

Examining Visitor Perspectives about HJA Day

Frequency Report November 2014

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This frequency report displays data from two in-person/internet questionnaires from HJA Day 2014. While the annual HJA Days have been a growing success for 20 years, the Andrews LTER program would like to improve its communication of scientific information in a meaningful, effective way. These pre- and post-HJA Day surveys were designed to help understand visitor experiences and thoughts about HJA Day 2014. By responding to these questions, participants helped create a better understanding of what is important to people who attend HJA Day. This information is useful for the Andrews LTER staff who organize and run HJA Day each year.

A combined total of 136 individuals registered for HJA Day 2014. Registrants were requested to complete both pre- and post-HJA Day surveys either in person or online. Of these, 76 registrants completed each survey for a 56% response rate of both the pre- and post-HJA Day survey. This frequency report provides an initial look at both pre- and post-HJA Day responses. Unless otherwise noted, the numbers represent the percent of respondents.

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PRE-HJA DAY SURVEY RESULTS

76 participants took the Pre-HJA Day survey.

37% (28) took the survey on paper.

63% (48) took the survey online.

16% (12) were presenters.

84% (64) were participants.

Q1. Excluding this HJA Day 2014, how many HJA Days have you attended in the past?

0 times	64
1-2 times	14
3-10 times	12
11-20 times	8
21 or more times	1

Q2. What did you like about previous HJA Days?

Energy of the scientists, the food (oh my!), the high level of organization, exposure to so much but also the time to dive into longer field trips in the afternoon, the beauty of the forest, the sharing with a community of people who love a place and love what they do.

Quality of research, presentations, Q&A, and great food! Organization seems to have improved in recent years.

The sharing of scientific information but also of the work that the scientists do in the field, the energy and passion of the researchers. The food, the flow, the topics chosen.

Interaction with students, researchers, scientists, great weather, good food.

Information on current research; meeting new people

Energy at the forest. Attention to the program. The food.

Opportunity to see different parts of the forest.

Visiting different research projects.

It's changed greatly in format. Always liked the meal portion - used to be an evening barbecue and now lunch - but this has always been a great time to network with others. The lunch works out well with the morning topics around the compound. Given the current large size of the event it is well organized.

The learning and discovering that allows me a better understanding of our forests

The forest is beautiful and it's a real pleasure to be able to spend time at the HJA. I rode the van both ways - I really appreciated not having to drive and our van driver was fun and informative. The food was outstanding. I think the way you staggered the tours was smart and I never felt rushed or lost.

The sessions at HJ with the fish in the tank and the canopy experience for kids. Also one of the presenters is always great at teaching and presenting they're a constant favorite.

The important thing to me is the mix of people with different exposures to HJA program and place - long-time vets, new comers, old and young - and the sharing of findings and questions about relevance to the world. We've had congressional staffers and general citizens and REU students just beginning their HJA lives. A mix of talks and sideline conversations moving among stations and over lunch is critical.

Food, meeting people, interesting discussions

Organization into shorter stations and longer field trips (last year only); diverse audience attending; good overview of projects

Hearing about the research and the research results; being out in the woods at the HJA

The opportunity to interact with the science community, both established researchers, and students.

Food, time in woods, researchers

Being outside, meeting people who work at the Andrews and those who are interested in what is done at the Andrews Forest, hearing about different work underway

Open dialogue about science, social relevance and where science is leading us.

The chance to meet and interact with amazing people, engaged in fascinating work on all manner of projects and the chance to gain an appreciation of the diversity of those projects that would otherwise be hard to obtain.

Topics, exposure to research, food

The food was good!

Topics and the ability to network with researchers

The chocolate croissants were delicious.

Fieldtrips, food, stations (maybe my favorite)

Q3. What favorable memory do you have about past HJA Days?

The wonderful short poems that participants created during the mini-writing retreat at the log decomposition site last year.

Learning a lot!

The findings that are a surprise - findings that represent long term commitments to a place.

The year when my sister came. it was fun to have her see it all.

Sun going down, air cooling; vans have just pulled away after another seemingly successful event

People having a good time. it's a general feeling.

Listening to long-time Andrews researchers talk about their research on the Andrews. Always loved the photo in front of the snow cat (discontinued).

The weather was nice.

Barbeque dinners with the whole gang

I liked all the tours - and I really liked being tasked to collect data at the watershed (my sons were asked to do some math too and loved working with the scientists (who were really great with kids). Lots of great photo ops.

When it rained like 3/4 HJA days I've been on

Just the energy and connections being made in hundreds of small communications events.

Sitting in the woods

Intense discussion between applied managers and scientists on harvesting

The photo on the snowcat with the trash can lids

Being asked to speak at several of them

Learning about research technologies - Doppler air, fiber optic stream temperature. Log decay study and literary response.

Group picture (on the snowcat)

Asking a presenter how you respond to E.O. Wilson's great quote, "we are drowning in data while starving for wisdom" How do you separate the data from the wisdom. No answer as yet.... Hopefully this time...

The feeling of humble be-wonderment at the end of the day (each time), of having learned something new, surprising and amazing about the forest, where every answer does quite literally seem to birth a hundred new questions.

Learning about the research projects being done here.

When we put the green dye in the stream.

Watching the tree climbing demo.

