Where to next for teaching and training in remote sensing and Earth observation?

EOA webinar - held Wednesday 27 September 2023

Chat window

12:31:58 From Larissa Mar Fan : Welcome everyone!

12:33:17 From Michael Hewson : Rockhampton (Darumbal)

12:33:19 From Christine : Toowoomba Qld

12:33:21 From Bradley Evans : Armidale, Anaiwan Country

12:33:22 From Kafle : Adelaide, SA

12:33:27 From Caroline Morrissey : Darwin, NT

12:33:39 From Arko Lucieer : Lutrawita/Tasmania

12:33:53 From Larissa Mar Fan : You can read short bios of our panel members here: https://docs.google.com/presentation/d/1GDWylLpYzdwQq_M3uTEKbhbDIvN8XbH_uIV_YfvYnAU/edit?usp=sharing

12:33:55 From Iain Woodhouse : Hi everyone, I'm calling in from Edinburgh, Scotland 😴

12:34:02 From Marco Sanchez : Brisbane, QLD

12:34:05 From Raja Ram Aryal, UQ : Raja Ram Aryal, University of Queensland, PhD Candidate, Land Surface Phenology, Radiative Transfer Model

12:34:16 From Sylvia Michael : Brisbane

12:34:18 From Tim Neale - DataFarming : Reacted to "Hi everyone, I'm cal..." with 👍

12:34:21 From Baz : Perth, WA

12:34:22 From Hafizt : Indonesia

12:34:33 From Tim Neale - DataFarming : Reacted to "Toowoomba Qld" with 👍

12:34:44 From Richard Crabbe : Richard Crabbe, CDU, Darwin

12:34:55 From Gavin Kennedy : Brisbane.

12:34:57 From David Bruce : Adelaide, Australia. Karuna land

12:35:00 From Jason Dail : Brisbane, UQ

12:35:05 From Karen Joyce : Hi everyone, I'm joining today from Muwekma, Ohlone, and Ramaytush lands, San Francisco

12:35:06 From Stefan Maier : Munich, Germany

12:35:09 From Tim Neale - DataFarming : Reacted to "Munich, Germany" with 👏

12:35:16 From Tim Neale - DataFarming : Reacted to "Hi everyone, I'm joi..." with 👏

12:35:28 From Bradley Evans : Reacted to "Munich, Germany" with ❤️

12:36:31 From Jasmine Muir : Hi Everyone, I'm joining from Perth, Western Australia. Looking forward to the discussion!

12:37:27 From Tim Neale - DataFarming : Reacted to "Hi Everyone, I'm joi..." with 👏

12:38:17 From Larissa Mar Fan to Karen Joyce(Direct Message) : Hi Karen. Haven't forgetten to spotlight you, just struggling to. Will get there

12:38:25 From Karen Joyce : https://agupubs.onlinelibrary.wiley.com/doi/full/10.1029/2023AV000894

12:38:36 From Brittany Dahl : Reacted to "https://agupubs.onli..." with 👍

12:38:53 From Karen Joyce to Larissa Mar Fan(Direct Message) : all good, I just have my vid off atm that's prolly why. I'll put it on now and see if that helps

12:39:16 From Larissa Mar Fan to Karen Joyce(Direct Message) : Ta. working now

12:39:22 From Karen Joyce : ^that's Morgan Crowley's paper

12:39:37 From Jasmine Muir : Reacted to "^that's Morgan Crowl..." with 👍

12:39:55 From Alisa Starkey (Ozius) : Reacted to "^that's Morgan Crowl..." with 👍

12:40:18 From Larissa Mar Fan : Link to the EOA Code of Conduct:

https://static1.squarespace.com/static/59b76501914e6bd226708d7a/t/64c07631a0fa9d56ce88c4b4/1690334769325/Code+of+Conduct.pdf

12:41:10 From Richard Crabbe : would the recording be available post-webinar?

12:41:23 From Michael Hewson : 1 RS unit at CQU too..

12:41:25 From Arko Lucieer : I find it challenging to keep track of the number of EO missions both by commercial industry as well as space agencies. What are the key missions and sensor properties that graduates should be aware of?

12:41:29 From Larissa Mar Fan : Yes, recording will be available on the EOA website next week.

