

## PYRN Census

By Helena Bergstedt

For the second time in PYRN's history we are conducting a census of our members. We want to get to know you better, understand what PYRN can do for you and how we can improve in the future. Please take 10 minutes to fill the questionnaire and leave us some comments on how we can improve!

Please follow the link: <https://forms.gle/zHoBFkkRFg5fuxuk8>

## Budget cuts to University of Alaska

By Helena Bergstedt

As many of you may know, during the summer there have been some budget cuts in the University of Alaska. Being an important location for permafrost research as well as the location of many of our members, the PYRN ExCom felt that we should support efforts from the USPA to speak out against major budget cuts to vital permafrost research institutions.

More information can be found at: [https://pyrn.arcticportal.org/images/docs/Reports/PYRN\\_letter\\_budget\\_cuts.pdf](https://pyrn.arcticportal.org/images/docs/Reports/PYRN_letter_budget_cuts.pdf)

## PYRN activities in Canada

By Xiangbing Kong

The 18th International Conference on Cold Regions Engineering and the 8th Canadian Permafrost Conference was held at the Québec City Convention Centre, in Canada, from August 18th to 22nd, 2019. PYRN was active in this conference, and a special session in the name of “Permafrost Young Researchers Network” was organized. Antoni Lewkowicz (former President of International Permafrost Association) gave one brief introduction about Canadian Permafrost Association, and associations, including APECS, CGS and cYGECG, and PYRN, introduced each association in this special session. The discussion about the place of women in STEM was included as well.

More information can be found at: <http://iccre-cpc2019.com/>

## Advice from a Researcher

By Evan Wilcox

We are proud to publish our first “advice column”. [Dr. Kevin Turner](#) from Brock University in St. Catharines, Canada answered a variety of questions about the research, work, and lifestyle aspects of being an early-career researcher. Our goal is to gather the advice and experiences of early career researchers and share them with PYRN members to mentor their future careers. The column can be found on our website under “publications”, or follow the link to the pdf [here](#). Dr. Turner answered a wide variety of questions, so have a skim through and you’re likely to find some useful advice! Are there any questions you’d like to see answered in future columns, or researchers you’d like to hear from? Let us know by email, facebook, or twitter (links at the bottom of the newsletter).

## Call for reviewers of the second draft of Working Group I contribution to IPCC Sixth Assessment Report (AR6)

By Helena Bergstedt

The Association of Polar Early Career Scientists (APECS), the Mountain Research Initiative (MRI), the Past Global Changes Early Career Network (PAGES ECN), the Permafrost Young Research Network (PYRN) and the Young Earth System Scientists (YESS) community are coordinating a group review of the SOD of IPCC AR6 WGI report by early career experts.

We are now looking for reviewers to participate in this group review. Participants will be asked to review a minimum of 10 to 20 pages of the report (if you want to review the entire report, the IPCC offers opportunities to do so on its side). These are not anonymous reviews; experts reviewers will be recognized for their valuable contributions with their name, affiliation, and country of residence being published in the Annex of Reviewers of the WGI report, once it is published. Moreover, reviewers not only get recognized as early career experts, but also gain valuable training and insight on the scientific review process for reports addressed to policy makers.

More information can be found at: <https://www.apecs.is/news/apecs-news/3571-call-for-reviewers-of-the-second-draft-of-working-group-i-contribution-to-ipcc-sixth-assessment-report-ar6.html>