I liked the stations two years ago. I learned a lot. That was interesting.

Q4. How did you hear about HJA Day 2014? (Choose all that apply.)

Colleague	45
Email	43
Friend	12
Flyer	3
Other	22

Other.

I know about it from previous years

I helped organize it

I help organize it

HJA website and instructor

I work here

Osmosis - I've been around the program a long time

Ecology Class

I've been engaged for a number of decades.

Working at HJA

Professor

REU internship advisor

Mom

Staying at HJA, heard about it when I checked in

COF Today

Professor

Q5. Have you visited the HJ Andrews Forest in the past, other than for HJA Day?

Yes	60
No	40

Q6. What was the main purpose of your previous visit(s) to the HJ Andrews Forest? (Choose all that apply.)

Perform research in the forest	57
Visit the forest	36
Attend another program	34
Other	30

Other.

To start my job. Haven't really left yet.

Administrative

Meet with Andrews staff

Teach a class

Class field trip. I haven't been to any HJA Days but just recently enjoyed a field trip there with my class. It was amazing and I am excited to go back and learn more! No past HJA Day but my field trip was AWESOME! I am having my mom join me at this years HJA Day so she can experience it too!!

Facilitate the engagement of others with the forest - leading field tours for scientists, writers, artists, journalists, general public, elected officials, ...

Show foreign visitors and utilize findings and research for job.

Field trip for Environmental Science class at Chemeketa

Lead class field trip

To prospect for research.

Internship

Meeting with researchers, reviewing projects for NEPA

Lodging while working nearby

**Q7. Why are you participating in this HJA Day 2014?
(Choose all that apply.)**

Learn about or stay up to date on the research and education programs performed at the HJ Andrews Forest	85
Network with other participants or researchers	70
Spend time in the forest or enjoy a day in nature	66
Receive free lunch and snacks	27
Other	22

Other.

Working as part of the program

Part of the job

I help organize it so I need to attend

Specific field trip of interest.

I work here, love HJA Day and sharing with public

Help to run the program and make presentations

After years in the College of Forestry, finally see what happens at HJA and meet with staff I frequently correspond with.

Present

I have been bugging my supervisor about research and continuing management opportunities in the forest

To help keep the stories flowing!

To learn about the types of studies that are being conducted.

Field work, presentations

Helping with a field trip

Q8. Which format for HJA Day would be more meaningful for you?

Briefer, less in-depth sessions that allow participants to learn fewer details about more topics.	54.5
Longer, more in-depth sessions that allow participants to learn more details about fewer topics.	45.5

Q9. Indicate how helpful the following teaching styles are to you when learning new material.

	Extremely	Very	Moderately	Slightly	Not at all
Lecture or presentation	8	57	28	7	-
Self-guided reading or visual	14	34	41	12	-
Small group discussion	14	51	23	11	1
Large group discussion	1	22	39	32	5
Hands-on participation	48	33	12	7	-
Group work	15	26	38	19	3

Q10. Please indicate how helpful the following factors are to you when learning new material.

	Extremely	Very	Moderately	Slightly	Not at all
Curiosity	54	37	8	1	-
Personal relevance	42	41	13	4	-
Emotional connection	28	43	24	4	-
Practical application	30	41	24	5	-
Past experience	22	47	28	3	-
Personal investment	27	39	23	11	-

**Q11. What is your connection to the Andrews Forest?
(Choose all that apply.)**

Oregon resident	46
Researcher	34
OSU faculty or staff	30
Field crew	20
LTER personnel	18
Undergraduate student	18
Local resident	14
Region 6 National Forest staff	12
Graduate student	12
PNW Forest Science Lab	11
Connected in other ways	18

I love trees.

Visiting PhD student

Intern

Q12. What is your age?

Ages range from 19 to 81 years.

The average age of participants is 41 years.

Q13. What gender do you identify with?

Female	57
Male	43

POST-HJA DAY SURVEY RESULTS

A total of 76 participants took the post-HJA survey.

64.5% (49) took the survey on paper.

35.5% (27) took the survey online.

13% (10) were presenters.

87% (66) were participants.

**Q14. What sections of HJA Day did you attend?
(Choose all that apply.)**

Morning introduction/ Welcome	92
Morning sessions	95
Lunch	99
Afternoon fieldtrip	99
Van ride	67
Networking	59

Other.

I was working all these session so please do not consider me as a normal HJA Day participant

Assisted with a presentation

Being friendly

Hammertime

Eating guacamole and chips and iced tea

Bathroom discussions

Hugging trees

Q14. Comments?

Well managed, well organized, thoughtful and friendly.

Morning sessions were good- accessible topics and engaging leaders.

Was the time after field trips specifically for networking? Somehow I never picked up on that.

Well organized and catered

Very enjoyable sessions

Awesome

I've only missed two of these since 1998.

I learned a lot!

The lunch was very tasty. The morning speech was great. I liked the artists in HQ.

Lunch was great and the river field trip was fantastic.

Great food

Smooth show, lots of energetic and positive people.

Everyone at HJA is knowledgeable in their field while maintaining a good sense of humor.

It was a great tour.

Absolutely awesome all the way around.

Yeh! Thank you! For a fun, educational time and a chance to talk to all kinds of interesting people.

Well organized, well-planned. Informational - everything was explained less scientific jargon.