12:41:48 From Bradley Evans : I would say still a lack of basic coding skills across the Environmental Sciences. This limits what we can do, to GUI's, my personal efforts to change this have been successful but more work needs to be done.

12:41:54 From Arko Lucieer : Replying to "I find it challengin..."

I teach first-year and second-year remote sensing at the University of Tasmania

12:42:50 From Arko Lucieer : Another challenge is what software to use for teaching practical RS skills + balancing desktop-based software vs online services + API/coding driven processing.

12:43:11 From Bradley Evans : Reacted to "Another challenge is..." with 👍

12:43:29 From Sharyn Hickey : Reacted to "Another challenge is..." with 👍

12:45:21 From Christine : Even at USQ, where there is a dedicated Spatial Science degree, the courses completed are scattered across various disciplines, rather than focussed on a specialisation. I majored in GIS and had several semesters where I completed zero GIS subjects.

12:46:00 From Arko Lucieer : Replying to "Another challenge is..."

We have been using ENVI for years, but it seems to be getting old-fashioned and clunky. There are major improvements in RS support in Arc Pro. QGIS is attractive as it is getting very mature and has powerful plugins (and is free!). Python skills are becoming more and more important. DEA Sandbox and Python tutorials are fantastic.

12:46:05 From Tim Neale - DataFarming : Reacted to "Even at USQ, where t..." with 👍

12:46:07 From Tim Neale - DataFarming : Removed a 👍 reaction from "Even at USQ, where t..."

12:46:09 From Tim Neale - DataFarming : Reacted to "Even at USQ, where t..." with ❤️

12:46:28 From Karen Joyce : Reacted to "We have been using E..." with 👍

12:47:54 From Karen Joyce : Replying to "Another challenge is..."

I'm still teaching with ENVI too Arko for the desktop option, but I agree, feels sooo old fashioned! Also using GEE for postgrads. I think most of my undergrads would be completely lost with the coding so need to keep some GUI. Also ENVI is expensive to run just for one subject

12:48:24 From Jason Dail : I will be using SAR for my PhD :)

12:48:31 From Tim Neale - DataFarming : Reacted to "I will be using SAR ..." with 👍

12:48:34 From Christine : I would agree that a lot of students believe that they "know everything" after completing one or two courses.

12:48:43 From Raja Ram Aryal, UQ : Reacted to "I will be using SAR ..." with 👍

12:48:44 From Tim Neale - DataFarming : Reacted to "I would agree that a..." with 👍

12:48:46 From Olivia Breen : Reacted to "I would agree that a..." with 👍

12:48:48 From Olivia Breen : Reacted to "I will be using SAR ..." with 👍

12:48:52 From Dan Robbins : Reacted to "Hi everyone, I’m cal..." with 👍

12:49:01 From Raja Ram Aryal, UQ : Reacted to "Another challenge is..." with 👍

12:49:04 From Raja Ram Aryal, UQ : Reacted to "We have been using E..." with 👍

12:49:24 From Richard Crabbe : Adding to Arko's comments- Using Google Earth Engine and OpenEO is also becoming popular. But SNAP for SAR data should be encouraged as well

12:49:31 From Bradley Evans : Replying to "Another challenge is..."

I've worked with and without ENVI and discovered what it is useful for is learning what is available/ done in RS already, before one launches into the world of Python or R where the remote sensing is often described differently.

12:50:55 From Arko Lucieer : Reacted to "I've worked with and..." with 👍🏻

12:51:09 From Arko Lucieer : Reacted to "I'm still teaching w..." with 👍🏻

12:51:22 From Alisa Starkey (Ozius) : Reacted to "I've worked with and..." with 👍

12:52:55 From Bradley Evans : Replying to "Another challenge is..."

@Dan Tindall I suggest University enrolment departments would love that idea :-)

12:55:44 From Stefan Maier : I guess one challenge is that EO is so multi-disciplinary. So there is not "one" career path.

12:55:50 From Bradley Evans : Replying to "Another challenge is..."

How useful do people fine GA DEA for training?

12:55:52 From Christine : Work experience in grade 11 and 12 was a key awareness raising exercise for me. Do these programs still happen?