## **PYRN membership**

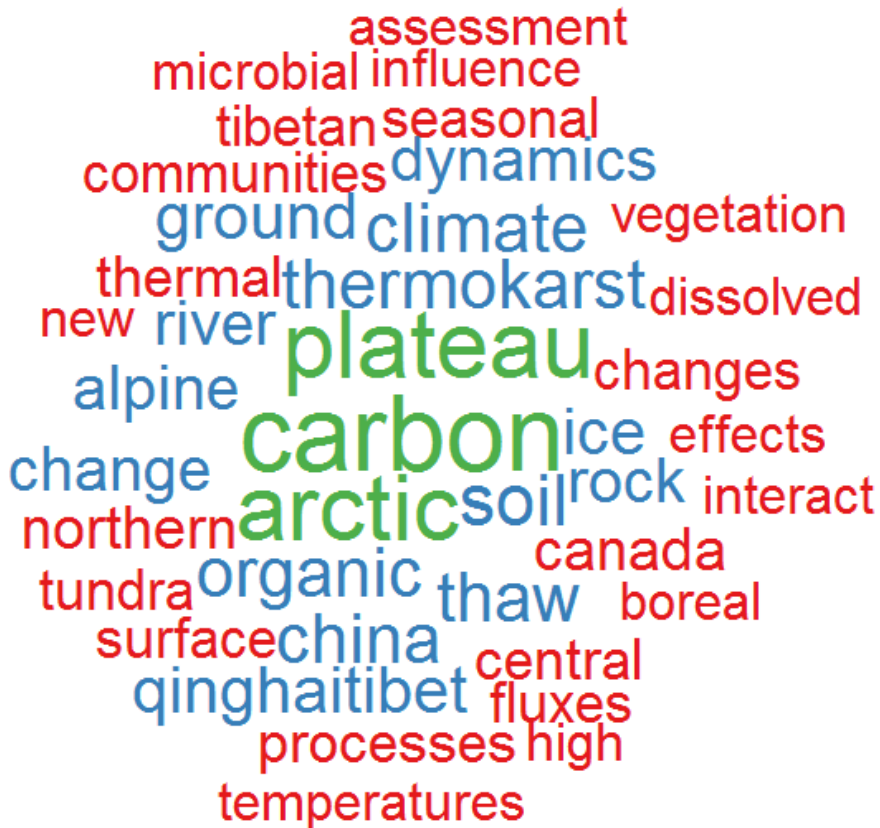
By Denis Frolov and Helena Bergstedt

We improved the functionality of our website and members are now able to login and edit their profile. Did your affiliation or research area change since you signed up for PYRN? Please have a look if your information is up to date and edit it if necessary. To access your profile, please visit: <https://pyrn.arcticportal.org/join-us/intranet>

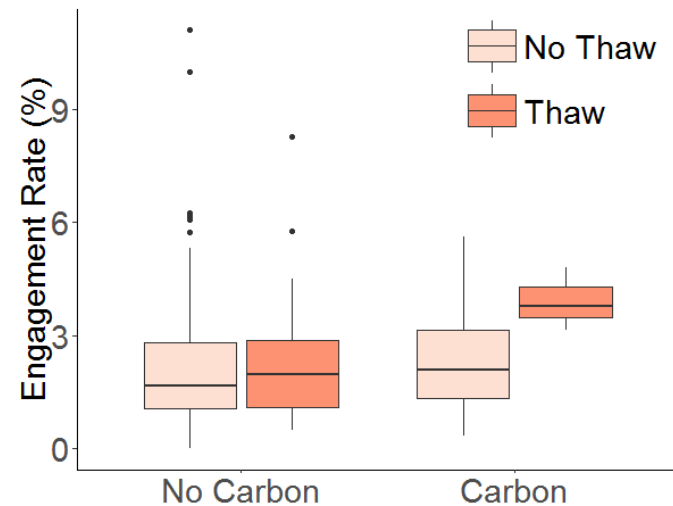
Please also check the national PYRN branches at <https://pyrn.arcticportal.org/national-representatives/national-pyrn-branches>. It has recently been added and is going through modification process, but some data is already there!

## **PYRN Tweets in 2019**

By Evan Wilcox



The word cloud for all our tweets from June - October of this year shares some common patterns with the word cloud for our last newsletter, from tweets from January - May. While “carbon” and “arctic” remain prominent, tweets which contain either of these words do not warrant a larger amount of attention on twitter, based on the total number of engagements and engagement percentage. However, tweets containing both the words “thaw” and “carbon” together garnered a higher engagement rate than tweets only containing “carbon” or “thaw”



separately, or those without “carbon” or “thaw” (see boxplot).