Morning sessions were great, fast, and full of good stuff. Lunch was delicious and bountiful and an inadvertent networking opportunity. Afternoon was long and not as active as I expected but still fun.

Q15. Which afternoon fieldtrip did you join?

Live-Streaming Ecology (Without the Internet)	28
Forest Detectives	27
Discovery Trail - The Forest as a Teacher	24
Ecological Forestry: A New Paradigm in Forest Management?	20

Q15. Why did you join that specific afternoon field trip?

Because of the significantly differing opinions on what constitutes 'ecological forestry'.

It is related with my research.

Interested in outreach and public education about scientific issues. Interested in teaching natural science to grade school and high school students.

I was one of the people responsible for that trip.

Sounded like the most interesting hands-on and challenging forest terrain. I was looking forward to scrambling in the woods including challenging terrain. Loved it.

Interested in seeing ecological forestry treatments.

I thought it probably had the most technical aspects (LiDAR, for example) of all the choices.

To learn about ecological forestry and to see some managed stands at HJA.

Wanted to see Old Growth forest.

Personal interest in the topic and had to choose just one. All were of interest.

It sounded interesting.

Wanted to go on the trip that went into the forest the farthest.

I was one of the leaders for this trip.

Some of my work relates to protecting riparian areas for water quality.

It did not require riding in a van.

Wanted to know about interactions of social and ecological research at HJA LTER.

Because I am very interested in forest ecology and long term evidence of events in forest settings.

Match my interest

I participate in conservation education programs on occasion on the Forest.

It sounded interesting and less strenuous than Forest Detectives.

Personal interest in the subjects

I do primarily aquatic research so I was interested in learning about the tools that scientists use to study terrestrial environments.

Wanted to learn more about the topic.

The idea of learning from the forest is very exciting for me as is learning ways to pass that excitement on to others, particularly young people who are in the process of developing the relationship they will have with the land throughout their lives.

I was eager to explore the idea of the forest as a teacher and learn ways to apply this awareness to outreach with others, particularly the young.

Interesting and also relevant to my work

I was assigned to be a leader.

I like streams.

Closest to my interests.

I am interested in outdoor science education.

Water!

It was open! And I want to learn more about it.

It best fit my current interests.

Because my son selected it.

Relevant to my work/research

I'm an aquatic ecologist.

Interest in science education outreach. Had fewer people sign up.

I already know about ecological forestry and I don't like education. I like a presenter and I think they're a good instructor and manage their lab well.

I work on dispersion and ecology in river networks.

Had learned about stream ecology in class but had never worked in streams.

Water dye

The soil section was interesting. I didn't know about the various soil types.

I helped lead it.

I am studying rivers.

I was interested to hear how forestry personnel were trying to balance human needs and ecological preservation.

Education is my passion.

I am part of a project on engineered log jams so I am interested in learning more about streams, fluid dynamics, and stream ecology.

Tagged along with a friend.

I was interested in learning more about carbon storage.

I work with elementary and middle school students during various outdoor events. So I wanted to get some new ideas.

Interested in forest growth, etc.

Gain broader understanding of stream ecology

Because I had previously taken forestry classes and have walked the Discovery Trail, I wanted to learn about something new.

Because it had many things in common with my research project.

It's the one my daughter wanted to join so I did the same.

I like politics.

A specific presenter. And I wanted to core a tree!

Because it sounded interesting to me. The ecological forestry one sounded interesting also.

Sounded interesting

Interested in aquatic ecology of the forest.

I missed the vans.

I was interested in learning about the research surrounding the streams of the HJ Andrews.

Interest - general interest in stream ecology and exploring HJA watersheds

Ethical and philosophical ideas

I am doing a project in WS1.

Interested in interpretation and learning activities.

A specific presenter

Q16. Please rate your experience with the following elements of the afternoon fieldtrip.

	Very satisfied	Satisfied	Ambivalent	Dissatisfied	Very Dissatisfied
Time of Day	55	34	11	-	-
Climate	39	47	12	1	-
Length	37	56	4	3	-
Number of participants	25	52	14	-	-
Topics covered	21	58	8	6	-
Visuals or graphics used	31	42	21	7	-
Activities	39	42	14	4	1
Organization	52	38	6	4	-
Professionalism of speakers	53	42	4	1	-
Clarity of the speakers' presentation	43	46	7	4	-
Ability to hear speakers	53	39	4	4	-
Ability to see speakers	49	46	3	1	1
Enthusiasm of speakers	65	29	3	3	-
Information provided by speakers	47	44	4	3	1
Amount of time allocated to discussion or questions	39	39	17	4	1
Speakers' response to questions	46	44	7	1	1

Q16. Comments?

There was little effort to look at or identify underlining assumptions or explore cause of effects attributed to past or present management. We need to go deeper and if we can't do it with scientists, who can we do it with?

The time is too short for each site

It seemed almost as if there were a reason not to adopt new models of sustainability with any haste. This troubles me some due to the urgency of the issue. If our children and their are to have the e same forest resources that we've had, we must move more rapidly toward sustainability. I do understand that the USFS must maintain a somewhat neutral stance. In this respect I almost wish the discussion leader had not been from the USFS.