12:56:07 From Dan Tindall : Reacted to "@Dan Tindall I sug..." with 👍

12:56:33 From Christine : Reacted to "I guess one challeng..." with 👍

12:56:50 From Alisa Starkey (Ozius) : Ability to learn new software is key (as its changing all the time now) rather than needing in-depth knowledge of a specific software eg ENVI, QGIS, ArcPro. Python/coding skills would be awesome as we dont have time to train much once 'in the seat' in industry. Would rely on ability to self-learn. So the more that can be done to formally train in coding, the better. Then, there's stackexchange for a lot of the rest!!

12:56:55 From Karen Joyce : Replying to "I guess one challeng..."

I agree @Stefan Maier - I don't think there's ever a way that any education system can cover it anyway. I think most industries will agree that there is always OJT

12:57:41 From Gavin Kennedy : As RS & EO become increasingly data science oriented, should we teach coding to geo/eo students, or geo/eo to data science students, or promote a balance between? Often coding is an add on to science degrees and that doesn't necessarily give effective skills.

12:57:50 From Olivia Breen : Reacted to "As RS & EO become in..." with 👍

12:57:53 From Stuart Phinn : Replying to "Another challenge is..."

Very useful through their Sandbox environment and collaboration with GA staff

12:58:13 From Alisa Starkey (Ozius) : Reacted to "I guess one challeng..." with 👍

12:58:18 From Bradley Evans : Sponsored practicals in EO courses, involving field trips, with ground truthing, is something I would find useful. As educators we generally synthesis such things.

12:58:30 From Arko Lucieer : Replying to "Another challenge is..."

Very useful. Excellent resource!

12:58:33 From Bradley Evans : Reacted to "Very useful. Excelle..." with 👍

12:58:36 From Bradley Evans : Reacted to "Very useful through ..." with 👍

12:58:38 From Christine : My training in coding at Uni was almost useless - joining the IT students learning python in general ways, rather than specific to EO/GIS applications just created frustration and confusion for me. Scared me off coding, to be honest!!

12:58:44 From Olivia Breen : Reacted to "My training in codin..." with 👍

12:58:57 From Olivia Breen : Reacted to "Sponsored practicals..." with 👍

12:59:09 From Richard Crabbe : Replying to "I guess one challeng..."

i am keen to know what industry makes of the soft-skills of EO graduates at the start of their roles

13:00:06 From George Dyke : Just sharing - CEOS this year updated its SAR ‘Layman’s Guide’ - https://ceos.org/ard/files/Laymans_SAR_Interpretation_Guide_3.0.pdf

13:00:13 From Bradley Evans : Replying to "My training in codin..."

Yes, this is a common problem, driven by coding being something most Enviro/Agro students pick up in postgrad in Australia

13:00:27 From Caroline Poulsen : Reacted to "I will be using SA..." with 👍

13:00:28 From Arko Lucieer : Reacted to "Just sharing - CEOS ..." with 👍🏻

13:00:29 From Jason Dail : Reacted to "Just sharing - CEOS ..." with 👍🏻

13:00:45 From Jason Dail : Replying to "Just sharing - CEOS ..."

Thanks very much for sharing

13:00:57 From Gavin Kennedy : And drive the demand across small businesses, like Tim's.

13:01:23 From Christine : How much of a delay between demand and a supply, though?

13:02:12 From Sharyn Hickey : in WA we struggle to keep students to do PhDs, as their is high demand in workforce here

13:02:13 From George Dyke : Replying to "Just sharing - CEOS ..."

There is also a Google Colab Notebook version - https://drive.google.com/drive/folders/1KHWhYx6OOB3JF5RVRX3V9HPz-9dF81No

13:02:41 From Christine : University can't/won't keep up with the changes in technology! Design a course, get it approved, deliver/tweek - takes a lot of time.

13:02:50 From Tim Neale - DataFarming : Reacted to "University can't/won..." with 👍

13:03:02 From Tim Neale - DataFarming : Replying to "University can't/won..."

we need to find someone that can then!

13:03:02 From Bradley Evans : @Tim Neale - DataFarming the reason I don't teach GEE is because I want to support Australian EO scientists, and systems, like GA DEA and others efforts. We have the same goal though.

13:03:06 From Olivia Breen : Replying to "My training in codin..."

