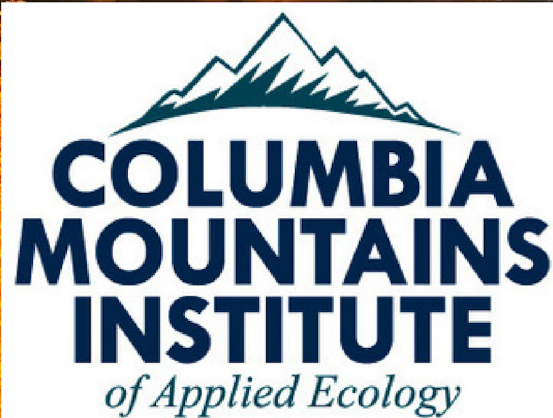

COLUMBIA MOUNTAINS INSTITUTE OF APPLIED ECOLOGY

2021 ANNUAL REPORT



www.cmiae.org

CMI acknowledges and honours the four nations on whose territory we work: the Sinixt, the Ktunaxa, the Secwepemc, and the Syilx.

MESSAGE FROM THE PRESIDENT

Our province of British Columbia weathered three states of emergency this year amid the backdrop of the global pandemic in its second year. This was, without a doubt, a challenging year and I am proud to see how resilient CMI has been and grateful to our supportive and equally resilient network. Together, we held what was likely the most highly reviewed conference in CMI's history, and of the 7 courses we hosted, 5 filled almost immediately and garnered long waitlists of hopefuls who demonstrated a commitment to conducting excellent ecological work in the region despite all the obstacles.

Marking change to come, we announced Carl's Schwarz's retirement from teaching with CMI. Between 2005 and 2021, Carl taught 39 statistics courses for our network! Carl has left big shoes to fill, but rest assured that we are working with some new instructors who have a lot to offer and will ensure that the statistical learning needs of our network are met.

- Carrie Nadeau, CMI President

OUR MEMBERSHIP & NETWORK

In 2021, our annual membership numbers remained stable despite the continuation of the pandemic, with a total of 106 individual members (includes students) and 24 corporate members (includes approx 215 individuals). Interestingly, an analysis of return versus new memberships showed that just 25 individual members were also members the year before, while the majority of corporate memberships were renewals. We saw an increase in the number of people enrolled to receive our event announcements with that list reaching 1505 people (up from 1460 in 2020.) Collectively, these people make up CMI's network.

CMI Membership over the last 10 years

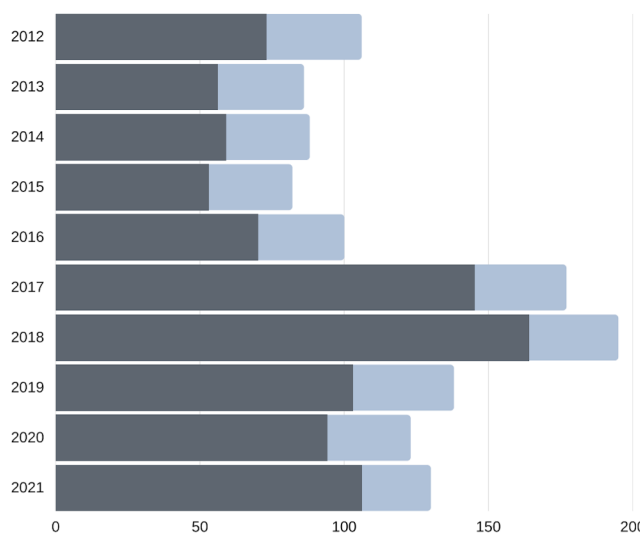


TABLE: Dark grey are individual members (including students), light grey are corporate members.

THANK YOU

2021 FUNDERS

- Columbia Basin Trust
- Teck Resources
- Alberta Biodiversity Monitoring Institute
- LGL Environmental Associates

2021 EVENT PARTNERS

- WildCAM Network
- University of British Columbia (UBC)
- WildCo Lab (UBC)
- University of Victoria
- Wildlife Insights

CONTINUING EDUCATION

As the pandemic continued in 2021, CMI further explored online delivery options for all our events and had great success. Delivering a combination of smaller in-person courses and fully online events allowed us to connect with one another, and share resources, research, and skill-building opportunities. The online format attracted a diversity of attendees from around the world who would not have otherwise participated in our offerings had they been offered in-person.

We are continually seeking feedback from our network on what sort of events and courses they could use to support their work – these suggestions drive our programming. We are always pleased to get your suggestions so please send them in!

