



Implications of Climate Change on the Pacific Northwest

<https://sites.uw.edu/nanjingu/>

Workshop Dates: August 18-28 2019

What to Bring & What to Expect



SCHOOL OF ENVIRONMENTAL AND FOREST SCIENCES
UNIVERSITY of WASHINGTON
College of the Environment



What to Bring

Be very prepared for both cold and warm weather as we traverse from an urban environment to a rain forest and then to the side of a dormant volcano. One day it may be warm and sunny and the next cold and wet. Warm waterproof clothing and boots are a must. We will be outdoors and away from shelter for most of each day.

What to bring

Clothing

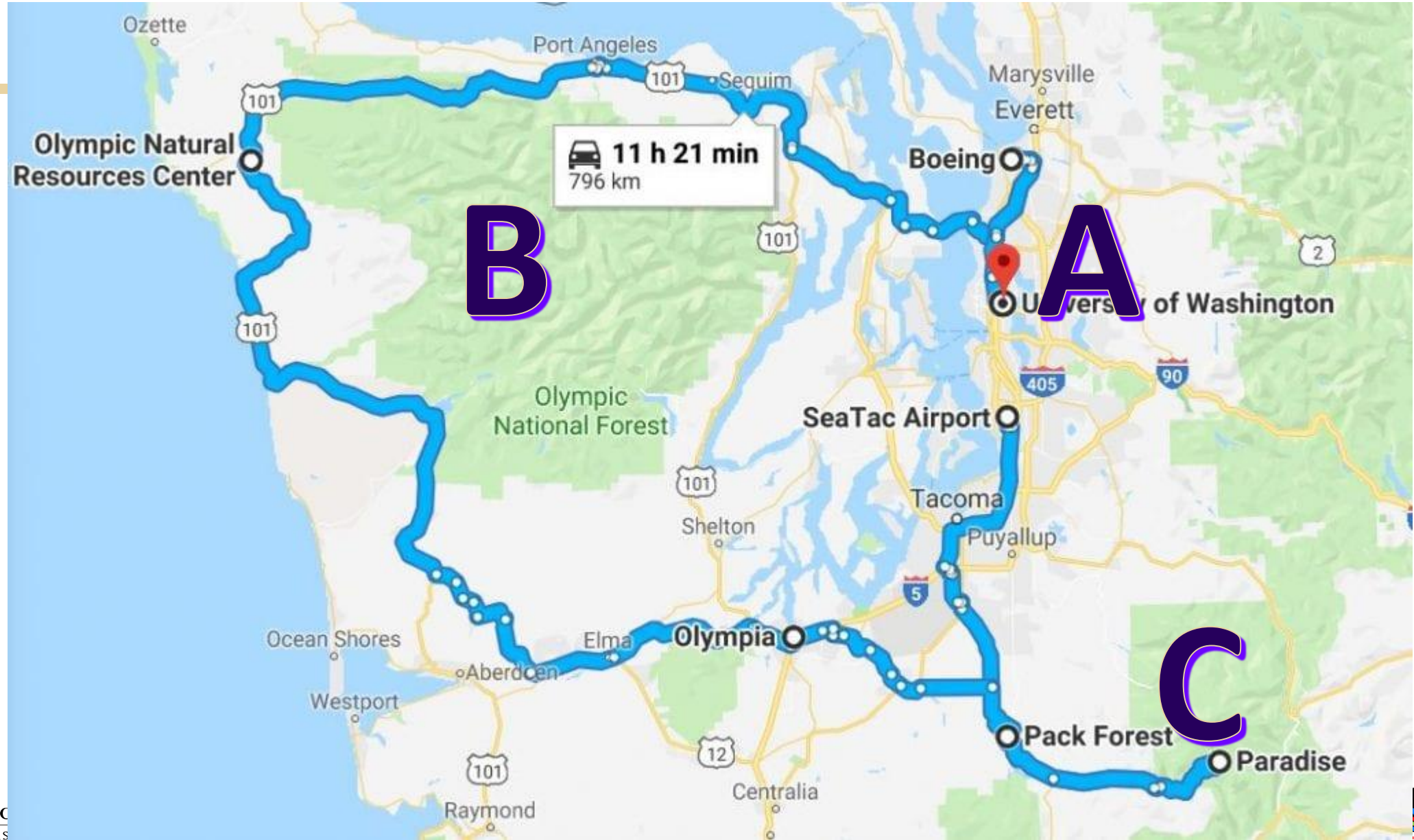
- Hiking Boots ← This one is very important. Boots that have good ankle support are a must.
- Warm clothes and multiple layers
 - Avoid having all your layers be cotton as cotton clothing takes a long time to dry and will make you cold.
- Gloves, warm hat, warm socks, extra socks
- Rain jacket (Rain pants and gaiters are optional)
- Sun Hat
- Also bring light clothing for when we are in an urban space. T-shirt, shorts, sneakers, etc...

