

Dear 2018 Bretzl,

It's the 9th Annual Bretz Club (Bretzit) and we are heading Camp Kiwanilong, just south of Astoria in Warrenton, OR (<http://www.campkiwanilong.org/index.html>). **The conference program is all-day Friday, April 20, and the field trip is Saturday, April 21st. Please plan to arrive Thursday evening April 19th.** 99% of your questions will be answered by a careful read of this document. Please read before emailing me with questions.

Bretz Club website: <http://wpg.forestry.oregonstate.edu/2018-bretz-club-conference-and-field-trip>

Check-in and accommodation

- **Lodging is included for Thursday and Friday nights.**
- **Bring your own sleeping pad or twin air mattress, linens or sleeping bag, and towels.** Bunks will be assigned on a first-come first-served basis. Please email me directly if you have concerns about the arrangements or need special accommodation.
- Directions to Camp Kiwanilong are at the end of this letter. Google maps works too. **(Camp Kiwanilong Rd, Warrenton, OR 97146: <http://www.campkiwanilong.org/index.html>).**
- Plan to arrive at Camp Kiwanilong between 5pm and 10pm on Thursday. When you do, head to the Lodge to select your room. If you arrive late, visit the Lodge and follow the instructions left for you (with your name on them) to find your room. We will have an informal meet & greet in the Lodge Thursday night.
- We have exclusive use of Camp Kiwanilong for our group. The main gathering/eating will occur in the Lodge. The scientific program will be held in the Nature/Craft Barn.
- Bathrooms are located in the "Castle" bathhouse, and in the main Lodge.
- Lodging will be in small primitive cabins clustered throughout the camp. Every cabin has multiple sets of plywood bunk beds, sleeping 4-16 people. **Most cabins do not have electricity.**
- The grounds offer some nice spots to pitch tents, and you may set up wherever you can find a flat spot. There are also a limited number of electrical (only) hookups for trailer camping.
- If you're arriving on Friday morning, we will be in the Lodge for breakfast beginning at 7:30am, then in the Nature Barn after 8:30am.
- There is ample parking along the gravel entrance to the Camp.

Food & Beverages

- Those who pre-paid for dinner Thursday night will be served in the Lodge from 6:30 to 7:30pm.
- If you did not pre-pay for dinner, please **plan to eat before arriving at Camp Kiwanilong.** There are also nearby restaurants/supermarkets.
- Five meals are included with Friday breakfast, lunch, dinner, and Saturday breakfast are in the Lodge. On Saturday, you'll make sack lunches for the fieldtrip. Annie's Catering is back with us again this year, so the food will be fabulous and there will be vegan, vegetarian, dairy-free and gluten-free options for those who indicated a dietary restriction.
- Hot beverages, including coffee and tea will be available continuously in the Lodge. **Please bring a reusable mug for coffee/tea.** There is not a full complement of coffee mugs at this kid's camp.
- We'll provide some basic snacks and non-alcoholic beverages for Thursday night's informal meet & greet, and Friday night's festivities. **Please bring your preferred alcoholic or non-alcoholic beverage.**

Connectivity

- **There is unreliable cell phone coverage at Camp Kiwanilong.** Reportedly, Verizon has the best reception. For Bretz related questions, late arrivals, etc. contact me at sarah.lewis@oregonstate.edu and 541-602-0181 (txt/cell). For an emergency contact number to leave with family/friends, use the main office number 503-861-2933 or the facilities manager Amy Koch's cell phone 503-147-5975.
- **There is wifi in the Lodge,** but not in the cabins. Password will be provided on-site.

Field Trip (Saturday)

- We'll depart from Camp Kiwanilong for the field trip at 9:30am on Saturday morning.
- We must do some basic cabin and bathhouse cleaning before we leave on the field trip. Please make this easier by cleaning up any messes you encounter throughout the conference.
- We may leave vehicles at the camp and encourage carpooling on the field trip.
- A pdf of the field trip guide will be made available on the Bretz Club website. **You are responsible for printing out a paper copy of the field guide if you want one.** Email me by Wednesday 5pm if you cannot print a copy and need me to bring you one.
- Check the weather and plan accordingly <https://www.wunderground.com/weather/us/or/warrenton>. The weather forecast for Thursday night and Friday is a high of 53F, low of 43F and cloudy, with 50% chance of rain Friday night and 20% chance of rain and 51F for Saturday's trip. Please be prepared with warm layers, rain gear and appropriate footwear for walking to our field stops.

