



www.viu.ca/nrep



Natural Resources Extension Program (NREP)
Erosion & Sediment Control programs

Program Areas

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

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

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.

Erosion & Sediment Control Programs

Erosion & Sediment Control (ESC) (3-day)

A comprehensive three-day applied overview of skills, abilities and procedures required for effective erosion and sediment control planning, construction and maintenance. The three-day course introduces participants to the theory and practice of erosion and sediment control via in-class lectures and exercises (1.0 day), and numerous field exercises (2.0 days).

ESC - Application of Best Management Practices (3-day)

This two-day comprehensive classroom-based course will provide participants with in-depth knowledge and skills required to design and develop prescriptions for Erosion & Sediment control (ESC) initiatives. Course participants will learn to integrate ESC Best Management Practices into prescription development processes by completing a number of case studies and practical exercises. The course content and case studies will uphold standard ESC practices and procedures as endorsed by the International Erosion Control Association® (IECA).

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

A one-day classroom-based review of the principles and practice of Erosion & Sediment Control (ESC). This course is specifically designed for land development regulators and administrators who would like to acquire a working knowledge of ESC, and learn to incorporate ESC best management measures and practices into contracts, projects and initiatives.

Certified Professional in ESC (CPESC)

A **Certified Professional in Erosion and Sediment Control (CPESC)** designation establishes and expands your credibility as an ESC practitioner. It sets you apart as a certified professional who can provide expertise to design and evaluate erosion and sediment control plans, to influence public policy and land-use planning decisions, and to educate others in sound approaches for preventing off-site impacts from land development activities. The CPESC program is designed for individuals actively involved with: development and review of permits, design and review of ESC and drainage plans, installation and inspection of ESC practices, and related activities (e.g., assisting regulators, authoring handbooks, educating the public). CPESC Inc. has developed standards and procedures for certifying persons qualified to practice in the field of erosion & sediment control. CPESC Inc. certifies individuals based on a thorough examination and review of one's education, scientific and services activities in both the public and private sector.

Certified Professional in ESC – Exam Review Course (1-day)

The CPESC Exam Review course provides an overview of the "Canadian" (metric) version of the CPESC exam. Please note: To attend and participate in the CPESC Exam course, applicants must be pre-approved by CPESC Inc. The application procedure is outlined here: www.cpesc.org/cc-info/app-process.asp

Certified Professional in ESC – Exam Course (1-day)

CPESC Inc offers two levels of certification: CPESC in training (CPESC-IT), and CPESC. To that end, this one-day course offers two CPESC exams. One is for individuals pursuing In-Training status. The second is for individuals who are approved for the full CPESC exam. NOTE: This one-day course presents the Canadian (metric) version of the CPESC exam. The Exam will require 4-6 hours to complete. Please note: To attend and participate in the CPESC Exam course, applicants must be pre-approved by CPESC Inc. The application procedure is outlined here: www.cpesc.org/cc-info/app-process.asp

Soil Bioengineering (3-day)

A comprehensive 3-day review of standard streambank and hillslope restoration techniques. Participants complete detailed assessments of streambank and hillslope failure and erosion impacts, and prescribe and construct 12 different bioengineering applications. Participants also complete pre-planning initiatives: landscape plan, determination of appropriate methods/plant species/ planting window(s), as well as proper plant propagation, storage, and site maintenance.

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.

