

EarthWorks

A series of lectures, films and workshops called EarthWorks is being hosted by Capilano University this spring. Events are free and open to students, staff and members of the public. Additional events may be added throughout the term. Check online for further information at <http://www.capilanou.ca/EarthWorks/>

EARTHWORKS – Waste, Water and Wetlands SCHEDULE OF EVENTS – SPRING 2015

January 14 – *Do the Math*
7:00pm in BOSA Film Centre

Film – *Do the Math* chronicles America's leading environmentalist Bill McKibben in a David-vs-Goliath battle to fight the fossil fuel industry and change the terrifying math of the climate crisis. The film features a veritable who's who of the climate movement.

January 15 – ChatLive – Fossil Fuel Facts
11:30am to 12:30pm in LB188

Discussion – Chat on the film *Do The Math* (being screened on January 14). Chat facilitated by Jeanne Mikita (Geography) with CapU Student Activists. Discussion on the growing movement fighting to end our reliance on fossil fuels. Come explore climate activism, pipeline protests and fossil fuel divestment and find out why CapU students got arrested on Burnaby Mountain.

January 22 – Canaries of the Sea: What are Killer Whales telling us?
7:00pm in BlueShore Theatre

Speaker – Dr. Peter Ross from the Vancouver Aquarium Marine Science Centre. BC is globally renowned for its populations of killer whales. It is also home to some of the most contaminated marine mammals in the world. Dr. Ross will provide insight into the source, transport, fate and effects of pollutants in coastal BC all in the context of habitat needs for marine life and those who depend on it.

January 31 – Garden Workshop – Supporting Nature
10:00am to 1:00pm in CapU Community Garden

Event – Join the UNIBUG team to learn about beneficial insects in your garden. The workshop includes a short lecture presentation which will enlighten participants about types of insects that control garden pests, animals which are pollinators and how to attract these pollinators to your growing spaces. A highlight will be the building of a bee house! Bring a 2L pop bottle or milk carton ... other materials will be provided.

February 3 – Taking Out the Trash - Waste Audit
8:30am to 3:00pm behind the Sportsplex

Event – CapU students sorting through one day's generation of waste on campus

February 19 – Invasive Species Pull
Meet in the Cedar courtyard at 10:00am
(you set your time commitment)

Event – Help enhance the biological health of our campus' natural landscapes by removing invasive species. Bring your own gloves and tools (be ready for all terrain and weather conditions).

February 25 – Tracking Ocean Acidification from the Open Ocean to Coastal Seas
7:00pm in BlueShore Theatre

Speaker – Dr. Wiley Evans from University of Alaska Fairbanks' Ocean Acidification Research Centre and the National Oceanic and Atmospheric Pacific Marine Environmental Laboratory. Ocean acidification is a very real consequence of human-induced carbon dioxide emission into the atmosphere. Scientists have been studying the waters from California to Alaska, tracking the changes in acidification levels in an effort to understand the changes and consequences of our ocean's new chemistry.

February 26 – ChatLive – Protect Me!
11:30am to 12:30pm in LB188

Discussion – Protect me from what I want! Discussion around the problems of consumerism. Chat facilitated by Rita Isola (Sociology)

March 12 – Preview of film *Fractured Land*
11:30am to 1:00pm in Bosa Centre

Film – Join filmmakers Damien Gillis and Fiona Raheer for a rough cut preview of their forthcoming documentary *Fractured Land*. A unique opportunity to see the film which follows young First Nations lawyer Caleb Behn as he confronts the fracking industry in northwest BC, and provide your feedback as the documentary nears completion.

March 19 – At What Cost?
11:30am to 1:00pm in Bosa Centre

Panel Discussion on What Does B.C.'s Energy Future Look Like? Exploring the impact of fracking in northeastern B.C., panelists will answer questions arising from the preview of *Fractured Land*, which examines the impact of oil and gas development on the Dene Nation and communities in the Peace River region. Filmmakers Damien Gillis and Fiona Rayher are joined by energy economist Eric Andersen and lawyer Maegen Giltrow.

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SCHEDULE OF EVENTS – SPRING 2015

March 24 – The Sea Otter Story
7:00pm in BlueShore Theatre

Speaker – Dr. Jane Watson from Vancouver Island University. Sea otters are a keystone species and as such they influence the coverage and biodiversity of one of our most important coastal ecosystems – kelp forests. They were hunted to extinction in BC until protected in 1911. From 1969 to 1972, 89 Alaskan Sea otters were reintroduced into waters of coastal BC and today they number over 5,000. This success has resulted in dramatic changes to the coastal ecosystem.

March 26 – ChatLive – Rewilding
11:30am to 12:30pm in LB188

Discussion – Should we Reverse Domesticated Landscapes? Chat facilitated by Cheryl Schreder (Geography/Biology)

April 2 – ChatLive – GMOs
11:30am to 12:30pm in LB188

Discussion – What's the Problem? Chat facilitated by Paul McMillian (Biology)

April 2 – Wasted Coastlines
7:00pm in BR321

Speaker Series – What Can We Do About Our Oceans' Epidemic? Various guest speakers will discuss awareness and change with respect to coastal garbage and waste accumulation. This will be a great opportunity to seek information towards change.

April 4 – International Bear Day

Event –

- 12:00 to 4:00pm – Family Fun Day in Cedar Building and Library Courtyard
- 6:30 to 9:30pm – Bear Conservation Presentations in BlueShore Theatre

- Family Fun Day program – bring the family for displays, face painting, storytelling, photography art, bear safety workshop and more.
- Bear Conservation Presentations – view presentations in the theatre