform, and I've added the links in here so surely you can share the slides around and people can have a look and read some more. And the criteria is that a community of practice should really evolve from at least one current RDA interest group or working group and preferably one that has RDA endorsed recommendations and supporting outputs. But we've already seen that there are a few interest groups and working groups within this area. And then the agreement would then go under a six week community review so it goes to the technical advisory board organization Advisory Board, the Regional Advisory Board, it goes to the wider RDA community for comments before then go into the RDA council. So it's quite heavily reviewed. And within that agreement, this is a very high level itemization of what's included but obviously identifying the domain or the discipline that you want to tackle, and any goals and objectives and outcomes that you see the community of practice should focus on. And it should also include like milestones and a timeline of how this is going to be achieved. So a strategy for how you will increase membership and how you will engage external stakeholders for example, and how you'll identify new members and who the co chairs might be and kind of the level of community support. So who's going to help to drive and maintain the community at least over the first 18 months. So in terms of membership, and also leadership, there should be at least three co chairs from three

continents. So we want to really encourage a diverse geographical balance of leaders and the co chairs would serve as the point of contacts who are responsible for driving the Community of Practice overall and being responsible for engaging with others and making sure that the communication is key within the membership, but also external organizations. They're also responsible for maintaining that organizational structure to make sure that the quality the scope, the timeliness, the usefulness and the progress of the work is achieved. Membership as with everything with RDA, it's open to anybody who's interested as an RDA. Member, anyone could join the community of practice, but we would like to see a membership spanning 10 countries from three continents just to again get that diverse geographical representation and this can include the organization and affiliate members of the RDA regional members and also members from lower and middle income countries. So focusing on the global south. So finally, just some key expectations of what we'd like these are quite general so you can kind of interpret these as what you think within your own discipline. But it's makes sense really, that the first one would be raising awareness about open and fair data and software and research outputs in general. We expect that the community of practice should focus on advocating and implementing good research data management practice within the discipline and policies and also not forgetting again, I keep saying it but trying to get those RDA. recommendations and outputs to be used within the discipline, highlighting the need for various different technical social infrastructure to help and this might lead to the development and the emergence of new working groups and interest groups. Another expectation is to link with existing communities and initiatives so not forgetting there are the fantastic communities within disciplines that are doing great work. So how can the RDA also collaborate with and harness those and build the social technical and disciplinary bridges with those organizations and thinking about industry also, you know, governmental organizations as well as different kinds of associations, all sorts of different kinds of organizations there. And the community of practice should offer insight into disciplinary challenges and solutions should welcome and engage new members to the RDA and also think about pursuing discipline specific funding opportunities. So the final slide, you'll be pleased to now come into the end of the presentation. But once the community practice has been established for 18 months, there is a review process as I mentioned, and this really entails a public report that is drafted by the community of practice. And then it's submitted via the web platform. And it's then reviewed by the technical advisory board and also the council. It's a two week process. And essentially, this report should give an update on how the community of practice is developing over time, whether it's achieving its goals and objectives. And the different types of engagement and outreach opportunities and activities as well as any metrics, how the membership has grown over time. And it should also identify any significant interactions with key stakeholders and how the community of practice is being supported or is supporting. So on that note, I'll stop speaking and we'll stop for questions. And if I can answer as many as possible I will do. If not.

 Kristina Vrouwenvelder 35:32

I'm going to stop it there because unfortunately we do not have Connie here to answer questions, Shelly and I can do our best

 35:38


but yeah.

 Kristina Vrouwenvelder 35:44

Directors do now is just have sort of a general discussion of any feedback, comments questions you might have about the community of practice. We are happy to direct you to Connie for questions of a technical nature about RDA, but we're would love to discuss discuss your ideas on the scope of this project.

 36:08


Yeah, Leslie. Um, yeah, I

 Lesley Wyborn 36:11


just want clarification over the existing Earth's posted Environmental Science interest group. From listening to this, I just think it'd be easier to wrap it up into this community of practice.

