

## 2021 CSAS Annual Board Meeting Minutes

Date: September 7<sup>th</sup>, 2021

Video: Board meeting was conducted via teleconference with GoToMeeting

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Members present: Dave Kanzer (President), Keith Roush (Secretary/treasurer), Laurna Kaatz, Art Mears, Jeff Deems (Vice President), Tom Ryan, Frank Kugel, and Jeff Derry (Executive Director)

Absent: Heidi Steltzer, Marti Whitmore.

**9:08 AM MEETING CALLED TO ORDER, DETERMINED THAT QUORUM IS ESTABLISHED, BOARD INTRODUCTIONS.**

### AGENDA

- Kanzer asks board to consider agenda-ver2 for approval.

**DEEMS MOVES TO APPROVE AGENDA, ROUSH SECONDS, APPROVED UNANIMOUSLY BY SHOW OF HANDS OR SAYING AYE.**

### 2020 MEETING MINUTES

- Kanzer, provided edits highlighted in “red”
- Kugel, San Luis Water CD change to be correct
- Deems, Storm Peak Lab, not King

**ROUSH MOVES TO APPROVE MINUTES WITH EDITS. KUGEL SECONDS. APPROVED UNANIMOUSLY BY SHOW OF HANDS OR SAYING AYE.**

### WELCOME LAURNA KATZ TO THE BOARD

- Kaatz introduced herself during board introductions.

**ROUSH MOVES TO ELECT KAATZ TO THE BOARD. KUGEL SECONDS. APPROVED UNANIMOUSLY BY SHOW OF HANDS OR SAYING AYE.**

### BOARD BUSINESS

- No changes, Board committed to another year.
- No proposed changes to officers

**KUGEL MOVES MOTION FOR BOARD TO AFFIRM TO PARTICIPATE ANOTHER YEAR. ROUSH SECONDS. APPROVED UNANIMOUSLY BY SHOW OF HANDS, SAYING AYE.**

**EXECUTIVE DIRECTOR'S REPORT**

- **Summary of 2020 Action Items**
  1. Edits to minutes completed
  2. Roush/Derry to approach Outdoor Industry about support and participation. Outcome, not much going on due to COVID, the Show is moving to Utah. If we had a call to action would maybe be better.
  3. Kanzer volunteers to help draft letter to Lower Basin, Climate change action, recreation a focus. Kaatz emphasizes tracking long term trends. Deems has outdoor contacts.
  4. Roush help with letter and outreach to Outdoor Industry, Nathan.
  5. Tower Upgrades: Move towards getting a tower inspector to replace cables and fittings on SBSP tower.
  6. No trespassing signs at Putney, have not did this yet.
  7. Deems to sign waiver form
  8. Created avalanche page on website. Art provided edits.
  9. Survey to stakeholders completed
  10. Worst case scenario budget, no comments
  11. Credit card charges: Explored getting a cheaper cc vendor for cc transactions, turns out we have cheapest option now.
  12. Board requested timing of CRREL funding, Derry sent info to Board
  13. Figure out level of support from CRREL
  14. Red Mt SNOTEL: Explore increasing sensors at SNOTEL and build collaborators and funders to build it out. Work in progress, NRCS already is creating "super" sites.
  15. Desire to have more exposure in storm peak lab and Yampa Basin.
  16. Work with Kanzer to work with Upper Yampa CD letter
- **Year in Review**
  - Derry only full-time employee, sometimes have part-time help. Andrew Temple minimal. Jasper Thompson filled in gaps with CODOS tours. Paid Jasper directly.
  - Paid IT guy, Matt Hurley, about furthering website development. Hurley worked little this year.
  - Derry reviewed breakdown of labor allocation as detailed in Director's Report.
  - Kanzer: What difference is there between 1099 and having person on payroll? Roush, 1099 is independent contractor, CSAS does not pay insurance for these people. Can pay more with 1099. Should we have threshold of person on 1099 or payroll instead?
  - 1-pager in board handbook defining when a person is 1099 or on payroll, Ryan agrees to help with creating. Divide by function, office, field, etc. Ask Marti or Pinnacol about what work comp covers, car accidents (action item)?
  - Derry, page 3, shows where hours went from year to year for employees.

