



www.viu.ca/nrep



Natural Resources Extension Program (NREP)
Environmental Monitoring programs

Program Areas

NREP offers applied, short (1-3 day), courses and longer-term accredited certificate and diploma programs for natural resource professionals. Our areas include:

- Aquatic
- Environmental Monitoring
- Erosion & Sediment Control
- Riparian
- Fisheries
- Certificate Programs
- Diploma Program

For more information: <http://www.mala.ca/nrep/programs.asp>

Our Course Delivery Format

NREP courses are scheduled in communities throughout Canada. For the most up-to-date schedule information, please refer to our website schedule: <http://www.mala.ca/nrep/Schedule.asp> NREP also offers contract training, where we develop your specific course request, and deliver that training at a date and location of your choice. For more information, contact us at (250) 740-6492

How to Register

Registration can be performed by phone, fax, on-line, mail, or company seat purchases. For more information, please refer to our Registration information here: <http://www.mala.ca/nrep/registration.asp>



The Natural Resources Extension Program (NREP) is one of Canada's leading providers of applied, community-based natural resources professional development training. Since 1989, the NREP has developed and delivered fisheries, environmental, and wildlife training to over 15,000 industry stakeholders in communities throughout North America.

NREP offers a unique learning experience for natural resource professionals. We specialize in designing and developing professional development programs founded on three key elements:

- **In demand 'hands on' training**
- **Customized training**
- **Unparalleled service**

Contact us:

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"World class training and programs, top to bottom"
- R.F., Calgary, AB

"Outstanding value, specialized training that is unparalleled"
- K.B., Kelowna, BC

"I have enrolled in four [NREP] programs to-date, and the instructional staff and course content consistently remains outstanding - NREP programs have clearly advanced my career"
- S.L., Vancouver, BC





Applied, relevant 'hands on' training

Since 1989, we have specialized in designing, developing and delivering short-term (1-3 day) and long-term (15-25 day) community-based certification and customized training programs, that provide high-quality 'hands on' training, in realistic scenarios, under the guidance of experienced, industry-leading practitioners and trainers. Truly, we teach the "need to know" – not the "nice to know"!

Customized training

NREP offers both in-house applied training, and customized training designed to meet a very specific need. Don't see a course that meets the needs of your group? Then simply phone us and let our industry-leading technical staff develop and deliver your specialized training at your preferred location and date.

Unparalleled Service

NREP has an outstanding track record for providing flexible, responsive and on-going professional service and advice. Want us to bring our courses to your community? Simply phone us. Enroll in one of our courses, and experience our passion and desire to assist you in your career development. Following your training with us, we will work with you to advance your career. Need assistance with resume building? job leads? or other career development decision-making processes? Then let us provide you with impartial, honest advice to facilitate your career development.

Our Team

Natural Resources Extension includes a full-time staff of three professionals with a diverse support and contract instructional and program development staff. Our team includes more than 25 highly-qualified and respected industry professionals include: biologists (fisheries, wildlife) and ecologists, hydrologists, erosion control specialists, engineers, academics, first nations elders, vegetation specialists, and other resource specialists.

Environmental Monitoring Programs

Environmental Monitoring (EM) for Construction Projects (3-day)

A comprehensive, applied overview of skills, abilities and procedures required for effective monitoring of environmentally related construction projects. This three-day course will include numerous practical exercises and case study reviews where participants are exposed to and complete tasks and requirements for a wide variety of environmental construction projects.

EM for Regulators, Administrators and Non-Practitioners (1-day)

A one-day classroom-based review of the Environmental Monitoring (EM) practice, specifically designed for professionals who regulate and administrate and/or perform other non-practicing roles for EM initiatives.

Environmental Field Techniques for Construction Projects (3-day)

This course is designed to provide 'hands on' training from the content and skills training reviewed in the NREP "Environmental Monitoring for Construction Projects" course. This course will provide course participants with the theoretical and practical skills and abilities required to provide sound professional advice and field services to project proponents, contractors and government regulators.

Environmental Monitoring Professional Certificate Program (20-day)

The Environmental Monitoring Professional - Certificate Program is designed to provide in-demand training to environmental monitoring practitioners. The EMPCP is comprised of a series of 9 short (1-3 day) course modules that participants complete part-time, over time or consecutively. Program content includes: environmental monitoring, erosion & sediment control, working with legislation, spill response and **control, fish habitat design, water quality sampling and program design, engineering principles, culvert design and installation, and worksite** construction techniques.

Environmental Professional Certificate Program (EPCP) (6-month)

The Environmental Professional Certificate Program (EPCP) is a 6-month professional-level certificate program that will

provide environmental practitioners with leading-edge, applied environmental, fisheries, aquatic, safety and communication skills. The EPCP is highly-applied, focusing on field skills training and applications. The EPCP consists of approximately 134 days of instruction (938 contact hours) to be delivered over a 6-month period. The initial intake for this program will be October 2009.

Site Restoration using Native Plants (2-day)

A detailed review of site restoration techniques using native plants. Participants will learn to identify local plant communities and succession stages, and be able to successfully develop and implement a succession plant restoration program for damaged sites.

Culvert Design & Installation (2-day)

Participants will learn to select appropriate culvert design techniques based on a thorough review of hydraulic, biologic, and geomorphic considerations. Using case studies, participants will receive 'hands on' training in: standard design considerations, fish passage structure options, fish biology and capabilities, as well as culvert barrier types, fish passage hydrology and flood analysis.



Spill Response and Control (1-day)

A 'hands on' review of spill response planning procedures for work occurring in and around aquatic habitats. This program is suitable for initial spill responders, environmental technicians, construction supervisors, health and safety personnel, maintenance personnel, material handlers and others that may need to protect themselves or mitigate a potentially dangerous situation. This training exceeds the present requirements for ISO 14001 EMS compliance and both TDG and WHMIS spill response training requirements.