This was my experience at uni as well, as a recent graduate

13:03:44 From Alisa Starkey (Ozius) : Reacted to "My training in codin..." with 😭

13:03:52 From Tim Neale - DataFarming : Reacted to "I guess one challeng..." with 👍

13:04:06 From Raja Ram Aryal, UQ : Reacted to "There is also a Goog..." with 👍

13:04:06 From Tim Neale - DataFarming : Reacted to "How much of a delay ..." with 👍

13:04:09 From Olivia Breen : Replying to "University can't/won..."

Even running light python or other programming language courses so graduates have some sort of idea would be good

13:04:23 From Tim Neale - DataFarming : Reacted to "@Tim Neale - DataFar..." with 👍

13:04:47 From Olivia Breen : Reacted to "Ability to learn new..." with 👍

13:04:57 From Tim Neale - DataFarming : Replying to "@Tim Neale - DataFar..."

Thanks. More the point that this is fairly generic system that can be used as a training tool

13:04:59 From Bradley Evans : Replying to "My training in codin..."

@Olivia Breen @Christine … clearly you didn't do my course lol

13:05:00 From Karen Joyce : I think it's more important to teach people how to be creative in problem solving rather than to know a specific piece of software and what to click

13:05:09 From Olivia Breen : Reacted to "@Olivia Breen @Chris..." with 😂

13:05:09 From Sharyn Hickey : Reacted to "I think it's more im..." with 👍

13:05:17 From Tim Neale - DataFarming : Reacted to "My training in codin..." with 👍

13:05:23 From Bradley Evans : Replying to "I think it's more im..."

100%

13:05:31 From Brittany Dahl : Reacted to "I think it's more im..." with 👍

13:05:33 From Michael Hewson : Reacted to "I think it's more im..." with 👍

13:06:11 From Tim Neale - DataFarming : Replying to "I think it's more im..."

sure, but GEE is a good learning tool - you need to learn a lot of skills to work it. I need people trained in this to be useful for my organisation though too.

13:06:14 From Olivia Breen : Replying to "My training in codin..."

@Bradley Evans If only! All my work was in ArcGIS and GEE. It's a shame, I would've loved to learn then

13:06:28 From Olivia Breen : Reacted to "sure, but GEE is a g..." with 👍

13:06:29 From Alisa Starkey (Ozius) : Industry is progressing rapidly, and there's a real urgency to get these skills to move through the education system and "out". PHD's are no longer needed to get a job in our field. So there is no need for those students to 'wait' for a PHD to go get a job. We need to pump more info in EARLIER - can't rely on students waiting to get a PHD to get the 'full experience' of EO project design and delivery.

13:06:35 From Sharyn Hickey : Reacted to "sure, but GEE is a g..." with 👍

13:06:39 From Arko Lucieer : Replying to "I think it's more im..."

Couldn't agree more! We want our graduates to be good problem-solvers with the right attitude towards finding solutions to technical problems whatever the software or technological environment throws at them.

13:06:58 From Alisa Starkey (Ozius) : Perhaps those 'empty' PHD projects are an opportunity to work with industry who have similar research challenges to share human resources.

13:07:00 From Karen Joyce : Replying to "I think it's more im..."

I agree @Tim Neale - DataFarming which is why I teach GEE as well 🙂 I can send you some JCU students!

13:07:01 From Christine : Replying to "I think it's more im..."

In principle I agree - but when you're a graduate in your first job and need to use a piece of software, it is quite scary to not have at least some level of awareness about "what button to push" for the basics

13:07:03 From Lee-Anne Worrall : As a recent graduate, I know I have the base skills and the passion, but don't feel I have the skills required which are listed in a lot of job descriptions and feel too intimated to apply. If the ad addresses that they are willing to offer additional training to the right applicants, I would feel more confident to apply. Getting work experience and knowing what is actually involved on the job would be invaluable... even just having someone who works in remote sensing come along to classes to describe what they do in their positions, would be great.

