



5th annual applied biology conference
Water, Wind and Wildlife

May 5th – 8th, 2010

Coast Capri Hotel, 1170 Harvey Avenue
Kelowna, BC

PRE & POST CONFERENCE SESSIONS*

May 5th Fundamentals of Management Consulting: Professional biology is founded on the ability of those with specialized knowledge being able to communicate their opinions to managers and decision-makers. This half day course will help you improve how you give and receive consulting advice. Learn the fundamentals of management consulting; how to help clients assess their current situation, develop strategies for business improvement and address change. The course will review the consulting process and the deliverables associated with that process.
Instructor: Canadian Association of Management Consultants. Choose either AM or PM. Lunch is not included. **4 CPD Credits**

May 5th: BC Grasslands Conservation Council Range Monitoring Course: **Course Cancelled** - Maintaining healthy, reliable grass from year to year while dealing with fluctuating climatic conditions and shifting operational needs can be challenging. Whether grasslands are on Crown or private lands, monitoring is a useful way to measure change. This all day course (2 hours classroom; remainder in the field) will provide a systematic approach for recording changes that are currently occurring on the land, and the changes that can be expected based on continued management practices. Includes box lunch and field session (bring appropriate outdoor wear). Instructors: Ken MacKenzie & Wendy Gardner. Course may be limited to 25 participants. **8 CPD Credits**

May 5th: APB Ethics Course: This half day course is structured to meet the College of Applied Biology's requirement that new members complete an ethics seminar within three years of registration and the College's recommendation that every RPBio include ethics-related CPD hours in his/her professional development at least once in every three year period.
Instructors: Megan Hanacek & Eric White. Offered AM or PM; Lunch is not included. **4 CPD Credits**

May 5th: Kelowna Habitats Field Tour. This informal half day tour will visit habitat mitigation projects and sites of ecological interest in the Kelowna area. Sites include the WRB Floating Bridge lakeside wetland compensation and mitigation project, a previously-enclosed but newly-exposed (day-lighted) stream restoration project, a barley conversion plant and, time-allowing, a community streamside trail system with interesting methods of instream restoration. Leaders: Darryl Arsenault and Paul Christie. Offered PM Only; Lunch is not included. **4 CPD Credits**

May 8th Endocrine Disruptor Chemicals and Pollution Source Control Course: **Course Cancelled** Many organic chemicals found in everyday household products are discharged to air and water and persist in the fatty tissues of prey organisms in the ecosystem. This all day course will provide an overview of persistent organic pollutants that are endocrine disruptor chemicals. It will include a description of the sources, properties, and mechanism of action, exposure pathways and potential impacts for fish and humans. This course will also provide an overview of source control methods, including regulatory bans, stormwater management techniques, and other impact-reducing actions. Instructor: Dr. Frances Solomon. Lunch is included. **8 CPD points**

May 8th Ecological Restoration for Biologists: Natural processes have been "restoring" natural disturbances since the beginning of time. This all day workshop will explore how these natural processes can be applied to the restoration of human-disturbed sites. We will look at the processes of erosion and how natural systems solve erosion problems. We will also explore the natural processes that provide nutrients and nutrient cycling and how these can be re-established. In many cases the systems and processes that naturally reclaim disturbed sites can be established on anthropogenic disturbances easily and at a lower cost than using traditional reclamation techniques. Instructor: Dave Polster. Lunch is included. **8 CPD points**

May 8th Natural History and Wine-Tasting Tour of the South Okanagan: This full-day narrated bus tour with renowned naturalist and author Dick Cannings will explore natural history and land-use issues including geology; land developments; wildfire; deer and sheep winter range; rattlesnake management; wildlife movement corridors; antelope-brush ecosystems; wetlands; and more. You will visit Vaseux Lake bird sanctuary; the Okanagan River restoration project; enjoy a box lunch, desert walk, displays, special show and wine-tasting at the Okanagan First Nation Nk'mip Desert Cultural Centre & Winery; and you'll see snake-fencing and dryland restoration among other sustainable practices—including more wine tasting—at Tinhorn Creek Vineyards. Primary Tour Guide: Dick Cannings. Tour is limited to 46 participants. Lunch is included. Wear appropriate outdoor clothing and footwear. Bring binoculars if you have them. **8 CPD points**