- Kanzer: Should we advertise need for help with field work? Roush, 4CSAW may reveal who might be available this year. Deems agrees. Deems, hold a training course for new folks? Have Temple train folks? Derry, I put new folks with Temple to train informally.
- Standard entry training for new employees based on tasks. To advertise for help is up to Derry (**action item**).
- Third party audit, Ron Graham reviewed books back to 2016, pretty straight forward. No red flags. Put money into higher interest account? Derry, we are tracking money well. Have Keith sign mileage/per diem checks for helpers and Director? Kanzer, should Roush sign petty cash distributions? Roush, we have good track record, not necessary. Kanzer, good to have written report of independent audit on regular basis, every 5 years, memo in place or summary of conversation. Derry, keep bank withdrawal at \$2,500 due to potential fraud.
- Research Activity
  - SnowEx had successful season across the West including Senator Beck.
  - AERONET, Tom Painter removed aeronet, working directly with Goddard to host one of their aeronets. They can only pay \$500/year as user fee. Consensus is to keep instrument. Deems, find people who use data and support data. Kanzer, outreach so folks know data is available.
  - USGS chemistry project had to take year off because of COVID.
  - CREEL had helped at SBB for a couple days collecting data.
  - USGS-NGWOS to install station at SBSP. A number of neat sensors. Our data help put in context. They pay user fee. Deems, USGS should add at SASP and Red Mt SNOTEL, he will contact.
  - ASO, fits in what CSAS does. Deems, USGS pays for some of those flights. ASO uses CSAS data for data verification. News element on CSAS website would be great to do (**action item**).
  - Letter of support for ASO flights (**action item**).
  - Gigi and Stephany Camp still has instruments at SASP.
  - Stephen Fassnacht has observation wells at SASP. Temp sensors have been removed. Another student looked at albedo under snow surface. Another looked at snow all gone dates and streamflow. Deems, encourage to look at indefinitely, well info very important. Kanzer: do we have access to records? Curate data and house on CSAS website. Integrate Gigi student's and research activities into Director reports.
  - Continue feeding data to Bureau of Rec Dashboard. Kanzer, BoR Gunnison side use our data? answer no. Mike Berry makes decisions.
  - Derry, question to Deems, Mark Raleigh around to do published dataset? Deems, would be good to contact and ask. Deems send email.
  - Contact Mark Raleigh about publishing dataset (**action item**).
  - Push data to CAIC and NWS ongoing. Researchers still use data.
- Research Publications
  - Derry reviewed publications for past year
- Conferences and Presentations

- Covid kept things remote.
- Water districts, plan to talk with all in-person this Fall.
- CODOS Highlights
  - Careful about covid again.
  - A few press inquiries, Nat Geo was the highlight.
  - Durango Herald did a piece as well.
  - Continued the usual data collection.
  - USGS detected microplastics, Kanzer, let's continue high quality data collection.
- Mountain System Products
  - Susan and Gigi visited, or hope to get up to SASP soon.
  - Continued doing storm reports
  - Continued functioning Current Conditions page
  - Had a few station glitches, phone line, modem, radios, over past few months.
  - Calibrated radiation sensors at SASP
  - 6 free CR10X loggers out of Salt Lake City, to serve as back up.
  - Old employer, Mike Lilly, help with a CSI contact to contribute sensors, software, etc, to SBB, to serve as test site for CSI products. Another research was going to bring students to SASP, that got cancelled.
  - Plant survey completed this summer. Took about 10 days. Success.
  - Survey Results: Sent to Board members mid-year. People valued the DERC info.
  - Website usage details in handout. Spike when nat geo piece came out.
  - Kanzer, Do we engage social media? Derry, When we have an observation to share.

**BREAK FOR LUNCH FOR 70 MINUTES.**

**FINANCE**

- Financial report to board for FY 2020/21.
  - Director reviewed P&L Standard document.
  - Mentioned cancelled CWCB grant, GMUG funding, BoRec funding
  - Discussion ensued of health of finances in general in an age of COVID.
  - Derry: Make or break for budget for next year is the Zoe C at CRREL funding.
  - Discussed WSRF funding grant.