 36:26

And not continued. Oh,

 Lesley Wyborn 36:30

I just want it we're just sort of suggesting that. The other thing I wanted to say is what do we call it? It is the Earth and Environmental community or what what's what's the name?


 Shelley Stall 36:46


So let's say you are co chair with me on the IG. I how engaged the IG would be I think there's an opportunity to have that conversation. So this is the the E SIP RDA Earth space and environmental science IG which is primarily been used for awareness although we are hosting two working groups. One whose charter is being reviewed right now by the council around complex citations, which will be actually useful beyond our community but but housed in Earth as baselines and then the other one having to do with domain repositories and journal journal workflows. Building on work from the RDA as well as work that's happened in other places, including cop deaths, including e sip. So so this is depending on the objectives, or I think this builds on it. I'm not sure. I'm not sure that it's a full replacement


 37:54


at all the other way around is that most of what we do is you know, in the ESC s IG is about infrastructures and projects. So we put that back or get that into the title





 38:11
of that.

 Lesley Wyborn 38:12
The other thing I was interested that what was the name of the previous speaker show geospatial was at water and ESS RG why I was asking you is this what are we calling the Earth and Environmental Science or space? We've got space in our title or not.

 38:33
First of all, is anybody here from the space community or Astro or astronomy checking? Alright,

 Shelley Stall 38:43
so that was that came up at the at our first meeting as well. And I we had a group argue that the space folks have their their own stuff going on. And then we had a group argue that yes, but it's really similar to other things that are happening with on the earth and they should be certainly included but maybe not prioritized. We didn't answer that question. We just left it as depending on who came to participate, how prioritization would happen. For astronomy, though, and astrophysics, there was a general feeling that that that would potentially be scoped out. But it certainly anybody from astronomy or astrophysics, wanted to come and hang out. They'd be welcome. That I don't think that we would have any particular objective that they would find relevant.

 39:38
I was thinking about that so much. I was also thinking about remember the terrible trouble we had, getting that ESC s IG group going because all the geospatial people came along and thought that space meant geospatial and we were taking over what they were already doing. I saw another dimension, which is why I thought it was interesting that the previous speaker did have that spatial and water in it. But that that's kind of my only concern and then seeing Nataly is here. I just like to say there are things I'd like to see in it like um, I can put it in the chat. The oceans best practice site. Were always organizations just list what they're doing in developing standards, protocols for evaluating quality of data sets, etc. And another good thing from oceans is that oceans info hub, about how they've got all the hubs forming around the world where within that hub, people kind of agree on basic standards and elements but you can only go so far. That won't be a global standard, but it starts a conversation piece. And you can sort of see all the clusters that are forming where then it's a common so I'll put the two links and also put the links in the chat to the es si G stuff.

 41:20
Thank you. Mark. Hi. Yeah, can you can hear me? Yes. Okay, great. So, a couple of,

 41:31

I guess questions. One is, are there a set of specific objectives of this particular group, this community of practice and if not, how will those objectives be formed? Second, and probably related is I'm trying to understand since I'm an operator of a domain specific repository, not necessarily a scientist collecting observational data or anything like that. What is in scope with this community of practice and in the corollary then is what is out of scope also, in terms of topics of discussion and things like that.