Courses

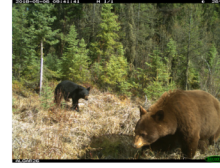
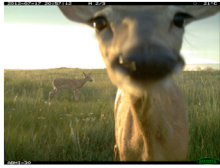
A total of 7 courses were held in 2021, which engaged a total of 127 students and 4 instructors. Sadly, we had to cancel Carl Schwarz's third course for 2021 in the face of an extreme weather event (Trends Analysis and Environmental Impact Assessment). Joe Thorley's course Understanding Statistics & Decision-Making for Resource Managers proved to be so popular we held it three times! Elke Wind's course on Amphibian Inventory and Monitoring Techniques was an incredible course whereby Elke nimbly adapted what was meant to be a field-based course into what became a very instructive, fun, and interactive online course. The following is a list of courses in the order they were held; the link will take you to our website for more information:

- [Amphibian Inventory & Monitoring Techniques](#)
- [Understanding Statistics & Decision-Making for Natural Resource Managers](#)
- [Introductory R Course – Online](#)
- [Intermediate R Course – Online](#)
- [Introduction to “R” Software](#)
- [Stats Refresher for Biologists in “R” Software](#)
- [Introduction to QGIS](#)

CMI RESOURCES & PUBLIC OUTREACH

CMI maintains and is continually adding to our [YouTube Channel](#) – a place that has just gotten better since the beginning of the pandemic and includes all the recordings curated during our popular [CREDtalks](#) series. There are dozens of talk recordings on there from past events that available to anyone with interest. We also create [proceedings documents](#) from all of our major events which are fabulous resources and available as free downloads from our website. Most of these proceeding documents can also be found on EcoCat: the Province of [BC's Ecological Reports Catalogue](#). EcoCat provides access to reports on ecological activities in BC, plus related files such as maps, datasets and published inventories when available. Subject areas include: aquatic species and habitats, terrestrial species and habitats, floodplain mapping, reservoirs, groundwater, and vegetation.

Conferences



In May of 2021 we delivered the much-anticipated conference on **Scaling up Camera Trap Surveys to Inform Regional Wildlife Conservation** in an online format. This conference had originally been scheduled for delivery in Kimberley BC in 2019, but in the wake of the pandemic the conference was rescheduled many times before finally taking place in a fully online format. This was the first fully online conference ever hosted by CMI and it was an incredible success! With the use of many online tools, an engaging emcee, and a very enthusiastic team of students from UBC's WildCo Lab, the conference was engaging from start to finish.

Registration for the online event rounded out at 200 people, attracted attendees and speakers from around the world, had strong student participants who were delighted to be able to interact with and learn from world leaders in camera trapping methods and analysis. An online platform (through Slack) was created to enhance interactivity during the event and remains active to this day. Registrants gained access to a private Conference Dashboard page which contained everything participants needed to participate in the event, and functioned as a space for sharing event posters, resources, and more. Event recordings were created and made available to all registrants for a set period of time, and a proceedings document was curated and posted to the event webpage as a free download for anyone who could use it.

Our project partner, the WildCAM Network came away from this event with clearly identified barriers to scaling up camera trap networks, the conference bolstered awareness of what can be done with camera trap networks in BC, and world leaders attending the conference became interested in working with BC-based researchers.

THANK YOU TO OUR BOARD OF DIRECTORS & STAFF

DIRECTORS:

Jeremy Ayotte
Marc-André Beaucher
Kevin Bollefer, Treasurer
Catherine Craig
Ryan Gill
Doris Hausleitner
Mike Miller
Randy Moody
Carrie Nadeau, President

DIRECTORS CON'T:

Harry van Oort
Peter Tarleton, Secretary (mat-leave fill for Natalie Stafl)
Brendan Wilson, Vice-President