Our presenter was excellent - obviously enthusiastic and knowledgeable. Soil pit was very hands-on and interesting. Lots of opportunities to learn. The presenters also had excellent visual aids and excellent discussion. My personal style is to listen more to what their areas of expertise are as opposed to them asking us for questions and hypothesis, but I know that isn't as engaging for some.

Trip was not very informative- ended up in more general discussion dominated by a couple of strong personalities (attendees, not leaders). We went to sites and stood for 45 minutes talking- would have been just as effective to be inside looking at photographs. Needed more activity and more focus on providing good information.

I would emphasize the enthusiasm exhibited by all the researchers.

So many facts and so much cool information! Just walking around and hearing about things from different people was awesome. I learned so much!

The morning sessions were about 10 minutes too short.

I thought it was an interesting and well-organized field trip.

I would have appreciated it being a little more fast paced. I had a hard time paying attention at points because we had been standing around too much.

Lunch was incredible! Morning sessions could be a bit more technical/in-depth.

The highlight of the afternoon (and the day) was listening to a specific presenter read various written materials from the writers in residence program and telling of their own evolution of the importance of including these perspectives into written and visual interpretations.

Climate? I do like the dry-summer temperate type

I had a really great experience getting to learn about the variety of research projects going on at the Andrews, and meeting the people involved in them....and the food was insanely good!

Too focused on what teachers need.

Too many on tour - Too much trampling on the paths (impact) like a herd of xxx (Just kidding.)

Some of the activities felt a bit long or drawn out.

Overall very good event!

I think this was the best organized HJA Day I have been to.

Speakers of morning sessions seemed burned out by the time it was the last group. Sessions were good though. I REALLY enjoyed the field trip!

Sometimes seemed like a USFS promo.

The dye in the streams was really cool!

Activities could be more active; the afternoon ones felt a bit unplanned / winged / last minute.

There wasn't a lot of time for discussion/questions but the activities were fun. Maybe talking about the concepts / topics before going to the stream to get an idea of what to look at / for.

Ability to hear speakers - I am a smidge hard of hearing, so I was able to position myself closer to speakers - so not a problem.

I really enjoyed the program, however I feel like some of the things / terminology / specifics may have been over some people's heads! I loved it though.

I really do not think it is responsible to dump large amounts of dye in the stream, especially just for a demonstration.

Great job overall

The speakers did a great job keeping the conversation on track and moving. The presenters posed engaging questions to the audience.

More talking than doing, especially for experiential learning session. Some fun activities and some monologue from a presenter telling people about the forest teaching but not using the forest - or giving space for explanation, observation, meditation - to allow it to do so.

Q17. To what extent do you agree or disagree with each of the following statements about the afternoon field trip?

	Strongly agree	Agree	Ambivalent	Disagree	Strongly disagree
The speakers' presentations were interesting.	43	51	6	1	-
The speakers' presentations were thought-provoking.	41	43	15	1	-
The speakers were biased (one-sided) in the information provided.	3	4	34	48	11
The speaker effectively explained complex issues.	24	49	22	4	1

Q17. Do you have any comments or feedback for the speakers?

When there are disagreements about past management or implications for present or future management, that needs to be further discussed, not ignored.

A specific presentation is really good.

The field trip description stated, "You'll be invited to share your own insights and observations." This was done only within the context of planned activities. There was little encouragement to offer insights outside these programmed activities. A little more attention to the general issues of outreach and education would have been appreciated.

While the Ecological Forestry afternoon session was worthwhile, it wasn't much more than a continuation of the same conversations that have been taking place in the public venue for the last couple of decades. I'd like more discussion on policy vs. practices both historic and current, differences between practices of public land vs. private land, and models for sustainability both developed and in development.

Maybe too many people in one group; could have split this group into two.

Great job all around!

If anything the presentations were beyond strongly interesting and generated substantial self-reflection.

Keep up the enthusiasm!

Could have proceeded more quickly through activities/stations, but overall great afternoon.

I was especially impressed with a specific presenter. His topic is so hard but he did very well making it clear.

Really liked how hands-on it was!

Do a quick breakdown of riparian ecosystems at beginning to fill in knowledge gaps of audience.

Perhaps some discussion of larger social / world / environmental impacts.

Narrow discussion down to a few topics and explain in depth.

I appreciated the diversity of those speaking on the Discovery fieldtrip! A teacher and a researcher and a presenter reading poetry.

Complex issues may not be appropriate for this audience and amount of time. More interest with generalness.

Everyone was awesome.

Disturbing the forest should be minimized in order to minimize confounding variables.

Well organized - no comments

Our presenter is full of wonder and joy and fun to be on the trail with. The teacher did a good job explaining and running activities. Sometimes we started an activity and then just trekked after it instead of doing something with it.

Q18. Please rate your experience with each session using the categories in the top row. (Choose all that apply.)

	Enjoyed	Learned from	Kept my attention	Remember in a month
Morning introduction/ Welcome	75	18	52	15
Morning sessions	61	82	53	43
Lunch	88	14	22	33
Afternoon fieldtrip	58	60	49	54
Networking	68	35	30	35
Van ride	55	18	16	16

Q18. Comments?