 Shelley Stall 42:11


So this is an interest meeting, so you can actually farm what makes most sense for you like, like, if you're, for instance, the way I would describe it is, if there are some things that EDI is still working towards, but there is a realization that an international community is needed to move that ball forward. And you're looking at this group as maybe solving that problem. We want to hear about it because that that's where we are, that's, you know, what is it what is out there that an international group can help with the two things. And Christina, you can help me remember and Vasu is still on here. I think. The two things that were that were kind of coalescing out of it, and the last meeting was only an hour so it's not like folks dug in. It was just a general positive support with some particular nuances that were being discussed, just like we were going to and are doing here. There are recommendations that have come out of RDA that might be too generic or maybe I've aged a bit that would be wonderful if we could either tune or weigh in or work with that. If that groups in maintenance, a maintenance status. How would that apply to the earth and space sciences? Perhaps ask that group to work with us to have it be relevant to our community, maybe identify a gap where a working group would have to be stood up that we need help with. Maybe it would be our own working group, maybe we would form it with somebody else. So that that would be a way to interact with existing recommendations. Existing working groups existing IGS within RDA and leverage that machine. And another would be identifying gaps where we could use the RDA platform to generate outcomes. Also. The community of practices meant to bring networks together that are connected to rd or not. So there's a number of you know, I've got one of the things Leslie y born has said I don't know that she coined it herself. But born fair. We've been there's a joint session happening in the upcoming plenary 20 With instrument. What does it mean to have FAIR data coming out of instruments and sensors? And I think that would be relevant. Remembering some of the conversations you and I have had Mark, what does that mean for your community? How does it best align with EDI? I can think of EML I can think of other things. And wouldn't you want to be part of that? And this would be a way to connect the dots within your being interested in and opportunities to influence that.

 45:25

Right. Okay, so I can see where this is certainly a win win solution for both the broader community and for EDI itself. Where you know, information can flow both directions.

 45:38


I am hoping

 Shelley Stall 45:40

I am hoping, but it will. It will depend on who's shows up what the issue is and how you know, does the community resonate on that issue and honestly, I think there's a number of I think is a bunch of low hanging fruit. If you agree with my priority, I don't know.

 46:04

Then we're in good shape, right?

 Shelley Stall 46:05


Yeah, anywhere close and I'm delighted.

 46:09

Okay. All right. Yeah.

 46:16


He was always good to count me in.

 Shelley Stall 46:20

Great. Are you bringing Corona with you?

 46:24

That's up to Corona but I believe so.

 Shelley Stall 46:26

I hope so. I'm here listening. Yes. So far, so good. Yes, so far, so good. It sounds

 46:37

like a good group. Alright, Thanks, Shelley.

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Shelley Stall 46:42

Sir, thank you. So Sam, I see you do you think the scientific librarians would lean in on something that we would maybe find something useful here?



46:55

Yeah, I



46:56

don't know. I'm absorbing a lot. I don't I don't know though. Okay, think about like the different perspectives floating out there for those of you I don't know, the open sights in earth science librarian at UC Berkeley and sort of deal with these topics and kind of one off manners. I'm also the editor of a new earthquake journal called size and MCCA. And we're also figuring out sort of data on that side, but trying to Yeah, think about how these different kind of levels intersect and how that would work with a group like this. Okay, I'm on the librarian side. There's definitely a lot of interest in best practices, reading materials for workshops and advising. But the researchers we deal with come from so many different backgrounds and have so many different groups and connections have their own that it can be hard to be able to help people to different circumstances. And yeah, I don't know I'm mulling this over I was just really curious to hear what what people were working on and kind of the various viewpoints.



47:58

So my, my hope

 S

Shelley Stall 48:02

Sally, right, Charlie's hope. One of the reasons I'm really motivated that I think this is a really good thing is taking, you know how many people can you take with you to leap into discipline specific guidance? And and there's a huge difference between like overarching guide like, this is how you do a data citation. Yes. All right. That applies to any discipline all the way around. Are you doing it perfect, I don't know. But it's the same guidance. And then you you get to seismology, or you get to hydrology, and you all of a sudden have to go in the weeds like there's it's not a small baby step. It's a huge leap from general to discipline. And I think we need a really big group, especially for interoperability. Now oceans is doing this like like the time and money that's gone into oceans. We're seeing it. Even seismology has a number of key groups that are working towards this. I'm thinking of you NAPCO and Iris and the work that says Suzanne Vangel vanderley is working on but what what if we were able to create this? What if we said to Suzanne, for instance, and God helped me this gets back to her she's gonna go what do you Shelly was talking about me let's use her as an example. Suzanne, it's just an example. Um, bring your proposal or bring your recommendation that your seismology group has brought and let's run it through the RDA method. And let's get as many countries within seismology, too, to be part of this and you know, at least you have awareness. At best you have adoption



50:02

I'm not sure I



Shelley Stall 50:04

I can't make either of those happen.



