

SHIFTING CURRENTS: rethinking our relationships with water

2016 BCSLA Annual Conference, Showcase and AGM

March 31st to April 2nd 2016

Marriott Vancouver Pinnacle Hotel, 1228 West Hastings St., Vancouver BC



See page 4 for image credits

WELCOME

It is our honour to welcome you to the British Columbia Society of Landscape Architects (BCSLA) 2016 Conference, Showcase and Annual General Meeting. The goal of this year's conference is to examine the influence water has in all aspects of our lives and landscapes and the potential consequences climate change will have in our relationship with, reaction to, and management of water in our landscapes.

Growing demands for water and the ramifications of climate change are having great influence on our relationships with, access to, and use of water in our lives and landscapes. Last year's water use restrictions in many BC urban areas, with projected tighter restrictions this year, are but one example of the shifting circumstances that landscape architects and other professionals need to consider in the planning, development, and maintenance of projects, infrastructure, and landscapes.

A big thank you to all of our program sponsors and Showcase Exhibitors. With your generosity the BCSLA can continue to offer valuable programs, services and activities. Delegates are invited to visit all of the booths to see the latest in products and services and to thank our supporters.

We are grateful to the following BCSLA volunteers: Sara Abadi, Dr. Katherine Dunster, Patricia Gooch, Cynthia Hildebrand, Cindy Hsu-Becker, Nastaran Moradinejad, Al Neufeld, Linda Nielsen, Nancy Paul, Mike Teed, David Thompson and Stephen Watt.


CONFERENCE AT A GLANCE

THURSDAY, March 31 - Pre-Conference Events

This program is preliminary only. In the interests of ensuring the highest quality program content, session topics, scheduled times, titles, meeting rooms and speakers/presenters are subject to confirmation or change. Check www.bcsla.org for updates.

5:30pm - 6:00pm	Landscape Café Registration & Buffet	Ambleside II
6:00pm - 7:30pm	CE Session - Landscape Café: Climate Change <i>Bev Windjack</i> MBCSLA	Ambleside II

FRIDAY, April 1

7:00am - 6:00pm	Showcase Exhibits	Pinnacle Ballroom, Shaughnessy I+Foyer
7:00am - 6:00pm	Conference Registration	Foyer
7:30am - 8:30am	Continental Breakfast 	Pinnacle Ballroom, Shaughnessy I+Foyer + Showcase
8:30am - 8:45am	Welcoming Remarks	Pinnacle Ballroom

9:00am - 9:45am	Tamo Campos + Farhan Umedaly: A Last Stand for Lelu <i>Keynote</i>	Pinnacle Ballroom
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10:00am - 11:15am	Context + Community Climate Adaptation: Examples from Vancouver Island <i>Scott Murdoch</i> MBCSLA + <i>Paul DeGreeff</i> MBCSLA	Pinnacle Ballroom
	Ecologically & Culturally Sensitive Enhancement Plan for Beaver Lake <i>Katy Amon</i> BCSLA Intern, <i>Alan Duncan</i> MBCSLA, FCSLA, MCIP	Shaughnessy II

FRIDAY, April 1

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- 10:00am - 11:15am  **Telling Dirty Secrets:**  Ambleside I - 4th Floor
 Exposing Wastewater Infrastructure on the Sunshine Coast
Shasta McCoy MBCSLA, *Paul Nash*
- 11:15am - 11:45am  **Coffee Break + Showcase**  Pinnacle Ballroom+Foyer
- 11:45am - 12:45pm  **Downstream, Upstream, or Stuck in the Middle:**  Pinnacle Ballroom
 Doing what's best for a watershed, wherever you are
Ellen Pond BCSLA + *Kathy Dunster* MBCSLA, R.P. Bio.
-  **Fascieux Creek Naturalization:**  Shaughnessy II
 Creating an Inspirational Learning Environment
Janice Loukras
-  **Rainwater Harvesting & Management:**  Ambleside I - 4th Floor
 Taking Charge with Nature
Ken Nentwig BLA, MLA, CLP, CLD
- 12:45pm - 2:00pm  **CSLA Awards Luncheon**   Pinnacle Ballroom
Presented by Don Wuori MBCSLA
- 2:00pm - 3:00pm  **Beyond the Guidebook 2015: Moving Towards**  Pinnacle Ballroom
 Sustainable Watershed Systems through Asset Management
Kim Stephens M.Eng, P.Eng
-  **Castlegar Natural Swimming Pond:**  Shaughnessy II
 A Case Study of an Innovative Public Amenity
Don Crockett MBCSLA
-  **The St. George Rainway Project:**  Ambleside I - 4th Floor
 connecting community and water
Sarah Primeau MBCSLA + *Amy Kiara Ruth*
- 3:15pm - 4:15pm  **Re-examining our Relationship with Water**  Pinnacle Ballroom
 in the Public Realm
Melissa Higgs Architect AIBC, MRAIC + *Paul Fast* Architect AIBC, MRAIC
-  **Salmon-Safe:**  Shaughnessy II
 Incentivizing Best Practice in Water Management & Landscape
 Design & Improving Environmental Outcomes in the Urban Realm
Amy Greenwood Fraser Basin Council + *Randy Sharp* MBCSLA, FCSLA
-  **High Efficiency Irrigation Standard**  Ambleside I - 4th Floor
Ted van der Gulik P. Eng (Chair - IIABC Certification Board)
- 4:30pm - 5:00pm  **Coffee Break + Showcase**  Pinnacle Ballroom, Shaughnessy I+Foyer
-
- 5:00pm - 6:00pm** **Judith Guichon, Lieutenant-Governor:** Pinnacle Ballroom
Welcome Speech
Keynote
-
- 6:00pm - 6:30pm  **Discussion + Break**  Pinnacle Ballroom, Shaughnessy I+Foyer
- 6:30pm - 8:00pm  **Opening Reception + Showcase** Pinnacle Ballroom, Shaughnessy I+Foyer