Other Notes

- Name tags, chocolate and bunks (*some* of the cabins have electricity) will be handed out when you arrive.
- Bring a **flashlight** to navigate to your cabin in the dark. Consider a battery or **solar-powered lantern** to share with your cabin. If you anticipate needing to charge anything, consider bringing a **power strip** to maximize outlet usage.
- The price of "**Bretz**" **water bottles** has been decreased this year to a bargain of **\$5**.
- **Posters:** Please bring your poster to the Nature Barn with you Friday morning. We'll have volunteers to hang them up in time for the afternoon poster session; you can take it down yourself when the session is over.
- **Popups:** Upload your pop-up to the laptop in the Nature Barn during any break and before 2pm. There will be a student volunteer to help you.
- **Raffle:** Tickets are available (5 for \$5!) and the money goes towards the Bretz Club Sustainability Fund. **Prizes include whatever is donated, no promises. Donate a good one!!**
- **Students:** Each of you have been assigned a volunteer position. Check here for your job list: <https://docs.google.com/spreadsheets/d/1WcEYJ06D6gpQSe9kPWZKSNAe4tqKoMQMk8rsIto35T4/edit#gid=794103773>
- Carpool: Drivers: please consider adding your travel plans to the shared google sheet. We have attendees in need of transport. https://docs.google.com/spreadsheets/d/1em-o57ZMxRBU3jH_cbncGI3_lo17HpCN339X6bk0qgY/edit?usp=sharing
- **Please check the attached participant list:** You are encouraged to carpool with your neighbors. If you are not listed correctly, please contact OSU conference services ASAP at 1-800- 678-6311 or email conferences@oregonstate.edu to correct your reservation.
- **We are asked to leave the Camp cleaner than we found it.** We will spend 45 minutes on Saturday sweeping, cleaning, dumping trash cans and gathering recycling before we leave on the field trip.

If you have **any questions not covered here**, please email sarah.lewis@oregonstate.edu or call/text (541) 602-0181.

Bretz Club 2018

Coast by Northwest: Rivers, Shorelines & Tsunamis

9th Annual Bretz Club Schedule, April 19-21, 2018

Thursday, April 19, 2018:

Organizers and Most Participants arrive 5pm-10pm. Check in, Meet & Greet at the Lodge.

Friday, April 20, 2018: Scientific Program, Camp Kiwanilong, Warrenton, Oregon

All talks, popups and posters are in the Nature Barn; meals and evening gatherings the in the Lodge.

- 7:30am Breakfast / Check-in for Friday Arrivals (*Lodge*)
- 8:30am Introductions and orientation to Bretz Club & Camp Kiwanilong (*Nature Barn*)
- 9am Key note #1: **Catalina Segura** (Oregon State University)
Lithology, sediment transport and stream primary production
- 10:30am Coffee Break (*Hot beverages available, bring your own travel mugs!*)
- 11am Key note #2: **Pat McDowell** (University of Oregon)
Plants as geomorphological engineers in river channels
- 12:30pm Lunch
- 2pm Pop-ups (3-minutes each) on whatever comes to mind (*those who preregister have priority*)
- 3:45pm Coffee break
- 4pm Poster Session
- 6pm Dinner
- 7:00pm Key note #3: **Pat Corcoran** (Oregon Sea Grant / OSU Extension)
Tsunami Preparedness in the PNW
- 8:30 pm Evening Extravaganza: Raffle, music and merriment (*Lodge*)

Ideas without precedent are generally looked upon with disfavor and men are shocked if their conceptions of an orderly world are challenged - J. Harlen Bretz, 1928

Bretz Club 2018

Saturday, April 21, 2018: Where the River Meets the Sea: Geomorphology and Hydrodynamics at the Confluence of the Columbia River and the Pacific Ocean

Jonathan Allen, Frank Reckendorf, George Kaminsky

7:30am Breakfast & **make your own bag lunch**

8:30am Pack up your cabin, assemble at the Lodge; Everyone will be pitch in to leave the Camp cleaner than we found it.

9:30am Field trip departs Camp Kiwanilong (*for details see field guide*) [2018 Field Trip Guide](#). We may leave vehicles at the Camp if desired.

10:00 – 11:30 am Stop 1

Beach Parking Lot at end of Jetty Rd, Ft Stevens State Park

11:30 am – 12:30 pm Stops 2 & 3

South Jetty Overlook; Wreck of the Peter Iredale

12:30 pm – 1:00 pm Stop 4

Warrenton Deep Borehole

1:00 – 2:15 pm Stops 5 & 6

Dune Sites at Camp Rilea

2:30 – 3:00 pm Stop 7

Seaside Beach

The field trip will conclude at ~3 pm. Early departure is possible and easy at any time.