## Greta Thunberg speech at UN

By Dmitry Nekrasov

On 23 September 2019, Thunberg addressed the assembled world leaders at the 2019 UN Climate Action Summit held in New York City. Accusing world leaders of stealing her dreams and her childhood by their inaction on climate change, she opened her speech to the General Assembly with an impassioned introduction, which was widely covered by the media.

"This is all wrong. I shouldn't be standing here. I should be back in school on the other side of the ocean. Yet you all come to me for hope? How dare you! You have stolen my dreams and my childhood with your empty words. And yet I'm one of the lucky ones. People are suffering.

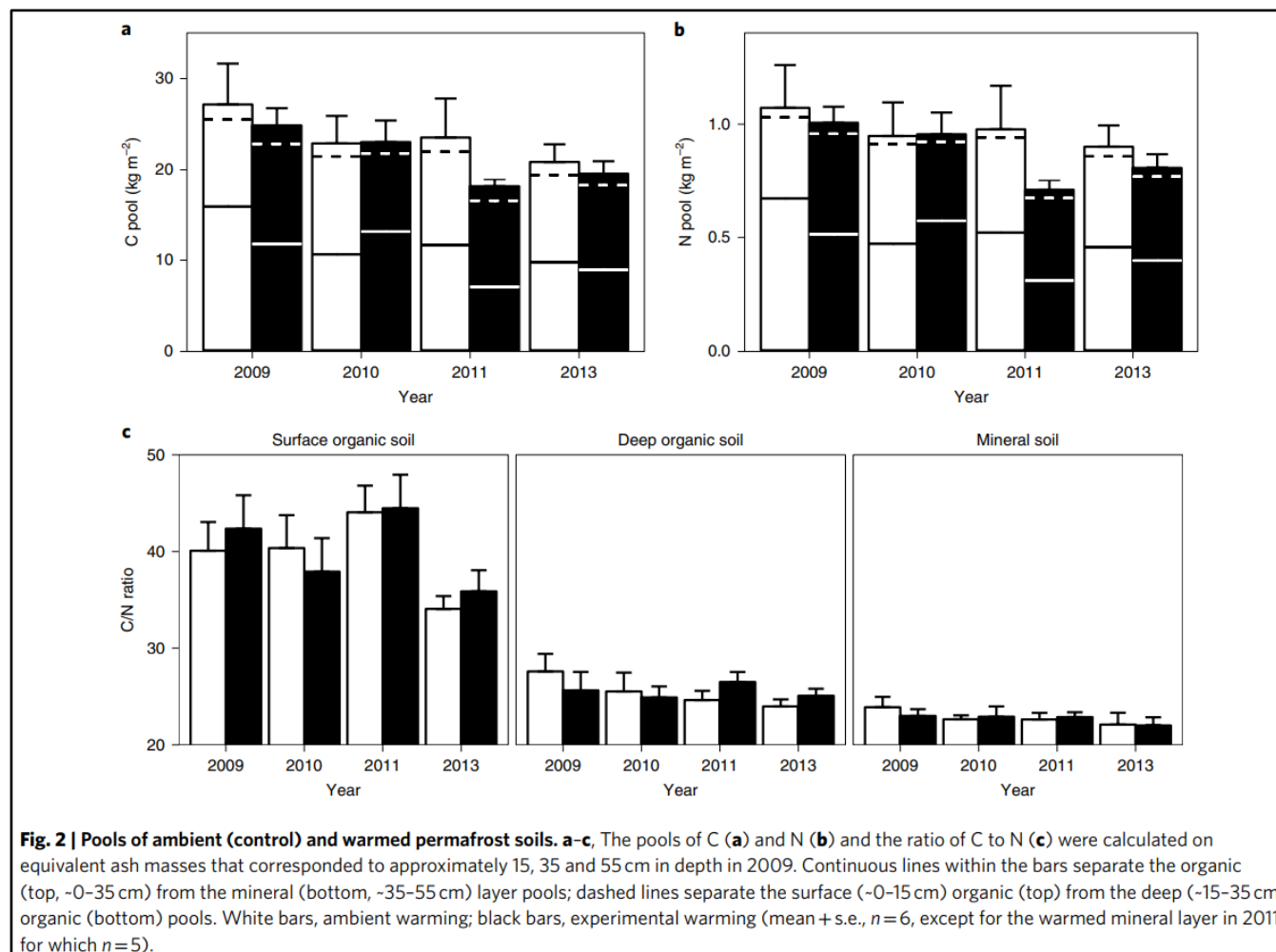
People are dying. Entire ecosystems are collapsing. We are in the beginning of a mass extinction. And all you can talk about is money and fairytales of eternal economic growth. How dare you!" "You are failing us." Thunberg stated. "But the young people are starting to understand your betrayal. The eyes of all future generations are upon you. And if you choose to fail us, I say: We will never forgive you".