SATURDAY, April 2

- 8:00am - 12:30pm  Showcase Exhibits  Pinnacle Ballroom, Shaughnessy I+Foyer
- 8:00am - 2:00pm  Registration  Pinnacle Foyer
- 8:00am - 8:45am  Continental Breakfast + Showcase  Pinnacle, Shaughnessy I+Foyer
- 8:30am - 8:45am  Al Neufeld+CE Committee: Welcoming Remarks Pinnacle Ballroom
-
- 8:45am - 9:45am**  **Kevin Connery** MBCSLA Pinnacle Ballroom
Adapt or Retreat: The Future of Richmond in the Face of Sea Level Rise
Keynote
-
- 9:45am - 10:30am  Coffee Break + Showcase  Pinnacle, Shaughnessy I+Foyer
- MOBILE TOURS** * Maximum 20 people on each tour. Booked on a first-come first-served basis*
- 10:00am - 10:15am  Tour Group Muster  Hotel Foyer
- 10:15am - 12:15pm  **1** Urban Sketching on the Edge *with Erick Villagomez* 
-  **2** Beaver Lake *with Katy Amon* BCSLA Intern + *Alan Duncan* MBCSLA, FCSLA 
-  **3** Lost Lagoon *with Margot Long* MBCSLA, FCSLA 
-  **4** Jericho Beach Restoration *with Tiina Mack* MBCSLA 
- Tours leave on time (rain or shine). Wear sensible footwear and dress appropriately for the climate.
- 10:30am - 11:30am  Green Shores™: A Shore and People Friendly,  Shaughnessy II
Cost Effective Approach to Shoreline Development in BC
DG Blair
- 12:00pm - 12:30pm  Break and Mobile Tour Return  Pinnacle, Shaughnessy I+Foyer
- 12:30pm - 2:00pm  BCSLA Awards Luncheon   Pinnacle II
Presented by Jacqueline Lowe, Al Neufeld + Judith Blake Reeve
- 1:30pm - 2:30pm  AGM Registration  Pinnacle Foyer
- 2:30pm - 2:45pm  BCSLA New Members Book Awards  Pinnacle II+III
Presented by Mark Vaughan, Registrar
- 2:30pm - 4:30pm  **2016 BCSLA Annual General Meeting**  Pinnacle II+III
- 4:45pm - 6:30pm  Closing Reception  Point Grey Room

Program Cover Image Credits:

Main Photo: Brett Hitchins, Design: Connect Landscape Architecture

Top left Photo: Harold Schock, School District 23

Middle left Photo: Margot Long, Design: PWL Partnership

Top right photo: Randy Sharp

2nd right photo: Kevin Connery

3rd right image: HCMA Architecture + Design

4th right image: Ken Nentwig

Bottom right photo: St George Rainway Group

ABSTRACTS AND SPEAKER BIOS

FRIDAY, April 1

Film - A Last Stand for Lelu

Tamo Campos + Farhan Umedaly

KEYNOTE SPEAKER



ABSTRACT A great injustice is being done on Lelu Island near Prince Rupert, B.C., the sacred and traditional territory of the Lax Kw'alaams people for over 10,000 years. The B.C. provincial government is trying to green light the construction of a massive LNG terminal on the island – Pacific Northwest LNG, backed by Malaysian energy giant Petronas, without consent. The Lax Kw'alaams are the keepers of Lelu Island and its connected Flora Bank, a massive sand bar that is part of the Skeena River estuary and known by fisheries biologists as some of the most important salmon habitat in Canada. The Lax Kw'alaams have voted unanimously against the project and became legendary when they rejected a \$1.15 billion dollar deal from Petronas in an attempt by the company to gain consent. Ignoring the voice of the Lax Kw'alaams, Petronas, with full backing of the Provincial Government have illegally begun drilling into Flora Bank where they now face off against warriors of the Lax Kw'alaams who have occupied the island since August 2015. Join the resistance of the Lax Kw'alaams on both land and sea in 'A Last Stand for Lelu'.