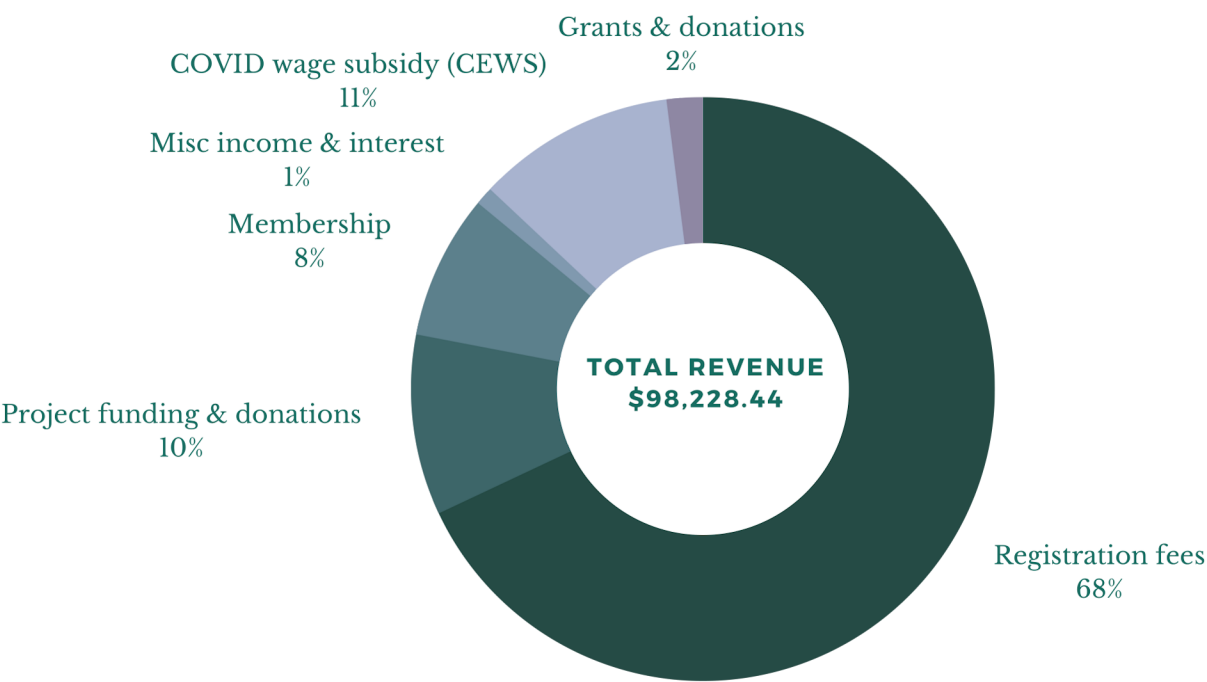
STAFF:

Hailey Ross, Executive Director
Mia King, Administrative Assistant

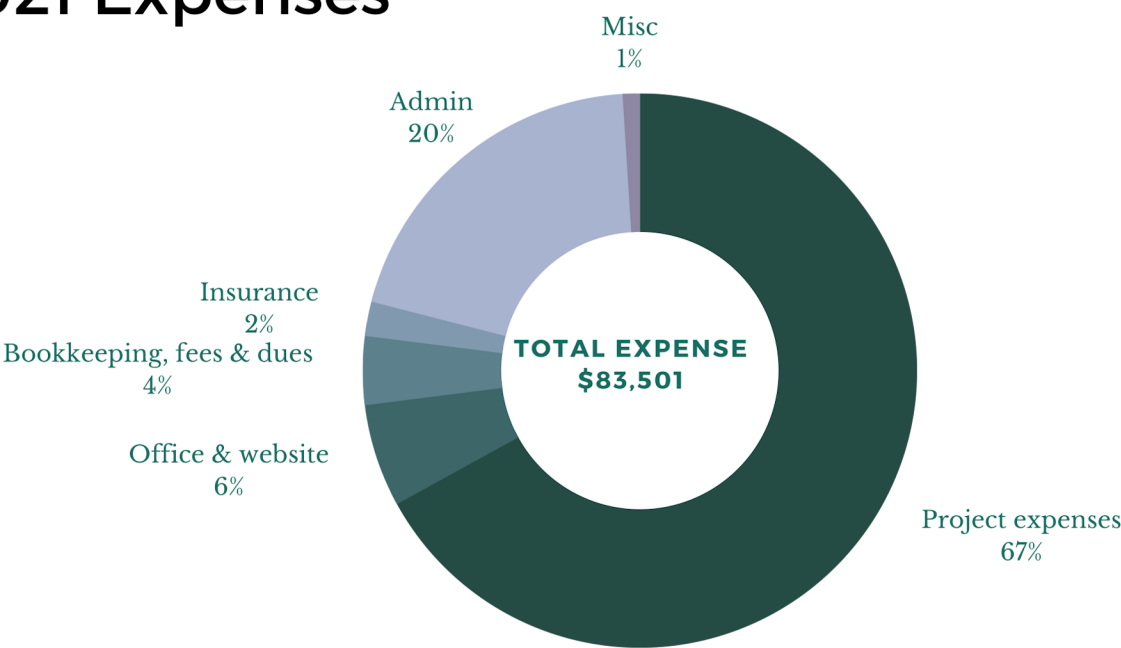
Learn more about our directors and staff on our webpage [here](#)

FINANCES

2021 Revenue



2021 Expenses



Net Profit for 2021 was \$14,727