The driver to HJA was attentive and efficient. The ride home was actually a little scary. The driver seemed more interested in her conversation with the passenger in the front than in her driving, constantly looking at the passenger and gesturing with one hand. At those moments less than half her attention was focused on driving. Everything else about the day was equally unforgettable in a more positive and constructive manner.

Van ride was on-time, comfortable, and reasonable length. I didn't ride back in the van. I had many networking opportunities and feel that was nearly the highlight of the trip. There was time give for this at meals, between sessions end of day etc. Food was absolutely fantastic - both morning and lunch. Morning sessions: two presenters were excellent, informative and interesting. Two presenters had a good idea but I think it would have been more interesting to see more long term correlated results as opposed to having it be so open ended. Afternoon sessions: I was in forest detectives and felt the sessions were informative and the right length.

Going down to HJA with 8 people in the van felt more comfortable than coming back with 12 people. Not only in a physical comfort way, but also in the ability to have/enjoy conversations with others in the van.

While I enjoyed the morning sessions, I thought they were a little bit 'scaled back' in terms of density and complexity of information. The long term ecological measurements especially was very basic and I didn't learn that much. I think I actually preferred some previous HJA days where there were presentations and/or poster sessions that provided more detailed information on current studies. This day seemed more geared to provide an introduction to students.

I am not sure the categories apply, so difficult to answer.

Perhaps the most important aspect was networking with past and present FS employees and scientists, one on one.

Q19. Please rate your past experience with each activity.

	A great deal	A moderate amount	Some	A little	None
Lecture or presentation	60	24	6	7	3
Self-guided reading or visual	42	32	14	3	9
Small group discussion	43	38	13	2	4
Large group discussion	35	35	16	4	9
Hands-on participation	46	30	15	5	5
Group work	40	33	16	4	7

Q20. Please evaluate each activity that you experienced at HJA Day using the categories in the top row.

Please describe an experience of the activities listed below that you encountered at HJA Day.

	Enjoyed	Learned from	Kept my attention	Remember in a month
Lecture or presentation	70	75	63	46
Self-guided reading or visual	67	52	38	18
Small group discussion	52	56	44	27
Large group discussion	43	44	43	28
Hands-on participation	67	62	53	47
Group work	56	47	26	26

LECTURE OR PRESENTATION

Too much 'party line' and not enough depth of exploration - underlining assumptions or cause and effects of past management relative to triple bottom line.

The people in our group stand in a circle and the leaders given the presentations.

Fairly tightly organized; stayed on subject except for some of the poetry reading. There were moments when it seemed tangential, though enjoyable.

The morning intros were brief presentations, but not really what I would call lectures.

Morning session

All four morning sessions and the afternoon session has lectures/presentations and I enjoyed and learned from this the most. I prefer this style because I want to learn what the experts know.

Pollination

Field trip; description of LiDar

Except for above ([the exhibit/self-guided or visual]), the rest fall here.

The stations

Various

The morning sessions and Discovery Trail had presentations

The co2 flux presentation.

Morning talks and afternoon

Tracking pollinator movements using RF tags: interesting and enlightening

AM presentations (pollinators)

Morning activities and field trip

Welcome

Art - great. A presenter's xxxxx and hummingbird - great. All morning sessions - great.

Listened to the scientists explain concepts and research activities and goals

Should be reduced time of this

Pollinators, climate station

Really liked these - great speaker.

Hummingbird presentation

Some AM stuff fell into this.

Engaging and interactive

Morning presentations

Morning lecture about climate research

The climate morning session

Forest detective soil and vegetation presentations and discussions were highly informative and interesting.

Hummingbird presentation was very interesting and scientific. I learned a lot from the presentation.

Climate presentation, there were many new things / machines to look at.

Satisfied - pollinators, privet - very helpful to learn about research projects in HJA

Like them.

Morning session on hummingbird

SELF-GUIDED READING OR VISUAL

Pictures of past logging and comment to have juxtaposed with plantation (industrial) forestry to accent the differences.

The interdisciplinary exhibit had elements of this form of activity

The presentations in the conference room were informative even without each one being attended by an expert.

I don't recall seeing much or any self-guided material except possibly in the morning artist session which I did not look at.

History poster in morning sessions.

HJA history, art exhibits.

Only spent a few minutes there before moving on to lunch.

The interdisciplinary exhibit in morning session; otherwise not much

The artists area

Exhibits during the indoor morning rotation

The morning session had some poster sessions

The 'science fair style' set up of the history and art presentations inside one of the lodges.

Looking at the history/art/writing/scientific offerings in the conference room

HJA LTER humanities projects (history, poetry, art)

Morning activities

Art - great. A presenter's xxxxx and hummingbird - great. All morning sessions - great.

Read the history of HJA poster and info on the osprey cam

The morning activity with the artists and forest live-feed videos.

Posters, activities in conference room

Did we do this?

Reading in the headquarters

Got to look at osprey cam - so cool!

Visually stimulating

Looking at maps and projects at the morning interdisciplinary session

The morning session about the record keeping at HJA

Interdisciplinary station was a good chance to explore the stations on my own and look at what I wanted.

In the conference hall, we would spend time at each station at our own will, which I enjoyed.

Station number 4. I learned by visualizing graphs and counting / correlating rings in the tree cookie.

Exploring the different graphs, topographic maps, camera views

Morning session

Not fun

SMALL GROUP DISCUSSION

Greater opportunity for depth of discussion

Might have tried this more, as breaking into small groups is a way to deal with not enough samples in exercises.