BIOS Farhan Umedaly, **Producer & Director**, is a filmmaker with a background in neurobiology, renewable energy and as a multi-instrumentalist music producer with over 17 years of experience in digital audio and video production. Farhan started VoVo Productions in 2009 with a vision to help create positive change in the world. **Tamo Campos, Producer & Director**, is a social justice activist, professional snowboarder, writer and filmmaker. He currently organizes with Beyond Boarding; a collective of snowboarders, artists, and activists that combine their love for the outdoors with environmental projects.

Context + Community Climate Adaptation: Examples from Vancouver Island

Scott Murdoch (MBCSLA) + Paul DeGreeff (MBCSLA)

ABSTRACT Climate change elicits varying responses depending on context. Where a community has reliable, abundant water supply in a secure supply system, water supply may not be an issue now nor in the foreseeable future. But that same community may suffer from aging underground infrastructure ill-designed to handle higher intensity storm events. Or another community may have extensive areas of low-lying shorelines susceptible to sea level rise. Landscape context ought to affect the severity and character of a community's climate change stress response, and the resilience of a community with respect to key climate change issues. This presentation will review a cross section of Island communities to illustrate how context changes climate adaptation urgency and focus.



BIOS Paul de Greeff (B.Sc, MLA), Registered Landscape Architect is a principal at Murdoch de Greeff Landscape Architects in Victoria, BC. He has been consulting on ecological restoration, site planning, and innovative stormwater management projects for more than 12 years and continues to teach at UBC's SALA. Paul's background in geomorphology, ecology and mine reclamation affords him a unique skill set that he applies to incorporating natural systems and landscape formative processes into his landscape designs. **Scott Murdoch, R.L.A., R.P.Bio.** is a principal at Murdoch de Greeff Landscape Architects in Victoria, B.C. He is both a Registered Landscape Architect and a Registered Professional Biologist with over 20 years of experience in integrated environmental planning and design, and urban design. Scott's experience, education and background as a fisheries biologist provide him with the skills needed to develop integrated design solutions.

Ecologically + Culturally Sensitive Enhancement Plan for Beaver Lake

Katy Amon (MLA, BCSLA Intern) + Alan Duncan (FCSLA, MCIP)

ABSTRACT As a result of invasive plant species, road construction, and fluctuating water levels, iconic Beaver Lake is infilling at an increased rate. It is likely that there will be no open water left within 10-20 years, and the wetland will evolve into wet meadow and then into a forest. A new plan focuses on enhancement strategies that accept the idea of an “altered” ecosystem and will include a strategy to reduce the system’s historic dependence on municipal water. The consultants are now conducting in-field testing to find options to reduce or eliminate this unsustainable reliance, especially in the face of increasing impacts of climate change.



BIOS Katy holds an MLA and a BA in Environmental Geography. She has led park projects at LEES+Associates since 2009, from management and master plans through detailed design. Her skills enhance the team’s ability to develop and evaluate designs focused on habitat and biodiversity while considering programming and interpretive opportunities.

Alan joined the City of Vancouver in 1989 and was appointed first Environmental Planner in the Vancouver Park Board in 2004. In 2001, he was first recipient of the BCSLA Public Practice Award, was elected to the CSLA College of Fellows in 2003 and is currently its President-Elect.



Telling Dirty Secrets: Exposing Wastewater Infrastructure on the Sunshine Coast

Shasta McCoy (MBCSLA, Urban Systems, Ltd.) + Paul Nash (Sechelt Water Resource Centre)

ABSTRACT Most communities are embarrassed by their sewer and go to great lengths to hide treatment plants. The District of Sechelt, has instead chosen to lay bare their municipal wastewater treatment, to invite the public to witness the process, and to make the process beautiful. During the session, members of the project team will share an in-depth look at the Water Resource Center project from start to completion and illuminate the development and evolution of the project vision; the unique method of design and construction procurement; design features; treatment process; integration of biosolids into local materials stream; water reuse and hydrology; the project challenges; as well as a discussion of lessons learned.