**RYAN MOVES TO ACCEPT FINANCIAL REPORT FY 2020/2021 P&L. DEEMS SECONDS. APPROVED UNANIMOUSLY BY SHOW OF HANDS OR SAYING AYE.**

- Discussion continues about proposed FY 21/22 budget, and 3-year funding overview.
  - Southern Nevada would be good to engage Lower Basin. AZ wants nothing to do with CSAS.
  - Discussed third party fund raising efforts. Would require lots of board time and effort. Stacy Beau would require money for effort. Deems, articulate what funding is for? Derry, I rank most probable grant success and go from there.

- Kugel: microplastics and forever chemicals. Leverage point. Opens up other funding and interest groups.
- Deems, have separate meeting about long-term vision. Or brainstorm ideas to a shared doc. Widen funding pool, like microbrews. Roush, Ska would be good candidate.
- Derry, buy a building and rent out offices to non-profit?

**DEEMS MOVES TO APPROVED PROPOSED FY 2021/2022 BUDGET AS AMENDED DURING MEETING. MEARS SECONDS. APPROVED UNANIMOUSLY BY SHOW OF HANDS OR SAYING AYE.**

**ROUSH MOVES TO GO INTO EXECUTIVE SESSION, MEARS SECONDS, APPROVED UNANIMOUSLY BY SHOW OF HANDS OR SAYING AYE.**

#### EXECUTIVE SESSION

- Kanzer reviews executive session.
- Board will provide cost of living increase, TBD as per CPI index.
- Funding a high priority for action plan, watersmart, CWCB, Roundtables, Lower Basin, etc. Kanzer organize Gunnison RT presentation.

#### NEXT MEETING DATES AND FINAL COMMENTS

- Roush, climate change and microplastics is window for more funding.
- Deems, publicize plant survey?
- Jonathon Thompson reporter, dial in with him?
- Next meetings, mid-November, put info on website. November 17 Thursday at 9am. check-in. January 20, Thursday 10am check-in. March 24 Thursday 9am check-in. Annual Meeting: September 8, Thursday 9am.

#### SUMMARY OF ACTION ITEMS

1. 1-pager in board handbook defining when a person is 1099 or on payroll, Ryan agrees to help with creating. Divide by function, office, field, etc. Ask Marti or Pinnacol about what work comp covers, car accidents?
2. Standard entry training for new employees based on tasks. Advertise for help up to Derry.
3. News element on CSAS website would be great to do.
4. Letter of support for ASO flights
5. Action: Contact Mark Raleigh about publishing dataset.

CHAT MESSAGES

9:21 AM

Me to Everyone

better?

9:26 AM

[Jeff Deems - Airborne Snow Observatories](#) to Everyone

i'm still here just saving bandwidth by turning off video...

9:31 AM

[Jeff Deems - Airborne Snow Observatories](#) to Everyone

San Luis Valley Water Conservancy District

10:54 AM

[DK - ColoRiver District](#) to Everyone

<https://labs.waterdata.usgs.gov/visualizations/snow-to-flow/index.html#/>

10:58 AM

[Laurna Kaatz](#) to Everyone

I agree with Deems, if we can make that happen.

10:59 AM

[Laurna Kaatz](#) to Everyone

I have to pop off at 11, back at 1-1:30, off again from 1:30-4, and back 4-5.

11:02 AM

[Laurna Kaatz](#) to Everyone

A letter of support for next year's flights would also be helpful

11:02 AM

[Laurna Kaatz](#) to Everyone

yep, exactly

11:03 AM

[Laurna Kaatz](#) to Everyone

i'll let you know

11:35 AM

[Art Mears](#) to Everyone

Will be leaving until 130. Art

1:35 PM

[Laurna Kaatz](#) to Everyone

I will be back on around 4pm. Thanks, LK

1:36 PM

[D K](#) to Everyone

thx LK

1:49 PM

[Tom Ryan](#) to Everyone

So the timing is good to ask now.

1:56 PM

[Keith Roush](#) to Everyone

Another space could be to share with Silverton Mountain in the old Miners Tavern/VFW space.

1:59 PM

[Jeff Deems](#) to Everyone

maybe we could acquire their liquor license too... ?

September 7<sup>th</sup>, 2021

2:21 PM

[Keith Roush](#) to Everyone

Our email lists tend to be made up of water users/recreationists rather than philanthropists

2:39 PM

[Tom Ryan](#) to Everyone

I have to go, I sent the Directors an email about my thoughts on this topic. Take care all.

2:40 PM

[Jeff Deems](#) to Everyone

Thank you Tom! Great to have you here...!