What to bring










Helpful gear

- Small backpack (daypack)
- Refillable water bottle and snacks
- Personal note book for observations and journaling (water proof if possible)
- Sunglasses and Sunscreen
- Binoculars
- Camera (You need photos and video for daily blogging)
- BugSpray (optional)
- Compass (optional)
- GPS unit (optional)
- Motion Sickness medication (optional)










Weather Conditions












A. Seattle

Date	Hi/Lo	Precip	Snow	Forecast	Avg. HI / LO
MON 8/19	22°/12°	0 mm	0 CM	 Times of clouds and sun	25°/14°
TUE 8/20	23°/14°	2 mm	0 CM	 Partly sunny	25°/14°
WED 8/21	21°/12°	5 mm	0 CM	 Cloudy, occasional rain	24°/14°
THU 8/22	22°/14°	5 mm	0 CM	 A shower and t-storm around	24°/14°
FRI 8/23	23°/12°	6 mm	0 CM	 Couple of thunderstorms	24°/14°
SAT 8/24	22°/12°	0 mm	0 CM	 Mostly cloudy	24°/14°
SUN 8/25	23°/12°	0 mm	0 CM	 Mostly sunny	24°/14°
MON 8/26	26°/15°	0 mm	0 CM	 Abundant sunshine	24°/14°
TUE 8/27	22°/13°	6 mm	0 CM	 Cloudy, afternoon rain	24°/14°

B. Olympic Peninsula

Date	Hi/Lo	Precip	Snow	Forecast	Avg. HI / LO
MON 8/19	19°/12°	0 mm	0 CM	 Mostly sunny	19°/11°
TUE 8/20	20°/12°	8 mm	0 CM	 Sun and some clouds	19°/11°
WED 8/21	18°/10°	8 mm	0 CM	 Occasional rain	19°/11°
THU 8/22	19°/13°	5 mm	0 CM	 A shower and t-storm around	19°/10°
FRI 8/23	20°/11°	1 mm	0 CM	 An a.m. t-storm; partly sunny	19°/10°
SAT 8/24	19°/10°	0 mm	0 CM	 Times of clouds and sun	19°/10°
SUN 8/25	20°/10°	0 mm	0 CM	 Mostly sunny	19°/10°
MON 8/26	21°/12°	6 mm	0 CM	 Mostly sunny	19°/10°
TUE 8/27	18°/10°	10 mm	0 CM	 Rain	19°/10°

C. Mt. Rainier

Date	Hi/Lo	Precip	Snow	Forecast	Avg. HI / LO
MON 8/19	15°/4°	0 mm	0 CM	 Times of clouds and sun	26°/12°
TUE 8/20	16°/6°	1 mm	0 CM	 Partly sunny	26°/11°
WED 8/21	14°/5°	8 mm	0 CM	 Afternoon rain	26°/11°
THU 8/22	15°/6°	4 mm	0 CM	 Couple of thunderstorms	26°/11°
FRI 8/23	16°/4°	3 mm	0 CM	 A shower and t-storm around	26°/11°
SAT 8/24	15°/5°	0 mm	0 CM	 Mostly cloudy	26°/11°
SUN 8/25	16°/4°	0 mm	0 CM	 Mostly sunny	26°/11°
MON 8/26	19°/8°	0 mm	0 CM	 Abundant sunshine	26°/11°
TUE 8/27	16°/6°	7 mm	0 CM	 Occasional afternoon rain	25°/11°

Special Considerations

> Cold and Muddy

- Getting up into the mountains, it may be dramatically colder than at lower elevations. When we start the day at a lower elevation it may be warm and sunny but when we get to higher elevations, it can be cold.

> Hot and Dry

- Seattle in the summer can be hot and dry so be prepared for hot urban days.

> DRINK WATER

- When out in the field make sure you have a water bottle and are staying hydrated. This is especially important at the higher elevations

> Smokey

- We may have wildfires in the area. We won't be driving to any areas that are burning, but the smoke can travel hundreds of miles. We may have some smokey days. If you have asthma or other respiratory concerns please let us know.

What You Might See

In our travels bring us up close to a large variety of birds, mammals and plants. We will be providing you check lists to track the different flora and fauna that you have spotted. When spotting an especially interesting species, make sure to note the location, time of day, and anything else that you notice about the site. Journaling about these sightings will be an important component of the class. Highlights are American crows, common ravens, gray jays, and old growth Douglas fir and western hemlock trees, but you will also likely get a look at bald eagles, elk, and if we're lucky, a black bear.

Meals

Meals will be provided during the class with a few opportunities for store visits for you to get any additional snacks you might like. If you have any dietary restrictions (e.g. Gluten Free, Vegan, etc.) please e-mail Megan at moshea@uw.edu