13:07:10 From Tim Neale - DataFarming : Reacted to "I agree @Tim Neale -..." with 👍

13:07:12 From Olivia Breen : Reacted to "As a recent graduate..." with 👍

13:07:26 From Alisa Starkey (Ozius) : Reacted to "I think it's more im..." with 👍

13:07:34 From Arko Lucieer : Reacted to "I think it's more im..." with 👍🏻

13:07:50 From Steve Petrie : For industry professionals interested in a paid 5-week short course: I'll be running an Earth Obs Data Analysis course starting Oct 17 out of Swinburne University (we'll cover developing EO pipelines in DEA and GEE): https://www.eventbrite.com.au/e/earth-observation-data-analysis-course-oct-17-to-nov-16-2023-tickets-689064409197

13:08:07 From Tim Neale - DataFarming : Reacted to "For industry profess..." with ❤️

13:08:10 From Bradley Evans : Reacted to "For industry profess..." with 👍

13:08:16 From Christine : Reacted to "As a recent graduate..." with 👍

13:08:32 From Tim Neale - DataFarming : Reacted to "As a recent graduate..." with 👍

13:08:41 From Alisa Starkey (Ozius) : Reacted to "As a recent graduate..." with 👍

13:08:47 From Barb Harrison : Replying to "I think it's more im..."

Old-fashioned Maths and Science courses used to teach problem-solving in high school.

13:09:12 From Olivia Breen : Reacted to "In principle I agree..." with 👍

13:09:28 From Lee-Anne Worrall : Reacted to "In principle I agree..." with 👍

13:10:07 From Olivia Breen : Replying to "I think it's more im..."

I think exposure to a range of software is probably key - then you're able to problem-solve with different metrics, if you understand the 'language', so to speak.

13:10:21 From Alisa Starkey (Ozius) : Reacted to "Couldn't agree more!..." with 👍

13:11:27 From Jas Singh : I am a current PhD student and have started learning GEE (and RS itself) about a year ago and mainly through YouTube and have had the opportunity to be a teaching assistant for a GIS and RS course this year. I agree that GEE and other big data type analysis platforms for EO should be offered for undergrads

13:11:36 From Olivia Breen : Reacted to "I am a current PhD s..." with 👍

13:11:40 From Alisa Starkey (Ozius) : Reacted to "Just sharing - CEOS ..." with 👍🏻

13:11:52 From Tim Neale - DataFarming : Reacted to "I am a current PhD s..." with 👍

13:11:55 From Caroline Poulsen : Reacted to "As a recent gradua..." with 👍

13:12:25 From Brittany Dahl : Also for industry professionals - I work at NGIS and we run courses, including GEE: https://ngis.com.au/Training/Browse-Courses/Google-Courses. +We are always looking for graduates too

13:12:26 From Bradley Evans : One advantage of our EO scientists working on 'National Datasets' is that when their work comes to integrating with the Government and tangible changes on the ground, their work is directly comparable to the 'data' the Government is using to manage Australian outcomes.

13:13:13 From Raja Ram Aryal, UQ : The best part of GEE output also used in the Accuracy Assessment collect.earth platform.

13:13:38 From Karen Joyce : When you teach for creativity, problem solving, and 'flearnings' rather than 'failures', you have to cut content out of the curriculum which is often not popular. But I think it gets better results in learning outcomes

13:13:39 From Larissa Mar Fan : https://www.earthblox.io/

13:14:05 From Caroline Poulsen : Reacted to "I think it's more ..." with 👍

13:16:22 From Alisa Starkey (Ozius) : Replying to "I guess one challeng..."

@Richard, being able to talk to clients is extremely important. We need people who can draw out the core of complex problems and link that to how technology can address that problem, simply. Being able to discuss limitations is also extremely important so we dont over-promise what EO can do. Happy to chat more.

13:17:01 From Brittany Dahl : Reacted to "I guess one challeng..." with 👍

13:17:07 From Dan Tindall : Coding skills are an essential component of EO but good stafware developers don't necessarily make good algorithm developers or sceince "appliers". We still need people who understand the fundamentals of sensors and perhaps more importantly, understand the problem they are addressing, be it oceans, land, air, atmosphere. Ideally, you get all of that in one person, but I haven't seen a unicorn for a long time!