See the full video on Youtube: <https://www.youtube.com/watch?v=KAJsdgTPJpU>

## Most Viewed Paper of Summer 2019

By Evan Wilcox

The most viewed paper from our #APermafrostPaperADay series since the last newsletter was “[Direct observation of permafrost degradation and rapid soil carbon loss in tundra](#)” by Plaza et al. in Nature Geoscience. The authors found 5.4% of carbon was lost per year from an experimentally warmed permafrost site in Alaska. The authors also highlight the large hydrological transport of carbon they observed. The article reached 1141 people, and was shared by 14 people. Overall, we’ve observed that carbon-related papers seem to attract the most attention on our Facebook account, even though they don’t on twitter. Are there any permafrost-related topics which you’d like to see more papers about? Do you have a new publication you’d like us to share? Tweet us [@PYRN official!](#)



### **MSc and PhD Positions with new PermafrostNet project**

A new permafrost research program in Canada, PermafrostNet, has fourteen MSc and PhD positions available at multiple universities across Canada. Positions are currently open to start as soon as possible. More information on each MSc and PhD position can be found [here](#).

### **Post-doc for high-latitude carbon cycle modeling**

A two-year full time post doctoral position in high-latitude carbon cycle modeling is open at The Max-Planck-Institute for Biogeochemistry (MPI-BGC) in Jena, Germany. The successful candidate will join an interdisciplinary research group at MPI-BGC that is conducting experimental, observational and modeling studies focusing on the Arctic carbon cycle under global climate change. The main focus of the announced position will be placed on investigating the current and future limitations by micro-nutrients on Arctic carbon cycle processes using the terrestrial ecosystem model JSBACH. See information on how to apply [here](#).

### **Cryosphere Working Group Secretariat at the International Arctic Science Committee**

The International Arctic Science Committee ([IASC](#)) is now soliciting applications to be the next [Cryosphere Working Group Secretary](#). An application consists of a CV and a short statement of interest, combined in one PDF, sent to IASC Executive Secretary Allen Pope ([allen.pope@iasc.info](mailto:allen.pope@iasc.info)) by 20 December 2019.

### **Post-doc for Arctic Watershed Hydrology and Biogeochemistry**

The postdoctoral position at Michigan State University is part of a collaborative project that will investigate the fate of thawed permafrost carbon and nutrients across a large range of Alaskan Arctic watersheds. The project applies a combination of novel and conventional approaches to quantify nutrient dynamics across scales and biomes. Info on how to apply [here](#).

### **Permafrost Coasts Network**

We encourage you to join the new [Permafrost Coastal Systems Network \(PerCS-Net\)](#), which will fill fundamental knowledge gaps associated with transforming permafrost coasts in the Arctic by linking over ten existing national and international networks.

