

# Wharf Rehabilitation

## The Content

The rehabilitation of marine and waterfront structures is necessary to extend service life, restore or increase structural capacity, and/or address event-related damage. Proper repairs require an understanding of deterioration mechanisms, structural configuration of marine facilities, and efficient methods of marine contractor work.

During the course of the workshop, participants will learn about:

- The primary types of waterfront structures (e.g. wharves, piers, and bulkheads);
- Deterioration mechanisms for marine structural materials;
- Above and underwater inspection standards and basic techniques;
- Service life evaluation;
- Structural assessment of existing structures; and
- Protection and structural repair.

Course topics will be presented through discussion of existing codes, standards, and guidelines; heavy illustration; and case study.

## The Instructor

**Stephen Famularo, MSc, P.E., D.PE**, is the director of Marine Engineering at McLaren Engineering, New York City. During his 21-year engineering career Steve has led the inspection, design, permitting, and resident engineering for rehabilitation and new construction for hundreds of piers, wharves, bulkheads and jetties. He is a commercially trained diver with inspection experience throughout the United States and Caribbean. He was also the lead expert for the development of the NYC EDC Waterfront Facilities Maintenance Management System, a web-based database for managing the over 520 miles of NYC's waterfront. Steve is a certified Port Engineer through the ASCE Academy of Coastal, Ocean, Port, and Navigation Engineers.



## VENUE / VILLE

MONCTON – March 28, 2018 / 28 mars 2018

UNIVERSITÉ DE MONCTON

Local MJC 207

Pavillon Jean-Cadieux

18, avenue Antonine-Maillet

Moncton NB E1A 3E9

Formation présentée en anglais

Course endorsed by  
Formation reconnue par



## FEES AND REGISTRATION / TARIFS ET INSCRIPTION

Please register online / Veuillez-vous inscrire en ligne:

<https://secure.csce.ca/product/wharf-moncton>

7:30 Registration – 8:00 Start of Session – 10:00 Coffee Break – 12:00 Lunch

14:30 Coffee Break – 16:00 End of Session

7h30 Inscription – 8h Début de la session – 10h Pause-café – 12h Dîner

14h30 Pause-café – 16h00 Fin de la session

By February 28, 2018

Au 28 février 2018

After February 28, 2018

Après le 28 février 2018

CSCE Members Membres SCGC	\$450.00 + T = <b>\$517.50</b>	\$500.00 + T = <b>\$575.00</b>
New Members Nouveaux membres	\$565.00 + T = <b>\$649.75</b>	\$615.00 + T = <b>\$707.25</b>
Non-Members Non membres	\$550.00 + T = <b>\$632.50</b>	\$600.00 + T = <b>\$690.00</b>
Students Étudiants	\$120.00 + T = <b>\$138.00</b>	\$120.00 + T = <b>\$138.00</b>

- ▶ **GROUP RATES** (5 and more) are available upon request.
- ▶ **NEWLY ENROLLING MEMBERS** pay a special introductory membership fee of \$95 plus tax and obtain a discount on all future CSCE events and other benefits. The fee is \$565.00 (\$470.00 + \$95.00) and \$615.00 (\$520.00 + \$95.00) plus tax.
- ▶ **TARIFS DE GROUPE** (5 et plus) disponibles sur demande.
- ▶ **NOUVEAUX MEMBRES** Tarif spécial de 95 \$ plus taxes et obtention d'un rabais sur nos événements et divers privilèges. Le tarif est 565 \$ (470 \$ + 95 \$) et 615 \$ (520 \$ + 95 \$) plus taxes

For group rates and additional information / Pour les tarifs de groupe et informations complémentaires:

[Mahmoud Lardjane](mailto:Mahmoud.Lardjane@unb.ca) 514-933-2634 #4

**Cancellation and Substitution** Cancellation requests received more than 14 calendar days before the start of the course will receive a full refund minus a \$100 administration fee.

Cancellation requests received within the 14 days prior to the start of the course will be non-refundable.

CSCE reserves the right to cancel any course and will, in such event, fully refund all registration fees.

Any registrant may substitute another person eligible for the same fee at any time prior to the start of the course.

**Annulation et substitution** Demandes d'annulation reçues plus de 14 jours avant le début de la formation: remboursement des frais d'inscription moins 100 \$ de frais administratifs.

Demandes d'annulation reçues dans les 14 jours précédant le début de la formation: frais d'inscription non remboursables.

La SCGC se réserve le droit d'annuler toute formation. Les frais d'inscription sont alors remboursables en totalité.

Tout participant peut, à tout moment avant le début de la session, être remplacé par un autre participant éligible au même tarif.