50:07

Except if people thought it mattered. And if they thought it mattered, they would come and they would listen. And either



Shelley Stall 50:17

they would want to do it because there was value for them. Or at least they would know it was happening and that has value to I, you know, if we could have an adoption body.



50:31

That'd be great. That's a big leap though. That's big. Um,



50:39

I think I just put a comment about seismology. Because, you know, I work with them as well. I mean, the worst thing about them is even if you don't agree with them, the uniform the uniform around the globe. And so, if we want to update the standard you can do it uniformly. As opposed to other groups that, like I work with another group in geophysics called Magneto to lyrics, and they're all over the place they can like we got two groups in Canberra that can't even agree. So the thing is, the advantage of showing the power of what happens when a group does agree, and that is what goes back to that person's best practice but that oceans Information Hub, which has now got UNESCO involved, because you're identifying these nodes, where people do have agreement, because you're never gonna get agreement around the world and couldn't even do that with the railways or with electric plugs. But we now had to develop the adapters and then even then start recording where people have done those cross walks. But what I see this group with the bigger picture could start to do, which again, taking a leaf out of the oceans book. If you look at that oceans best practice site, you can see all these individual organizations are putting up their best practice in anything and everything even protocols for instruments vocabs, etc. But I spoke to one of the girls that organizes that or she gave a presentation at IDW. And she said what that happens is groups start to see oh, you've got arco fleets for what your standard and the communities then start to evolve. So you're starting premises that we've got hundreds of these things can we reduce the numbers not

coming out big brother. RDA. Here is best practice across the whole of Earth and Environmental Sciences. You will do it that way. Yeah. Because then when you do it that way, it probably won't work with medical data or



53:00

plant phenomics data etc.



Shelley Stall 53:04

And just to be clear, I mean, I think that that makes more sense. Like I, I'm certainly not going to be the one that says let's, you know, what's that cartoon, you know, we'll make a standard to rule them all. And now we have a 15 standard. I think it's better to be aware of what exists because they were created for a reason.



53:28

And then if a community thinks it's too many, they have



Shelley Stall 53:34

good, you know, a good platform to then make those decisions. But at least we can tell the researchers in Canberra that there's two kinds and this is why and here they are.



53:48

That would make a lot of sense. And if we want to stand up a working group to examine it, we can stand up a working group to examine it



54:10

Okay, Sam, thanks.



54:18

Natalie, why are you here? Why am I here?



54:23

I'm here to find out if we create this thing similar to what Leslie asked. What meetings would I keep going to which ones would I drop? Because there's such a proliferation, for varying needs in Earth and space science. And in earth, observing science generally. I find myself and many of

my stakeholders trying to divvy up time or rank which disciplinary organizations which national and international organizations bring us the thing that meets or need at a given moment. Right now I have an NSF grant called seek comments, the socio environmental knowledge comments. Were interested in the ways that researchers and activists share data. Many of the agency and academically focused organizations may or may not be too concerned with that myth. It's really a place where interoperability of data becomes awfully important. For activists and researchers and policymakers to have fruitful conversations that are data driven. So that's what I'm interested in and why I'm here.

 55:57

Wow. You're hitting other buttons.

 56:03


It's a lot of buttons kind of granted. It's part of the fair open science research coordination network grants, and we are really excited that time has come to explore the way interoperable data allows people to have new kinds of conversations.

 56:21

I guess that's also following on my question, Sally, that even when you go to the RDA plenary says three days it's hard to fit it in. Can they afford two sessions are at the GSEs IG and the community of practice. That's kind of why I'm saying that's something I'd like to put on the table that maybe ESA s IG gets absorbed into this community of practice.