BIOS Shasta is an award-winning, intrepid designer; her inventiveness in shaping public space is recognized internationally. As a landscape architect with Urban Systems, she has played a key role in delivering numerous green infrastructure and parks projects in western Canada.

Paul holds bachelors and masters degrees in civil engineering and specializes in all things water. Originally from Sydney, Australia, Paul came to Canada in 1997 to do environmental management in the ski resort industry before moving to Sechelt in '06. He is the project coordinator for Sechelt’s new wastewater treatment facility.



Downstream, Upstream, or Stuck in the Middle:

Doing what’s best for a watershed, wherever you are

Ellen Pond (BCSLA) + Kathy Dunster (MBCSLA, R.P.Bio.)



ABSTRACT Every project we work on is connected to a watershed. Every design or policy planning decision we make about a site-specific landscape project has downstream implications for a much larger landscape. Using the KPU Langley Campus (“stuck in the middle”) as a demonstration platform, this session will provide practical “how-to” techniques such as how to identify the watershed your project is located in; how to determine significant environmental values requiring protection,

enhancement, or restoration, incorporating watershed conservation within any scale of design project without losing sight of other project objectives (social, cultural, aesthetic); how to reverse previous bad practices; how to do it without compromising the design work of one of the worlds' leading landscape architects; and how to do it with very little to no budget.

BIOS Ellen Pond is a partner with C2MP Consulting and Program Coordinator and Instructor in the Policy Studies Program at KPU; she is currently teaching Urban Watershed Planning in the KPU Urban Ecosystems program.

Kathy Dunster heads the KPU Urban Ecosystems Program at the KPU School of Horticulture and is an Adjunct Professor at UBC SALA.

Fascieux Creek Naturalization: Creating an Inspirational Learning Environment

Janice Loukras

ABSTRACT The south arm of Fascieux Creek enters the east end of the Ecole KLO Middle School grounds from underneath a major street, Gordon Drive in Kelowna, BC. On school grounds, approximately 200 m of the creek had been channelled through a steel culvert and covered at least 30 years ago. In 2010, students discovered Western Painted Turtle eggs in their long jump sandpit and were inspired to create a natural habitat for the turtles and, in turn, inspired their teacher, parents and school to pursue the naturalization of the creek through the school grounds. Over the next five years, students and the school community engaged the support of the school district, City of Kelowna, the provincial Ministry of Forest, Lands and Natural Resources as well as many funding organizations. Through their efforts, they created a naturalized creek and ponds that soon became the home to Kokanee, painted turtles and learning students.



BIO Janice Loukras was a volunteer working the Ecole KLO Green Parent Committee over the years from inception to completion of the Fascieux Creek naturalization project. Her background in biology, business and environmental consulting were helpful in understanding project needs and bringing together needed components and participants. More importantly, her perseverance came from her belief in the value of natural environments as places of learning and for connection and renewal for students and the community.

Rainwater Harvesting + Management: Taking Charge with Nature

Ken Nentwig (BLA, MLA, CLP, CLD)

ABSTRACT Urban, rural, wet and dry regions across BC and Canada experience water shortage and quality issues that are found world-wide. Increasing demands placed on aquifers and ground water stores; the handling of storm runoff and pollution; effects of water deprivation to the soil alongside flooding; related ecosystem deterioration: no society or development or industry can change nature's age-old systems without repercussion. As an alternate water source to treated municipal and ground or surface water, rainwater has proven reliable and of high quality. Landscape architects as stewards of the environment already play a key role in the planning and implementation of manners of working with nature. Creatively developing new alternatives to existing practices is a worthwhile challenge for the profession.



BIO Ken is a retired landscape architect, involved in rainwater harvesting training, education and consultation. Besides ARCSA training, he teaches 'Rainwater Management' and 'SketchUp for Landscape Design' courses online with Gaia College, and is involved with the Society for Organic Urban Land Care programs and Pacific Design Academy in Victoria.

Beyond the Guidebook 2015:

Moving Towards Sustainable Watershed Systems through Asset Management

Kim Stephens (M.Eng. P.Eng)



ABSTRACT ‘Beyond the Guidebook 2015’ is the third in a series that builds on Stormwater Planning: A Guidebook for British Columbia. It is a progress report on how local governments on the east coast of Vancouver Island and in the Lower Mainland are ‘learning by doing’ to implement affordable and effective science-based practices that are being branded as Sustainable Watershed Systems, through Asset Management which includes implementation of integrated watershed-based community planning and asset management processes.

BIO Kim has over 40 years of experience as an engineer-planner, from master planning and modelling to implementation of capital projects. He specializes in public policy and professional development, and has played a leadership role in a series of initiatives in BC related to water conservation and sustainability, watershed health, rainwater management and green infrastructure.