In each morning station and the afternoon field trip, discussion was relevant and stimulating.

A lot of this occurred in the afternoon session. I don't prefer this interactive style as much. As in a question is asked, and it is turned back to the participants.

Lunchtime and van discussions were a great place for this.

Field trip re: origin of soil in soil pit

Afternoon field trip: Stream Ecology

Various

Van ride and the Discovery Trail

Stream ecology and pollinators presentation.

How to examine and interpret LIDAR imagery

Networking

Just listened to scientists and tour participants discuss observations on hands-on stream ecology event

The afternoon field trip had portions of informative small group discussions.

Efficiency wary of the small group discussion in the field

Fieldtrip on Discovery Trail - items that don't belong

Had fun in the art session.

Afternoon field trip

A little in the AM session.

The Discovery afternoon tour. The group was a good size for generating casual discussion.

The presentation at the fire pit promoted interacting with other folks and discussing.

Enjoyed participating

I talked to other participants about the plants we were seeing.

Thought provoking - team work

My group was small. I liked it. Easy to ask questions.

LARGE GROUP DISCUSSION

Not enough depth..

Not encouraged as much as could be desired.

Ecological forestry trip was largely this form of interaction

Some of this occurred in the morning sessions.

Afternoon field trip

Some ability to ask questions and discuss; but not much discussion

Afternoon field trip: Stream Ecology

Limited

Morning talks and afternoon

PM ecological forestry

Morning activities had good discussions.

Impossible of this kind of large group discussion

I think good - liked Stream Ecology group

Introduction

My afternoon session was this.

Afternoon fieldtrip

Well organized - critical thinking in the group

HANDS-ON PARTICIPATION

Good choice of exercises overall.

There was a tiny bit of this at the interdisciplinary exhibit. This is the only morning session I experience, since this was my station.

Didn't have quite enough of this. But I imagine it may have been influenced by my choice of afternoon sessions.

Afternoon session in the soil pit. Fun and interesting.

Afternoon sessions (particularly soil)

Afternoon tour had lots of fun hands on stuff.

Field trip increment boring; soil texture classification

Afternoon field trip

Afternoon field trip: Stream Ecology

Discovery trail bug traps

Hands-on macroinvertebrate count

Discovery trail had several hands-on activities

Stream ecology presentation

Afternoon talk

How to classify soils based on texture and color

Field trip - traps

Fieldtrip

Ok.

Really enjoyed the hands-on exercises.

I got to observe various stages of leaf decomposition and invertebrate activity - got to feed invertebrates to fish - heehee. Son caught a frog - gorgeous.

The afternoon trip "Forest Detectives" had a good hands-on activity with soils that taught me a lot.

Field trip on Discovery Trail - pitfall traps

Liked a lot - Leader letting us use dyes, fish, etc.

Afternoon field trip

Field trip - got to pick out invertebrates, measure light, see animals

Hit or miss

Fantastic

The live stream ecology experiments

Most of the sessions had something to interact with but the Discovery afternoon tour was my highlight.

Stream ecology bug collection was interesting as well as to see degradation over time and to see the effects of stream flow dynamics.

Stream field trip. We got to estimate locations with most light availability and sort through leaf litter for insects. Fun.

The contests were fun and memorable.

Learned - we got to examine litter bags for stream critters

Very little.

Bug traps on afternoon Discovery Trail activity

GROUP WORK

Minimal but difficult with a big group.

Long-term research station in the morning

Afternoon field trip somewhat; could have been more

Afternoon field trip: Stream Ecology

Limited

Discovery Trail had some partner work

Fieldtrip

Same [category] as hands-on?

Afternoon field trip

Interesting

My friend and I worked together, picking insects out of the litter-bags.

Good team work - stream dye observation

Q20. Comments?

The substantial issues (environmental, economic and social) require a much wider focus of integration and synthesis that can address the significant declining opportunities we are leaving future generations. If not now, when. If not here (with science) where?

Please keep in mind that my experience is not one of a normal participant. I was involved in delivering some of the content from every bit of HJA Day I experienced. Please don't lump me or others like me in with normal participants, it will skew your results and make this survey unhelpful.

I would probably favor more hands-on experience in the AM hours. I was getting pretty tired past 3pm and was probably not as engaged as I would have liked to have been.

I don't think this is an effective way of ascertaining if these types of learning should be included. For example, I personally like hands on stuff, but the particular hands on activity I did was not very interesting.

NO ALL

Didn't feel that the information provided revealed data about the forest as a whole or what the research is being used for.

YES ALL

All are applicable to my work.

Q21. Did your experience at HJA Day spark, draw upon, or inspire any of the following for you? (Choose all that apply.)

Curiosity	97
Personal relevance	82
Practical application	79
Emotional connection	75
Personal investment	74
Past experience	71

CURIOSITY

Why there is a disconnect with science and social relevance?

Interesting people I might meet.

Curiosity (along with my job description) is what has pushed me to learn the information I needed to be able to lead HJA day sessions.

Pollination station was very engaging and thought provoking.

Technical issues

I love learning about new things, especially science.

Truffle

I am interested in science and research.

Yes, I always like to learn new things.

