

Soil chemistry

① Conductivity : relates to how much electricity can pass through something

→ Set up conductivity sensors

→ measure conductivity of water

Water doesn't conduct electricity

Water + salts DOES

Salts:

- something \ominus charged and \oplus charged ← SALT

- most plant nutrients come in the form of salts (these dissolve in water)
- We can use soil conductivity to estimate how many of these salts are in the soil

- Too few salts = bad for plants
- Too many salts = bad for plants

At our arboretum site, is the conductivity indicative of healthy soil?

On wed: we'll measure conductivity of our site.