Castlegar Natural Swimming Ponds: A Case Study of an Innovative Public Amenity

Don Crockett (MBCSLA)

ABSTRACT The Natural Swimming Ponds were conceived as a new landform consisting of three connected ponds set carefully above predicted flood elevations, in consultation with BC Hydro, to provide a safe and comfortable unsupervised public swimming amenity, reflective of the “Old Swimming Hole”. The case study will cover the various complex factors involved in the successful design and implementation of the facility, including hydrological engineering, geotechnical analysis, terrain modelling, archaeology, well water design and construction, liner installation, civil engineering, planting design, irrigation. Also, various regulatory authority requirements will be covered such as Canada Recreational Waters Guidelines, Health Authority, Navigable Waters, MOE and Water Act, First Nations consultation, and DFO Authorization.



BIO Don Crockett is a landscape architect with nearly 25 years of experience in BC. Don has played key roles in various planning and landscape design projects, including environmental inventory assessment, land use planning, parks and trails planning, neighbourhood concept and park design, and public and stakeholder consultation.

The St. George Rainway Project: connecting community and water

Sarah Primeau (MBCSLA) + Amy Kiara Ruth

ABSTRACT The St George Rainway Project is a community-driven initiative that seeks to recall a historic waterway in Mount Pleasant. The goal is to use rainwater runoff from the streets, lanes and adjacent properties to recreate this lost stream (te Statlew) along St George St. and hopes to connect people with water and nature in the city through art, educational activities, and community events. This presentation will highlight the Rainway group’s activities to date, opportunities and challenges faced, and how the concept could be a model for bringing water and biodiversity back to other urban watersheds.

BIOS Sarah Primeau is a landscape architect (space2place), ecologist, and volunteer with the St George Rainway Project. Her passion and expertise is on integrating green infrastructure with the built environment to help regenerate ecological processes, and to increase the livability and resilience of our cities.

Amy Kiara Ruth is a kinesiologist and somatic movement educator who explores what it means to live in relationship to seasonal rhythms and tides in an urban environment. She is a volunteer with St George Rainway Project.



Re-examining our Relationship with Water in the Public Realm

Paul Fast + Melissa Higgs, HCMA Architecture + Design

ABSTRACT HCMA Architecture + Design has launched two research projects aimed at re-engaging Vancouverites with water with the intention of sparking open discourse and debate over the role of water in the experience of the collective public. This presentation will examine these projects, their underlying principles as well as similar precedents from across the world. The first project, Harbour Deck, proposes a new type of water-based public space located in Coal Harbour, Vancouver. The second project proposes the transformation of the much loved New Brighton outdoor swimming facility from a chlorinated pool to one that is naturally filtered.

BIOS **Melissa Higgs** is an architect and Associate at HCMA. Her focus has been designing recreation facilities and arts and culture projects, including the Grandview Heights Aquatic Centre in Surrey, BC. Melissa is a member of the City of Surrey's Advisory Design Panel and the AIBC's Diverse Membership Group.) **Paul Fast** has a Masters of Architecture from UBC. He works toward architecture that reconnects people to their environments and particularly enjoys the initial stages of concept design in which the key values of site, user and program are identified. Paul was an instrumental member of the team for the award-winning Faculty of Pharmaceutical Sciences Project, and is the Project Architect for the Community Recreation Centre in Edmonton.



Salmon-Safe: Incentivizing Best Practice in Water Management and Landscape Design and Improving Environmental Outcomes in the Urban Realm

Amy Greenwood MSc (Fraser Basin Council) + Randy Sharp (BCSLA, FCSLA, ASLA, LEED AP)

ABSTRACT During this session, Amy Greenwood and Randy Sharp will discuss the historic impacts of urbanization on water quality and stream health and share best practices in site design that improve environmental outcomes at the site, neighbourhood and watershed scale. By profiling sites that have achieved Salmon-Safe certification, this session will share innovative approaches to water-centric design in urban centres across the Pacific Northwest, including Seattle, Portland and Vancouver. Presenters will also discuss the importance of water-centric design to ensure resiliency in the face of climate change and how Salmon-Safe sites increase urban resiliency for the benefit of people and the environment.

BIOS **Amy** has been with the Fraser Basin Council since 2006 and is currently the Assistant Manager with the Watersheds & Water Resources team. She leads the delivery of various sustainability initiatives for the Council, including research on ecosystem-scale health indicators and the Salmon-Safe Communities certification initiative. **Randy Sharp** established a practice in Vancouver in 1980 that became Sharp & Diamond Landscape Architecture. His major achievements include the redevelopment of Granville Is., Vancouver International Airport (YVR), the Capilano-Seymour Filtration Plant, Broadway Tech Centre, and the headquarters of Mountain Equipment Co-op.