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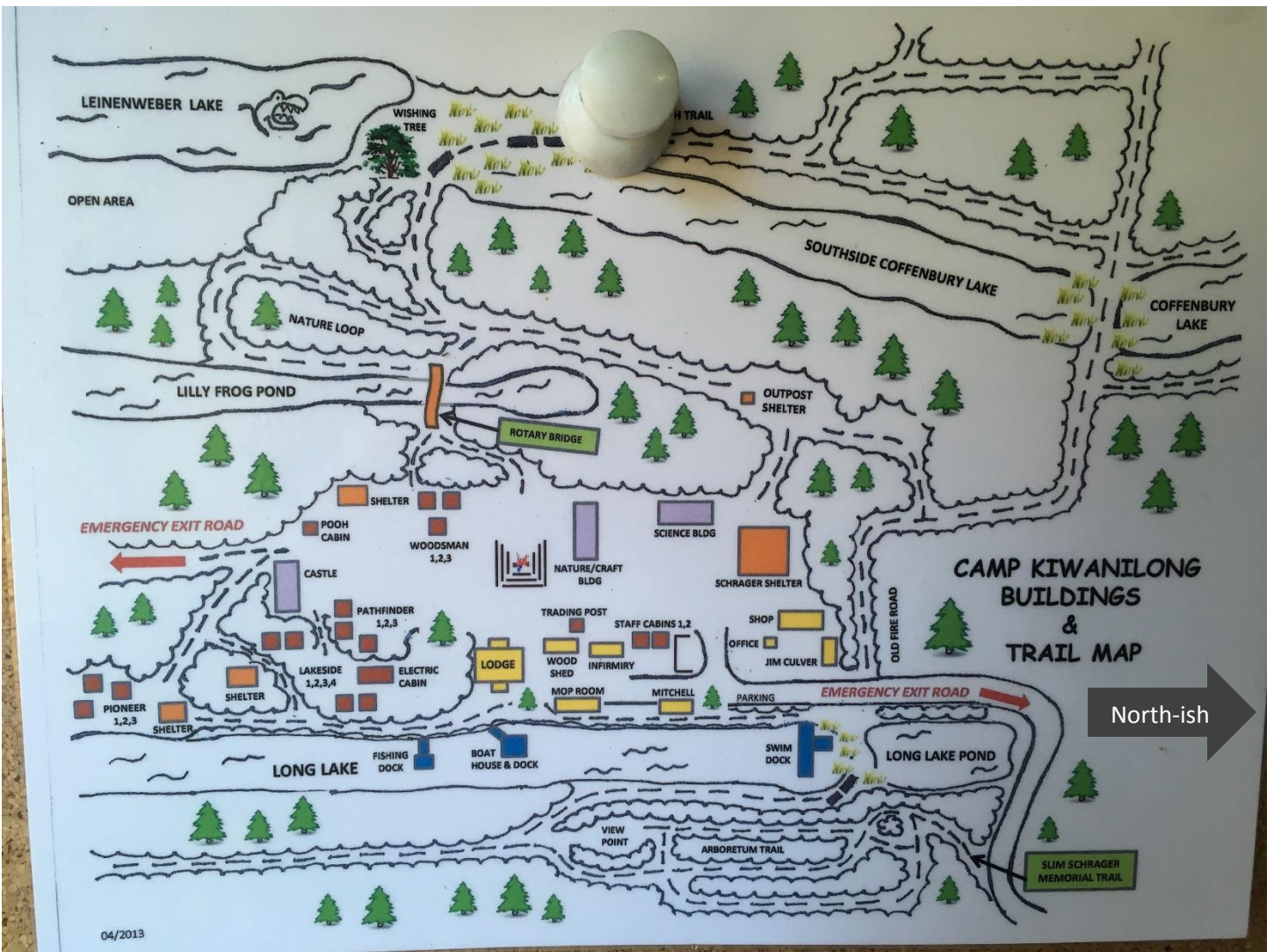
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https://docs.google.com/spreadsheets/d/1em-o57ZMxRBU3jH_cbnCGI3_Io17HpCN339X6bk0qgY/edit#gid=0

Driving Directions:

- From US-101, take OR-104 to Ridge Rd.
- Turn west into the Warrenton Soccer Complex.
- Proceed through the gate on the left to Camp Kiwanilong

<https://goo.gl/maps/LpbojEvNUS>



Camp Kiwanilong Rd, Warrenton, OR 97146