The drone

Curious about the visual and writers in residence and the pollinator research

Liverworts

Career

Thought-provoking

Art/image processing

How does light affect fish?

Pollinators.

I found myself brainstorming more ideas.

Interdisciplinary activities always spark curiosity because it is not topics I think of often.

Enhanced my knowledge and curiosity

Hummingbirds are cool!

PERSONAL RELEVANCE

Bringing personal experience (almost 40 years) to the discussion.

Long term connection with HJA

I live and work here.

Culture of science- seems cars removed from me.

Micrometeorology

I work on streams

One presenter talked about spiritual connection to nature.

The Discovery Trail was relevant for any work I do in conservation education

Career

Nice to cover familiar topics and concepts in a new ecosystem!

Worked here a long time

Interested in incorporating stream ecology into my ELJ project.

Pollinators.

I can use many of the ideas presented.

Afternoon Discovery Trail session, arts / humanities AM session

PRACTICAL APPLICATION

Still frustrated that local experience and application can't be better integrated at the Andrews.

Can apply some of what I learned on the field trip.

The afternoon trip helped me think about future communication of this topic

I will use some of what I learned to inform my work.

The drone

Can apply to my work in the forest

Career

Not enough time to...

Relates to my research

Interested in incorporating stream ecology into my ELJ project.

Pollinators.

I can use many of the ideas presented.

I'm going into environmental science at OSU and this was a really great experience in application and investment.

Observation activity PM Discovery Trail

EMOTIONAL CONNECTION

Why we are so quick to discount the future.

Sharing love of nature always invigorating.

It definitely mined my emotional connection to the forest and the program.

It's a brief and impersonal experience with the forest.

One presenter talked about spiritual connection to nature.

The writers in residence readings connected emotionally with me.

Listening

Environment

Good chance to meet new people

The forest is inspiring.

Loved the art and poetry

Worked here a long time

Excitement!

Pollinators.

So beautiful here!

I loved the poetry and artwork presented.

Hummingbird nests and talking about trapping their tiny legs

PERSONAL INVESTMENT

I've given untold years yet rarely does that get acknowledged or appreciated.

A day worth spending at HJA.

I certainly wouldn't help put on HJA day if I wasn't invested in the program and the place.

Obviously a lot of other people are personally invested in the Andrews.

I work on streams.

Environment

Interested in incorporating stream ecology into my ELJ project.

Pollinators.

Keeping forests pristine to allow for a natural progression made me more excited about conservation issues.

I'm going into environmental science at OSU and this was a really great experience in application and investment.

(No.) I am already personally invested.

PAST EXPERIENCE

Why there isn't a greater emphasis to engage the local community with science at the Andrews.

Have always liked visiting/using HJA.

I tried not to repeat any mistakes I noticed from previous HJA Days.

Past HJA Day

One presenter talked about spiritual connection to nature.

I drew on my past conservation education.

Classes taken

Better understanding of forest

Reminds me of being at Cedar Creek LTER

Nice to cover familiar topics and concepts in a new ecosystem!

Worked here a long time

Info I learned in environmental science

Pollinators.

Slope failure talk to field excursion. Discussion involved how slope was triggered.

Made me remember an awesome fieldtrip

I remembered concepts I had learned.

Bug cups and observation experiments on Discovery Trail

Q22. Opportunities for discussion with other participants:

	Strongly agree	Agree	Ambivalent	Disagree	Strongly disagree	Not applicable
Enhanced my understanding of the material or information presented	18	57	15	3	1	6
Were too long	-	9	42	35	4	10
Were too short	6	14	49	25	1	4

Q23. Opportunities for personal reflection or alone time:

	Strongly agree	Agree	Ambivalent	Disagree	Strongly disagree	Not applicable
Enhanced my understanding of the material or information presented	6	24	26	1	1	41
Were too long	-	3	33	13	13	39
Were too short	6	17	38	8	-	32

Q24. To what extent did HJA Day influence any of the following for you?

	A great deal	A moderate amount	Somewhat	A little	Not at all
Enhanced my appreciation for the Andrews Forest site.	51	27	14	6	3
Enhanced my appreciation for the Long-Term Ecological Research program.	49	32	10	6	3
Increased my knowledge about programs at the Andrews Forest.	52	37	9	1	1
Increased my knowledge of specific scientific topics.	34	34	20	10	1

Q25. Overall, how satisfied are you with your experience at HJA Day 2014?

	Very satisfied	Satisfied	Ambivalent	Dissatisfied
Overall satisfaction	54	39	4	3

**Q26. How can we enhance your experience at HJA Day?
(Choose all that apply.)**

More hands-on activities	51
More time in the forest	48
More small-group discussion	32
Overnight trip	28
The opportunity to participate in multiple fieldtrips (trips would be shorter)	25
More time to network	20
Other	25

Other.

Address questions of social relevance and local community involvements and investment.

Holy cow, no overnight HJA Day, please.

I think the length of activities was appropriate given the available time.

Some sort of overarching theme- come away feeling like I understand what the Andrews is all about, rather than a patchy sense of the kinds of things that are done there.

Perfect as is.

It was a good mix of lecture and hands-on

More detailed presentations on ongoing studies at HJA

More technical discussions

Seemed to be well balanced for the wide spectrum of participants

More along time to visit forest and commune with it.