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Wednesday, May 5th

8:00 –	Registration & coffee	CPD
8:30 – 12:00	Ethics AM	4
8:30 – 12:00	Management Consulting AM	4
12:00 – 1:00	Lunch is <u>not</u> included in Ethics, Management Consulting or Tour	
1:00 – 4:30	Ethics PM	4
1:00 – 4:30	Management Consulting PM	4
1:00 – 4:45	Kelowna Habitats Tour – PM Only	4
5:00 – 6:30	Wine & Cheese/ TRADE SHOW	

Thursday, May 6th Trade Show - all day

7:30 – 8:30	CAB AGM Breakfast Meeting	2
9:00 – 9:15	Welcomes and Introductions	1
9:15 – 9:45	Stewart Guy – Env. Assessment & Biologists: Gov't Perspective	1
9:45 – 10:05	Mike Wise – IPP Project Development: Industry Perspective	1
10:05 – 10:15	Question period	
10:15 – 10:45	Networking Break	
10:45 – 11:05	Charlie Palmer – Biological Challenges for Wind Energy EAs	1
11:05 – 11:25	Eric Miller & Doug Hurst – Low Impact Hydro Development Planning	1
11:25 – 11:45	Elke Wind – Run-of-River Hydro Power and Tailed Frogs	1
11:45 – 12:00	Question period	
12:00 – 12:20	Michael Wheedon – Perspective on BioEnergy	1
12:20 – 12:30	Question Period	
12:30 – 1:30	European Deli Lunch Buffet	
1:30 – 1:50	Rhonda Millikin – Remote Sensing of Night Migrant Bats and Birds	1
1:50 – 2:10	Rob Barclay – Bats & Wind Turbine Management	1
2:10 – 2:30	Dale Seip – Caribou & Wind Farms in North-Eastern BC	1
2:30 – 2:40	Question period	
2:40 – 3:00	Don Gosnell – Mountain Pine Beetle & BC's BioEnergy Initiative	1
3:00 – 3:05	Question period	
3:05 – 3:30	Networking Break	
3:30 – 5:30	APB AGM	2
6:30 –	No Host Bar and Awards Banquet – Dr. Brian Riddell , Politics and Pacific Salmon	

Friday, May 7th

8:00 – 9:00	Registration & coffee	CPD
9:00 – 9:05	Welcome	
9:05 – 9:25	Matt Austin – Conservation Framework Pilot: Approach to Decision Making	1
9:25 – 9:45	Nancy Newhouse – Columbia Valley Local Conservation Fund	1
9:45 – 10:05	Brian Wilkes – BC Collaborative Watershed Governance Initiative	1
10:05 – 10:15	Question Period	
10:15 – 10:45	Networking Break	
10:45 – 11:05	Steve Mathews – Okanagan River Restoration	1
11:05 – 11:25	Paul Askey – Fish-Water Decision Tool	1
11:25 – 11:45	Richard Bussanich & Karilyn Alex – Sockeye Re-introduction in the Okanagan	1
11:45 – 11:55	Question period	
11:55 – 12:15	Steve Thomson, MLA – Minister of Agriculture and Lands	1
12:15 – 1:15	Vintners Lunch Buffet	
1:15 – 1:35	Alexandra de Jong-Westman – Pesticides: Why Frogs Croak!	1
1:35 – 1:55	Jamie Slogan – Marine Habitat Compensation	1
1:55 – 2:15	Lisa Scott – Invaders Make Bad Neighbours: Invasive Plants	1
2:15 – 2:30	Question Period	
2:30 – 2:45	2011 Conference Planning Adjourn	

Saturday, May 8th

8:30 – 4:30	Habitat Restoration for Biologists	8
8:30 – 5:30	Natural History and Wine-Tasting Tour of the South Okanagan	8