

School of Environmental Sciences Safety Orientation Seminar

Oct 13, 2016
1:00 – 2:00 pm

Rm. 265, Alexander Hall

- Introduction to the School of Environmental Sciences
- Due diligence and the importance of safety.
- Ultimate goal is to protect you in a safe working environment
- Safety and Security

Emergency Procedures and Workplace Hazards

- accidents and medical attention – report all injuries within 24 hours to: Greg Callow.
- fire
- floods, loss of power, alarms etc.
- personal safety- working alone, emergency phones, locking doors etc.
- resource people - who to talk to for help.
- OSHA - responsibility of supervisor for students and employees

Laboratory Safety and Protocol

- laboratory equipment.; training, borrowing, maintaining, cleaning, log books, breakage, no food or drinks, transporting chemicals, no grinding soils in laboratories, careful transporting balances, etc...

Chemical, Biological and Physical Safety

- W.H.M.I.S, M.S.D.S,
- protective equipment; lab. coats, gloves, eye-wear, gas and particle masks, proper use of fumehoods, contact lenses around volatile chemicals, face shields, ear protection, closed toe shoes.
- hazards, eye wash stations, showers, spills, storage, waste disposal and forms.
- gases - proper handling
- safe handling and transport of chemicals: acids, bases and solvents

Field Safety and Awareness

- plan ahead
- research stations and private farms
- first aid kit, work boots, gloves, sun-screen, water, hard hats, rain gear etc..
- specialized training for any equipment
- working with a buddy
- lifting
- driving vehicles – valid driver’s license, UoG employee, check vehicle fluids, tires, special winter precautions include checking window washer fluid, wiper blades, clearing snow and ice, shovel, emergency kit etc.
- field sample storage - labeled milk crates - freezer, refrigerator.
- drying ovens
- cell phones
- if working in remote areas – itinerary and daily check in.