

ECS Lunch and Learn Chat Log

April 14, 2021

[11:03 AM] Sharon Lam

<https://ecostress.jpl.nasa.gov/>

Field Code Changed

[11:12 AM] Sharon Lam

Hi everyone, thank you for joining us! If you have any questions for Jonas, please feel free to type your questions in the Chat throughout the presentation.

[11:36 AM] Adriana Gomez

How old is your historic thermal data? I'm wondering if we could compare temperatures in our SNAP neighbourhoods from 10 years ago vs. today- to see if our tree planting strategies, energy retrofits, etc. have had an impact

(1 liked)

[11:41 AM] Don Ford

I would add thermal imaging of streams and wetlands looking for areas of groundwater discharge.

(4 liked)

[11:47 AM] Jonathan Ruppert

Hi Don... this is on my radar. Unfortunately it will depend on whether we have access to the appropriate drone setup.

(1 liked)

There have been some insurance issues, etc. that we are currently navigating

[11:48 AM] Noah Gaetz

Great presentation Jonas! As you outlined, I think looking at the cooling effects of restoration on surrounding land use would be very interesting.

(2 liked)

[11:48 AM] Don Ford

Just a thought. It could help improve our groundwater models and identify wetlands that are groundwater fed as well as seeps and springs.

(5 liked)

Seeps are particularly hard to identify, yet are protected by the ORMCP.

(1 liked)

[11:49 AM] Angela Wallace

Don - great to look for Brook Trout habitat in streams as well!

[11:49 AM] Don Ford

Exactly.

[11:49 AM] Cathy Eden

We have had some discussion with Jonas and his research and are quite excited to be looking into the procurement of this technology

(1 liked)

[11:49 AM] David Gingerich

No, we're not at this point.

[11:50 AM] Don Ford

It's all about the fish!

[11:50 AM] Jonas Hamberg

I cant hear that

[11:50 AM] David Gingerich

Our focus is on Erosion Risk Management at this point.

(1 liked)

[11:50 AM] Andrew Ramesbottom

Jonas has been working with restoration projects to have a look at the restoration sites we have worked on over the years. The sites up around albion were TRCA restoration sites.

(1 liked)

[11:51 AM] David Gingerich

Cathy's message addresses it, for sure.

(1 liked)

[11:51 AM] Cathy Eden

We have had some discussion with Jonas and his research and are quite excited to be looking into the procurement of this technology

(3 liked)

[11:54 AM] Adriana Gomez

Great, thank you!

[11:58 AM] Lisa Turnbull

Thank you!

[11:58 AM] Katie Turnbull

Great presentation Jonas!

[11:58 AM] Hyacinth Bouchard

Thanks, great presentation!

[11:58 AM] Laura DelGiudice

Thank you, great presentation!

[11:58 AM] Jonathan Ruppert

Thanks Jonas! Great job on the presentation, very informative!

[11:58 AM] Chris Cormack

Thank you

[11:59 AM] Jonas Hamberg

Thank you (smile)

(1 liked)

(for listening!)

[12:00 PM] Nasim Shakouri

Thanks Jonas.

(1 liked)

[12:01 PM] Andrew Ramesbottom

Thank you!

(1 liked)

[12:01 PM] Cathy Eden

thanks Jonas

(1 liked)

[12:01 PM] Andrew Ramesbottom

Great presentation, and great hosting! look forward to more of these.

(2 liked)

[12:03 PM] David Gingerich

Thank you Jonas !

(1 liked)