13:17:15 From Tim Neale - DataFarming : Reacted to "@Richard, being able..." with 👍

13:17:19 From Alisa Starkey (Ozius) : Reacted to "I am a current PhD s..." with 👍

13:17:37 From Caroline Poulsen : Reacted to "Coding skills are ..." with 👍

13:17:40 From Bradley Evans : Reacted to "Coding skills are an..." with ❤️

13:17:40 From Lee-Anne Worrall : Reacted to "Coding skills are an..." with 👍

13:18:37 From Bradley Evans : Replying to "Coding skills are an..."

As a PhD supervisor I have found the coders listen but need an external influence to jump the threshold and become unicorns

13:18:47 From Alisa Starkey (Ozius) : Reacted to "Coding skills are an..." with 👍

13:19:01 From Tim Neale - DataFarming : Reacted to "Coding skills are an..." with 👍

13:19:18 From Dan Tindall : Reacted to "As a PhD superviso..." with 👍

13:19:21 From Dan Robbins : Reacted to "Coding skills are an..." with 👍

13:20:10 From Caroline Poulsen : Thinking towards the future, how is AI going to change the skill sets we need? I expect coding will become a lot easier and require less undergraduate training.

13:20:28 From Richard Crabbe : Reacted to "@Richard, being able..." with 👍

13:21:48 From Dan Tindall : Reacted to "Thinking towards t..." with 👍

13:22:22 From Dan Robbins : Coding skills are an essential component of EO but good stafware developers don't necessarily make good algorithm developers or sceince "appliers". We still need people who understand the fundamentals of sensors and perhaps more importantly, understand the problem they are addressing, be it oceans, land, air, atmosphere. Ideally, you get all of that in one person, but I haven't seen a unicorn for a long time!

Imperial College London offered a specific MSc degree on scientific programming in the context of geology to address this issue. Maybe a similar style course aimed at EO/remote sensing would a good idea for Australian universities?

13:22:37 From Dan Robbins : Reacted to "Thinking towards the..." with 👍

13:22:52 From Bradley Evans : Replying to "Coding skills are an..."

On it 😃

13:22:58 From Alisa Starkey (Ozius) : Reacted to "On it 😃" with 👍

13:23:00 From Dan Robbins : Reacted to "On it 😃" with 👍

13:23:06 From Dan Tindall : Reacted to "Coding skills are ..." with 👍

13:23:59 From Christine : I want to be a scientist. I appreciate being able to use certain tools, but I don't want to just click a button and "trust" that the output/result is correct. Being a scientist is having that critical thinking, the base understanding and technical ability - all combined. Does EO want Scientists or button clickers?

13:24:14 From Dan Tindall : Reacted to "Industry is progre..." with 👍

13:25:22 From Bradley Evans : @Iain Woodhouse do you have some tools for the user to capture/ describe context of what they are creating. This is the next step we work hard on in teaching.

13:25:44 From Stuart Phinn : Replying to "Coding skills are an..."

Good point and maybe it is not what EO wants - it is what the different areas that need to conduct science to understand and solve problems - there Is not one solution and there are a range of tools - I guess the answer is EO wants and needs both.

13:26:31 From Bradley Evans : Replying to "Coding skills are an..."

@Dan Robbins do you have a link?

13:26:35 From Stuart Phinn : Replying to "I want to be a scien..."

Good point and maybe it is not what EO wants - it is what the different areas that need to conduct science to understand and solve problems - there Is not one solution and there are a range of tools - I guess the answer is EO wants and needs both.

13:26:49 From Arko Lucieer : Next year, we are introducing a new 3rd year subject at UTAS focusing on Geospatial Coding. It starts with a module on basic Python (supported by DataCamp tutorials), then progresses to Python in QGIS and handling spatial data, and then looks at using Python packages (like rasterio, etc) to handle spatial data and implement basic algorithms. The focus is on Python coding in a geospatial context (e.g. not focusing on learning the Python language, but focusing on developing the coding skills to handle spatial data and solve spatial problems).

13:27:05 From Bradley Evans : Reacted to "Next year, we are in..." with ❤️

13:27:12 From Olivia Breen : Reacted to "Next year, we are in..." with ❤️

13:27:25 From Bradley Evans : Replying to "Next year, we are in..."

Let me know if you want a collaborator

13:27:39 From Dan Robbins : Replying to "Coding skills are an..."

https://www.imperial.ac.uk/earth-science/prosp-students/pg-courses/applied-computational-msc/

13:27:43 From Arko Lucieer : Replying to "Next year, we are in..."