 56:50

Could it could

 Shelley Stall 56:55

or it could go on the back burner and see how things go. I'm not you know, not sure closing it down.

 57:03

Right away.

 57:06

Well, maybe it's something we could ask at the plenary in Gothenburg.



57:14

No. It's the

S

Shelley Stall 57:23

IG and the community of practice. Their their objectives could be different. There, there could be a reason the IG exists, and there could be like the Community of Practice could have a different reason I'm trying to one of the things that Kenny was answering from some of the questions earlier was, you know, that community of practice is an opportunity for in, for instance, to bring in industry partners. You know, what would that look like? In the in the scope that we just we determined and by the way, there was questions on the scope, that there was some lamenting that geophysical was dropped as a descriptor and that that was problematic for some I didn't realize that it would be problematic, oddly, but it was.



58:20

So so the name altogether is open for clarifying you know, is this based on a

S

Shelley Stall 58:32

Should we call out ocean specifically? Do we want to talk about geophysics



58:40

in the title.



58:56

And then to Natalie's point, if you have a stake in the game, how much involvement is good enough? To get what you need out of it?



59:13

So shall we have a question? Is it is this sort of, I mean, you're talking about focusing on domain specific leading practices is that

S

Shelley Stall 59:22

I mean, it's on my bucket list, but that doesn't mean everyone is here for that. So it matters on who who shows up.



59:31

Yeah, because I mean, I guess that I mean, my feeling is that each domain is going to, you know, have their small gatherings that sort of decide that sort of thing, right. So, you know, most domains have, we're at AG right. You have this huge meeting, but and some people have their sessions there and that sort of thing, but I think a lot of domains have smaller meetings that were sort of a focus can focus more on specific things in their in their domain. So if you covering all domains, it's going to be 5000 people, right? So I don't know if



1:00:15

this doesn't work. For



1:00:16

me to think it seems very general the idea so I'm not quite sure if that's like like it's been discussed earlier. Is there enough time and is it worth, like listening on that conversation? I guess we'd have to see.



Shelley Stall 1:00:37

You will be asking, you know, to what extent or to what extent if it is that detailed, what would an umbrella group do with that kind of detail? How would that work? get done?



1:00:50

Yeah, yeah, and just me as a promotion. Is it like a I guess you're just trying to get people in the room and see what they need. So that's yeah,



1:01:01

that's what an interesting thing was like



1:01:05

you know, there's a lot I'm not going like, you know, being part of ESA up and trying to, you know, they've got a lot of interest groups already, too. And all these other things, so



Shelley Stall 1:01:15

Well, maybe more worldwide. But yeah, that's a that's a big bite. Megan, did you remember?



1:01:29

Yeah. Megan's from Mesa. Don't forget the ESC SR G is actually the E SIP RDA, ESS IG and the idea starting way back with Aaron Robinson was that it was also a place where the SIP clusters could bring their results or their work to see if there was international interest in what was going on.



Shelley Stall 1:01:57

And one of the things Megan was describing so so we would want to include Isa,



1:02:03

like in in the charter



Shelley Stall 1:02:05

like making sure this was something that was done in concert, and was not duplicative. And you know, how could we like Mark was saying, how could we take something maybe created through each step that could come here, or something that was already a specific could go there? That's happened with the data and software citations have gone back and forth, with the help of Mark Parsons and others



1:02:35

to make sure they were not conflicting. So



1:02:45

what were you gonna say? Megan said, so? Did Megan had and Megan fell about it from a perspective of Issa performing this group.