High Efficiency Irrigation Standard

Ted van der Gulik, P. Eng (Chair - IIABC Certification Board)

ABSTRACT Landscape irrigation has often been taken for granted, but when water supplies become short it is one of the sectors that takes the first hit on water restrictions especially landscape turf. The Irrigation Industry Association has developed a high efficiency irrigation standard (HEIS) that will take into account all of the facets that together make an irrigation system efficient.



BIOS **Ted** received his Bio-Resource Engineering degree from the University of British Columbia in 1977. After a 35 year career with the Ministry of Agriculture he retired in 2014. During his career Ted has built an international

FRIDAY, April 1

ABSTRACTS AND SPEAKER BIOS

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reputation for his leading edge work in water management. This was demonstrated by his selection as the Irrigation Association's Crawford Reid Memorial Award in 2000 and the Premier's Legacy Award in 2014.

Judith Guichon, Lieutenant-Governor

Welcome Speech

KEYNOTE SPEAKER



BIO The Honourable Judith Guichon was sworn-in as the 29th Lieutenant Governor of British Columbia on November 2, 2012. Her Honour studied Holistic Management, a farming method which promotes sustainable management of livestock by emphasizing their natural habitat. Along with her late husband, commercial pilot Lawrence Guichon, she introduced Holistic Management to the ranchers of British Columbia. Prior to her term as Lieutenant Governor, Her Honour served on the Provincial Task Force on Species at Risk and completed a two-year term as the president of the British Columbia Cattlemen's Association. She has also been a part of the Ranching Task Force for B.C. and the British Columbia Agri-Food Trade Advisory Council. We are honoured that she will be addressing our delegates this year.

SATURDAY, April 2

Adapt or Retreat: The Future of Richmond in the Face of Sea Level Rise

Kevin Connery (MBCSLA)

KEYNOTE SPEAKER

ABSTRACT The presentation will explore the implications of climate change and expected sea level rise on the City of Richmond and how the city is planning and preparing for change. It will summarise the BC's Ministry of Environment 2013 report 'Sea Level Rise Adaptation Primer' and the strategies it identifies. It will also review how other areas (e.g. Rotterdam) are responding. The emphasis of the presentation will be on what the landscape implications are, including the challenges and opportunities they present to landscape architects.



BIO Kevin is a landscape architect and Park Planner with the City of Richmond where he is involved in planning and managing the City's parks and open space system to ensure it responds to evolving community needs as well as restoring ecosystem function whenever possible. He has 30 years of experience working on a variety of urban planning and park design, and previously taught sustainable design at Lincoln University in New Zealand.

Green Shores™: A Shore and People Friendly, Cost Effective Approach to Shoreline Development in British Columbia

DG Blair (Stewardship Centre for BC)



ABSTRACT Green Shores™ is a program of the Stewardship Centre for BC that promotes sustainable use of shoreline ecosystems through education, planning, and design guidance that recognizes the ecological features and functions of shoreline systems. In this presentation, two ratings programs will be described: Green Shores for Coastal Development for mixed use commercial/residential, institutional and shoreline parks and recreational areas; and Green Shores for Homes, for residential properties.

BIO DG Blair holds a B.Sc. in Biological Sciences and a M.Sc. in Environmental Education and Communications. As Executive Director of the Stewardship Centre for BC since 2010, she provides leadership and facilitation of SCBC's collaborative stewardship initiatives including Green Shores, Species at Risk, and Environmental Stewardship Community of Practice.

1 SKETCHING ON THE EDGE with Erick Villagomez



In keeping with this year's conference theme, our urban sketching outing focus on water and the urban environment. Join artist and Spacing Vancouver Editor-in-Chief Erick Villagomez for a wonderful 50 minute sketching excursion to Vancouver's popular Seawall along Coal Harbour, where we will experience, observe, and draw(!), along the edge where land and water meet. Drawing tricks and tips will be discuss along the way..and maybe even some local urban design/planning history! The tour will conclude with a optional review of drawings and discussion. Bring a sketchbook and your favourite drawing implements—rain or shine!

Erick Villagomez is an educator, designer and illustrator based in Vancouver. Constantly drawing and painting digitally, he works across a wide range of design disciplines, including information design, architecture, and urban design. Erick is also the Editor-in-Chief of Spacing Vancouver - an online magazine focused on urban landscapes - where he maintains a regular urban sketching column called Visual Thoughts. You can see some of his artistic gallivants at - <http://evillago.tumblr.com/> and on instagram at @e_vill1.