### **ACUNS Scholarships**

ACUNS Scholarships available for Canada-based members. Applications close on January 31 for all scholarships. A variety of scholarships are available ranging from \$10 000 to \$50 000 CAD, all of which are aimed at those doing research in northern regions. More information on how to apply can be found [here](#).



### ArcticNet

December 2 - 5, 2019. Halifax, Canada. [arcticnetmeetings.ca/asm2019/](http://arcticnetmeetings.ca/asm2019/)

*Come join us at ArcticNet's annual scientific meeting in Halifax! With the help of APECS-Canada, PYRN will be co-hosting a social night on Monday December 2 at the Rockbottom Brew Pub from 8pm onward. It will be a good opportunity to have dinner and mingle with new acquaintances. There will be prizes and drinks offered by PYRN and APECS-Canada. We look forward to meeting you!*

### SouthCOP

December 4 - 14, Queenstown, New Zealand. [southcop19.com](http://southcop19.com)

### AGU

December 9 - 13, 2019, San Francisco, USA. [agu.org/fall-meeting](http://agu.org/fall-meeting)

*Come join PYRN and USPA at the social event on Tuesday, December 10!*

*Location and Time: Tuesday, December 10, 7:30 - 10:30 pm*

*ThirstyBear Brewing Company and Spanish Tapas Restaurant*

*661 Howard St.*

*San Francisco, CA 94105*

*Permafrost Carbon Network (PCN) Meeting @ AGU: December 8, 2019, 9:00 - 17:00, Room TBD.*

*You find more information here: [permafrostcarbon.org/upcoming%20meetings.html](http://permafrostcarbon.org/upcoming%20meetings.html)*

### EGU

May 3 - 8, 2020, Vienna, Austria. [Abstract deadline](#) January 15, 2020

*We would like to draw your attention to the session of our colleagues: Permafrost Retrogressive Thaw Slumps – Hotspots of Rapid Permafrost Thaw*

*<https://meetingorganizer.copernicus.org/EGU2020/session/34953>*

*If you want to apply for travel support, the abstract submission deadline is 1 December 2019*

*([https://egu2020.eu/about\\_and\\_support/roland\\_schlich\\_travel\\_support.html](https://egu2020.eu/about_and_support/roland_schlich_travel_support.html)).*

## ICOP

June 22-26, 2020, Lanzhou, China. <http://icop2020.csp.escience.cn> Abstract submission open until January 15, 2020

Until December 31, 2019, application for free registration for young researchers is possible (see homepage of ICOP2020)!

## PYRN Meetings



### Upcoming PYRN Russia meeting #45

By Dmitry Nekrasov

The traditional autumn meeting will happen on 21st of November PYRN Russia meeting #45 and it will take place at IG RAS in Moscow. PYRs will hold some small talks about their summer field season, the challenges they had to face, the places they visited, the people they met. The meeting will be informal, PYR's will give their talks in front of their friends and colleagues. Although, such meetings are a good place to practice presentation skills, receive advice from the elder colleagues. Instagram live will be organized via [@pyrn\\_official](#) account to spread the word across the ones, who will not be able to visit the meeting. For more information follow the links below.

The official PYRN Russia group is based on Russian social network VK: [https://vk.com/pyrn\\_russia](https://vk.com/pyrn_russia)

The direct link to the PYRN Russia meeting group: [https://vk.com/pyrn\\_45](https://vk.com/pyrn_45)

### Stay up to date with PYRN social media

By Dmitry Nekrasov, Evan Wilcox and Matthias Winkel

Just a reminder that **PYRN** is active in a variety of social media channels! Follow us now!

**We use platforms like Twitter, Facebook, and Instagram** to communicate news about PYRN, articles, information on events and photos.



*Be part of the PYRN social media community and reach out to hundreds of permafrost enthusiasts! Use the tag **@pyrn\_official** and hashtag **#pyrn** on Twitter, Facebook and Instagram on to share your updates or pictures via the **'PYRN'** account.*

This Newsletter was prepared by PYRN ExCom 2018-2020 team

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