A collaborative team approach would be great

13:27:49 From Bradley Evans : Reacted to "A collaborative team..." with 👍

13:28:07 From Bradley Evans : Reacted to "https://www.imperial..." with 👍

13:28:17 From Arko Lucieer : Loving the EarthBlox demo!

13:28:21 From Stuart Phinn : Replying to "Next year, we are in..."

Agree - I think we all have parts of this…

13:28:48 From Nhat Nguyen - Otrafy : Reacted to "Next year, we are in..." with ❤️

13:28:49 From Karen Joyce : Much prettier than GEE :)

13:28:59 From Tim Neale - DataFarming : Reacted to "Much prettier than G..." with 🤣

13:29:04 From Iain Woodhouse : https://youtube.com/playlist?list=PLcqq3GwbKi22hEVl3Ibb3g82TNCc1iUcz&si=8-oiuIK9nhyYqG7M

13:29:06 From Bradley Evans : Reacted to "https://youtube.com/..." with 😂

13:29:13 From Bradley Evans : Removed a 😂 reaction from "https://youtube.com/..."

13:29:16 From Alisa Starkey (Ozius) : Reacted to "Next year, we are in..." with ❤️

13:29:20 From Bradley Evans : Reacted to "https://youtube.com/..." with 👍

13:29:22 From Kafle : Reacted to "https://youtube.com/..." with 👍

13:29:22 From Dan Robbins : Reacted to "https://youtube.com/..." with 👍

13:29:50 From Sharyn Hickey : Replying to "Next year, we are in..."

we have a similar 4th yr unit, but we use arcpro and python, would be great to chat

13:29:52 From Jason Dail : Reacted to "https://youtube.com/..." with 👍

13:29:54 From Raja Ram Aryal, UQ : Reacted to "Next year, we are in..." with ❤️

13:30:06 From Larissa Mar Fan : Replying to "Next year, we are in..."

Can we improve? Feed back on today's webinar is welcome: https://forms.gle/PYZJ9iapA63aVqsU7

13:30:13 From Iain Woodhouse : i.h.woodhouse@earthblox.io

13:30:25 From Larissa Mar Fan : Replying to "Next year, we are in..."

A recording of today's webinar will be made available on the EOA wesite early next week:

https://www.eoa.org.au/webinars

13:30:36 From Raja Ram Aryal, UQ : Reacted to "https://youtube.com/..." with 👍

13:31:47 From Iain Woodhouse : Replying to "I want to be a scien..."

That’s an important point. Earth Blox makes it transparent as to source and the steps involved.

13:32:23 From Bruce Forster Rs and Photo. Commission SSSI Australia : We need professional who understand the problem, the available data sources, and available data tools, and pathways between problem and solution. Then technical experts skilled in various areas to undertake the work needed. Bruce Forster.

13:32:39 From Caroline Poulsen : Reacted to "We need profession..." with 👍

13:32:41 From Alisa Starkey (Ozius) : The focus is on Python coding in a geospatial context (e.g. not focusing on learning the Python language, but focusing on developing the coding skills to handle spatial data and solve spatial problems).

i believe this is what we mean when theres a call for 'more Python skills' - its not to run an IT department, its for geospatial/EO analysis. So i appreciate how doing a Python course at Uni without the Geospatial lens would be yuk. This geospatial/EO focus would be wonderful to bridge some of the gaps to include in Uni Courses. Would love to see it! 🙂

13:32:50 From Iain Woodhouse : Reacted to "Much prettier than G..." with 😃

13:33:00 From Arko Lucieer : Thank you! Great session!

13:33:02 From Larissa Mar Fan : Can we improve? Feed back on today's webinar is welcome: https://forms.gle/PYZJ9iapA63aVqsU7

13:33:07 From Bradley Evans : Thank you EO team it was awesome !

13:33:15 From Sharyn Hickey : thanks :)

13:33:19 From Karen Joyce : Thanks everyone, really great discussion here!

13:33:20 From Jasmine Muir : Thanks everyone!

13:33:21 From Raja Ram Aryal, UQ : Thank you for all

13:33:27 From Alisa Starkey (Ozius) : Thanks all. Great to 'see' and hear from everyone.