2 BEAVER LAKE with Katy Amon (BCSLA Intern) + Alan Duncan (MBCSLA, FCSLA)



Iconic Beaver Lake is infilling at an increased rate and the Vancouver Board of Parks and Recreation and Stanley Park Ecology Society concluded that doing nothing is not an acceptable option because of the loss of biodiversity and aesthetic and educational amenity. This tour will include a discussion of key issues, next steps and the approved final concept, which focuses on enhancement strategies that accept the idea of an "altered" ecosystem.

3 LOST LAGOON with Margot Long (MBCSLA , FCSLA)



The redevelopment of Lost Lagoon was initiated as part if the Causeway Expansion through Stanley Park. This project is great example of a green infrastructure projects working within the context of existing parks and amenities. The tour will show how all the storm water from the causeway is cleansed through a series of settling pond on the edge of Lost Lagoon and has created an entire new ecosystem in the park.

4 JERICHO BEACH RESTORATION with Tiina Mack (MBCSLA)

In 2010, the Park Board approved the demolition and removal of the WW2 Jericho Marginal Wharf for reasons of public safety and concerns about creosote timber piles in the marine environment. The restoration project completed in 2013 returned the site to its original natural beauty, created new habitat for local plants and animals, and protected the foreshore environment to improve beach habitat for invertebrates, spawning fish, and foraging shoreline birds.



THANK YOU TO OUR GENEROUS SPONSORS FOR THEIR SUPPORT:



SHIFTING CURRENTS: RETHINKING OUR RELATIONSHIP WITH WATER

BCSLA Annual Conference, Showcase and AGM, March 31 to April 2, 2016 - Registration Form

Please mail payment and form to the BCSLA or email to office@bcsla.org, or fax 604.681.3394 by **NOON MARCH 21, 2016**

BCSLA Members & Interns and Associates	Before Mar. 15/ Mar. 16 to Mar.30	
<input type="checkbox"/> Landscape Café (March 31– please see flyer for details)	\$25	\$50
<input type="checkbox"/> Full Conference – Two Days (April 1 and 2 – all onsite events)	\$330	\$380
<input type="checkbox"/> Conference - One Day (April 1 <u>or</u> 2- all onsite events) <input type="checkbox"/> Friday <u>or</u> <input type="checkbox"/> Saturday	\$190	\$220
<input type="checkbox"/> Networking Reception ONLY <input type="checkbox"/> Friday <u>or</u> <input type="checkbox"/> Saturday	\$100	\$120
<input type="checkbox"/> 2016 BCSLA Annual General Meeting (April 2)	n/c	n/c
<input type="checkbox"/> Tours: Urban Sketching _____ Beaver Lake _____ Lost Lagoon _____ Jericho Beach _____ St. George Rainway _____	\$30	\$35

(Please list in order of preference – 20 people on each tour maximum - times subject to change)

BCSLA Retired, Inactive or Students, Speakers/Tour Leaders & Board of Directors		
<small>(Please note that Speakers/Tour Leaders are entitled to one-day complimentary registration on the day of their presentation/tour.)</small>		
<input type="checkbox"/> Landscape Café (March 31 – please see flyer for details)	\$25	\$50
<input type="checkbox"/> Full Conference – Two Days (April 1 <u>and</u> 2- all onsite events)	\$275	\$285
<input type="checkbox"/> Conference - One Day (April 1 or 2 - all onsite events) <input type="checkbox"/> Friday <u>or</u> <input type="checkbox"/> Saturday	\$170	\$185
<input type="checkbox"/> Networking Reception – ONLY <input type="checkbox"/> Friday <u>or</u> <input type="checkbox"/> Saturday	\$100	\$100
<input type="checkbox"/> 2016 BCSLA Annual General Meeting (April 2)	n/c	n/c
<input type="checkbox"/> Tours: Urban Sketching _____ Beaver Lake _____ Lost Lagoon _____ Jericho Beach _____ St. George Rainway _____	\$30	\$35

(Please list in order of preference – 20 people on each tour maximum - times subject to change)

Non-Members		
<input type="checkbox"/> Landscape Café (March 31 – please see flyer for details)	\$40	\$50
<input type="checkbox"/> Full Conference – Two Days (April 1 <u>and</u> 2 - all onsite events)	\$370	\$400
<input type="checkbox"/> Conference - One Day (April 1 <u>or</u> 2 -all onsite events) <input type="checkbox"/> Friday <u>or</u> <input type="checkbox"/> Saturday	\$200	\$225
<input type="checkbox"/> Networking Reception ONLY <input type="checkbox"/> Friday <u>or</u> <input type="checkbox"/> Saturday	\$120	\$130
<input type="checkbox"/> Trade Show – One Day (April 24 <u>or</u> 25) <input type="checkbox"/> Friday <u>or</u> <input type="checkbox"/> Saturday	\$15	\$15
<input type="checkbox"/> Tours: Urban Sketching _____ Beaver Lake _____ Lost Lagoon _____ Jericho Beach _____ St. George Rainway _____	\$35	\$40

(Please list in order of preference – 20 people on each tour maximum - times subject to change)

Sub-Total: _____

For information on onsite registration pricing, please contact the BCSLA office.