Shelley Stall 1:02:54

Um, okay. Um, again, it's an interest meeting. So, we have, you know, the cars aren't all down yet. But I what I indicated to her is that we would have to figure out how to write a sub in as part of the charter so that it was clear, and it benefited them in a way that made sense. It wasn't just making but there were other East shippers on the call earlier that highlighted the fact that Gio is very much aligned with the CIP and is an international entity to make sure we kept them considered what that meant and



1:03:47

there's, um, you know,



Shelley Stall 1:03:50

Mark and and Nick are both and Natalie are both are bringing up points that at this level, we could dig in as deep as we wanted to dig.



1:04:02

Were ever the the



Shelley Stall 1:04:09

the, you know, the wherever the community was willing to put their time. But I don't, this isn't an umbrella group. So what I would envision is we could either leverage ASAP or leverage the working groups within RDA, whichever makes sense. Stand up new ones ask help from existing ones depending on the relevancy was in in the umbrellas, a report out and we also were imagining that



1:04:45

we're going to need some funding, coordination, community, community management kind of funding.



Shelley Stall 1:04:54

So that's something that Christina is actually trying to find funders for, to



1:04:58

come into the group to help. Hey, Tim, nice to see.



1:05:06

Sorry, I don't have my camera on because I'm on my phone. And look, thank you for this. I just from my point of view, who's somebody who kind of dips in and out of these things and is not super technical, but is certainly interested in these conversations. I see huge value in in a group like this with that umbrella. And, you know, with those broader inclusions kept in place rather than limiting geophysics and all of those things. It seems to me that there's huge value in keeping it as accessible as possible at least early on. I guess the challenge for me, as has been raised is that there are a number of these groups around and so just to have a strategy

that cuts across them all so that someone like me, just understand what this one's for. Why I would dip into this one, rather than any SIP one, which might be more technical or whatever, I think would be really useful, but I think there is a space for that sort of higher level, higher level umbrella grouping that maybe could then have some, you know, subgroups within it if we do end up getting 5000 people involved which you know, seems optimistic to me, but maybe you guys know the American landscape much better than I do.



1:06:26

Is that a, a bet that we stand this up, we



S Shelley Stall 1:06:30

get 5000 Is there a prize? I'm very competitive.



1:06:39

I'm not laying any bits.



S Shelley Stall 1:06:41

Do I get a trip to Australia? I just want to know,



1:06:43

you go to Australia.



1:06:47

On my own dime.



S Shelley Stall 1:06:50

That would be great.



1:06:51

We'll let you inshallah you




S Shelley Stall 1:06:55

too. Weeks of quarantine. Yes.

 1:07:01


Thanks, Nick. Take good care. Um, okay. So,

 Shelley Stall 1:07:05

we so one of the questions that came up into me, I don't know how long you've got here with us. But one of the questions that came up was governance. How do we make sure that voices are equitably heard, that we don't have any unnecessary blocking challenges, that there's a way to get around all of that or work with that? Work through that. And that that's real. That's absolutely real. There is code of conduct with RDA there. We can certainly make sure because of the diversity of all continents that have to be represented in other countries that have to be represented represented, having those guidelines. In place is very important. To make sure everybody feels that they can contribute and they have their voices heard.

 1:07:56


Okay. Yeah, that sounds great. All right. All right, everyone.

 Shelley Stall 1:08:03

So I think we have all of your emails if you filled out the form and indicated anything in additional that's great. And we will start to I haven't heard anybody negative, more caution. How does this fit in the current landscape? What problem is this solving that hasn't been solved before? And then how do I work with this group and engage or just get information at different levels? So we'll have to make sure all of that is really clear. Yes, John. Thanks. I'm glad you're here. Thanks for being here. And so we'll start to document that in a draft charter, and you'll have an opportunity to give feedback on it. And we'll make sure

 1:08:51

everyone gets a chance to weigh in and Tim, and all our co chairs are open, just

 Shelley Stall 1:09:03

wide open right now.

 1:09:11

Thanks very much.



Shelley Stall 1:09:13

You bet. Thanks for being here. Thanks,



1:09:15

everybody very much. Thanks, so great, great stuff. Thanks, Tom. You bet