I thought the balance of activities and experiences was just right.

Perfect as is.

Shorter field trips to shorten day or allow more networking.

Great as is.

More discussion of data collected and results. Discussion of results and implications is interesting.

More time to reflect

**Q27. What other topics would you like to see covered at HJA Day?
(Choose all that apply.)**

Forest ecology	62
Watersheds	55
Forest management	49
Outreach and education	44
Technology	38
Art	29
Creative writing	17
Other	32

Other.

Where is science leading? How will it help future generations? When will we learn from past mistakes?

Open mike for natural history stories.

Any work accomplished toward sustainability

Topics should be selected from ongoing research and results.

Broader impacts- how is the science being applied. Also future directions/upcoming projects.

These have all been covered.

Nutrient studies, especially related to water

Were not those all covered?

History

We had some of these [art & creative writing] presented. Some of these too [all others listed].

Philosophy and ethics

Tree diseases. More botany stuff. Mushroom hunting? Plant identification.

I thought it was well-balanced.

I trust them to make this call!

History (of forest management and of native America)

Philosophy. Political economy.

Conservation education

Bird-handling. Wildlife field trip

Forest pests and diseases

None, all were covered.

Environmental philosophy

Q28. As a result of participating in HJA Day, I gained an appreciation of:

	Strongly agree	Agree	Ambivalent	Disagree	Strongly disagree
HJ Andrews Forest	50	46	3	1	-
Research conducted at the HJ Andrews Forest	42	51	6	1	-
Researchers	38	51	10	1	-
Research topics covered at HJA Day	34	58	9	-	-
Nature	43	37	17	3	-

Other.

The need for direct integration with local communities and social relevance

Dominance of OSU at HJA compared with past involvement of ecologists from UO.

The caterer!

Writers and Artists in Residence Programs

Great organization of day. The perfect event. Great staff - all helped to pull together.

Volunteers and people's work

Q29. HJA Day 2014 changed the way I think about:

	Strongly agree	Agree	Ambivalent	Disagree	Strongly disagree
The complexity of problem-solving	6	36	40	19	-
The connection of science with policy	7	32	45	14	1
Forest management	10	37	41	11	-
My fieldtrip topic	14	47	31	7	-
My behavior	1	14	66	19	-
Past knowledge	7	32	43	18	-
Research	10	43	33	14	-
Science	14	34	34	17	-

Q30. Final thoughts

	Strongly agree	Agree	Ambivalent	Disagree	Strongly disagree
I learned something new at HJA Day.	48	47	3	1	1
HJA Day was a waste of my time.	-	4	6	23	67
HJA Day reminded me of something that I had not thought about in a while.	13	51	25	10	1
I intend to participate in HJA Day again.	33	34	30	1	1

Q31. Do you have any other thoughts about HJA Day?

If you can incorporate my comments in future programs with implications for management, I would welcome more direct involvement with year around opportunities.

Perhaps emphasize more of the natural history of the site over discussion of project management. In other words, greater discussion of what has been learned over how the knowledge was obtained. More facts, less process.

Please note that there is a subpopulation of attendees that are Corvallis and site-based staff or researchers who lead field trips. Our experience is a very different experience. In some cases we are involved in organizing and delivering the program throughout the day and do not participate in any component as a normal attendee. In other cases we may attend one session in a way that is at least sort of similar to the experience of a visitor, but even then our background, motivations and objectives for HJA Day are so different from those of visitors that it makes no sense to lump us in with the general HJA Day population. Please, please, please don't do that.

Lunch was amazingly good. I am in love with HJA. I truly enjoyed every minute of my experience there. Thank you!

Very well organized with appropriate time intervals and sufficient time between for networking.

Good networking and opportunity to interact with colleagues outside of RH and Peavy.

Another fantastic day at the site and in the field.

Some sort of mild facilitation of networking, to help out the shy people?

The notice that goes out to the Forests is still not seen by all potential people who would like to attend.

A valuable endeavor

Thanks for the opportunity to participate, and thanks for the delicious lunch especially the sensitivity to those of us with gluten/meat/sugar concerns. The offerings showed that a healthy inclusive menu can still be phenomenal!

While I like this format for "outreach" to new students, public and field crews, it is not our tradition, so it will take some time to become effective at it. In the old days, our target audience was very much internal to the science staff - communicate among disciplines and teams. That doesn't happen in the current format because the senior presenters are all off presenting and don't have a chance to hear other presentations. It's a matter of objectives for the Day.

See you next year.

Amazing food and hospitality. Thank you so much for sharing HJA Day with us.

Thanks!

I always like a good HJA Day.

Delicious food!

Thank you!

Am 64, so one day's experience won't much affect how I view science, etc. Great food and snacks!

Very good experience. Super glad I came.

It was fun. More interactions with new people would be good, so we could learn from each other and discuss.

Too many questions to audience, not enough experienced people speaking.

There would be good if researchers bring lists to sign up in case somebody wants to volunteer during the fieldwork season.

The graphs on snowpack and stream height correlating with tree rings was very interesting.

Well organized, succinct, clarity in presentation and good job of explaining everything in laymen's terms

Fun energy! Thanks for everyone's hard work!

Overall, 33 participants completed both the pre- and post-HJA Day survey.