Add 5% GST: _____

(BN131999757 RT0001)

TOTAL PAYABLE: _____

Sorry no refunds after March 6, 2016

Before NOON Mar 15 / Mar. 16 to Mar.30

PAYMENT INFORMATION:

Name _____ Firm _____

Address _____ City Province/State _____ Postal/Zip Code _____

Phone _____ Fax _____ Email _____

Cheque payable to “BC Society of Landscape Architects”
(please mail with this form to: BCSLA, #450, 355 Burrard Street, Vancouver, BC V6C 2G8)

Visa Credit Card Number: _____ Expiry Date: _____
(Sorry no other credit cards accepted.) (MM/YY)

Visa Cardholder Name _____

Visa Cardholder Signature _____

Special dietary requirements: Vegetarian Other (please specify): _____

SHIFTING CURRENTS: RETHINKING OUR RELATIONSHIP WITH WATER

2016 BCSLA Annual Conference Helpful Information

Conference Registration

Please submit your completed registration form and payment payable to "BC Society of Landscape Architects" to:

BC Society of Landscape Architects
#450, 355 Burrard Street,
Vancouver, BC V6C 2G8

Onsite registration is available from March 31-April 2, 2016 at a special rate.

Conference Registration

On the first day that you attend the BCSLA Conference please check-in at the BCSLA registration desk located adjacent to the third floor adjacent to the Pinnacle Ballroom Foyer and pick up your delegate badge. Additional tickets for companions may be purchased.

Name Badges & Lanyards

Your delegate badge is your admission to all conference activities. Be sure to have your badge with you at all times. Abbotsford Concrete Products has generously provided the delegate name badges and lanyard. Be sure to visit the friendly representatives at Showcase Booth #38 to thank them. Think green and please return your badge and lanyard to the registration desk at the end of the conference for re-use.

Showcase of Products & Services

BCSLA is grateful for the support of our loyal exhibitors and program supporters. Please take the time to visit all of the Showcase Booths located in the Pinnacle Ballroom and Shaughnessy I Room to thank them for participating and to learn more about their products and services. The funds that they provide to support the BCSLA ensure that we continue to offer BCSLA Members the programs, services and activities throughout the year.

Tours

The mobile and walking tours will leave on time (rain or shine). Be sure to check in and out with the tour volunteer. Please remember to wear sensible footwear and dress appropriately for the climate. No pets please.

Networking Receptions

Staff and volunteers will be checking to make sure that all delegates have registered and paid for the networking receptions. If you are not registered for the event you may be invoiced following the conference.

Conference Venue

The BCSLA Conference will take place at the Third and Fourth Floors of the Marriott Pinnacle Hotel located at 1128 West Hastings Street, Vancouver, BC. <http://www.marriott.com/hotels/travel/yvrdt-vancouver-marriott-pinnacle-downtown-hotel/> for details and a map.

Getting There / Parking

Driving/Carpool/Cycling: Take transit, cycle or car pool

Local transit: BC Transit operates a number of bus, seabus and rapid transit routes that connect to the downtown core. Take the Expo or Millennium Skytrain Line to the Burrard Station. Take the Canada Line to Vancouver City Centre. Details at <http://www.translink.ca/>

Parking

The Marriott Pinnacle Hotel offers parking for \$3.50 per half hour or \$7.00 per hour weekdays. Hotel guest are offered reduced rates. Ask at the front desk. Weekday early bird parking is \$15.75 in before 9:00 am and out before 6:00 pm. \$21 after 9:00 am till 6:00 pm. Parking on the weekend (not overnight) is \$7.00 all day from 6:00 am to 11:00pm. There is no in and out privilege for all parking. Should you require overnight parking, please see the hotel front desk. The parkade is regularly patrolled and there are self-paid stations on P3-P5 level. The Hotel is not responsible for any tickets as well as lost or stolen items from vehicles. Street parking is available. Downtown core parking rates will apply

Conference Hotel Accommodation

Book your hotel guest room by ASAP to take advantage of the group rates for the Vancouver Marriott Pinnacle Downtown group rates by logging on to <https://aws.passkey.com/event/14106216/owner/4374/home>. Alternatively, call 1.800.207.4150 or 604.684.1128 to make your reservations. Callers should identify themselves as being with the BC Society of Landscape Architect Group