

# Proven Geosynthetic Solutions And How They Apply In British Columbia



**CHECKMATE  
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International leader in  
the manufacturing and  
distribution of geogrid.  
FlexGrid, RoadGrid,  
RigidGrid.



**TITAN ENVIRONMENTAL  
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Specializes in the supply and  
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Biotic Earth**  
Top supplier of  
erosion control  
blankets, hydraulic  
mulches, and straw  
wattles across  
Canada, US, and  
Central America.

# Join Us For The 2011

# Geosynthetics & Civil Engineering Summit

January 31, 2011, in  
Kelowna, BC.  
@ Coast Capri Hotel,

February 2, 2011, In  
Surrey, BC  
@ Guildford Sheraton  
Hotel

“Credit:APEGBC-1 Professional Development  
Hours (PDH) per hour of lecture attended.”

For Quick Easy Online Registration and Payment go to  
For Kelowna BC <http://2011geosynsummitkelowna.eventbrite.com>  
For Surrey BC <http://2011geosynsummitsurrey.eventbrite.com>

Register Now for the 2011 Geosynthetics and Civil Engineering Summit  
(1)person \$40.00 (2)persons \$70.00 (3)persons \$90.00 Fee Includes Lunch, Refreshments, Snacks,  
Seminar Materials, Door Prizes.

If more than one person is registering please fill out separate forms. If Sending Cheque please address to Checkmate Geosynthetics Canada Inc. Please return registration form located on last page with fee to Checkmate Geosynthetics Canada Inc. Chilliwack Main Stn. PO Box 172, Chilliwack BC V2P.6H7 Phone:(604).392.4404 Fax:(604).648.9342. For All Questions and help with coordinating your arrivals please contact Suzanne Simpson 1(604) 392.4404 or by Email: [suzanne@checkmategeogrid.com](mailto:suzanne@checkmategeogrid.com)  
Agenda and details on Next page.

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# Agenda for the 2011 Geosynthetics & Civil Engineering Summit. “Proven Geosynthetics Solutions and how they apply in British Columbia.”

8:30am Registration

9:00 - 9:15 **Opening remarks**

9:15-10:00 **Lecture -1 Checkmate**

Title: “The benefits of using geogrid and geocomposites in Roadway and Highway Systems.

Major Contents: Base reinforcement over soft and saturated soils, heavy duty pavements, reinforced soil walls, and steep slope stabilization for highway systems”

**Speaker: Sam Bhat (M.Eng); VP Global Business Development:** specialized in the interdisciplinary engineering stream and served the geosynthetics Industry for the past 20 years for the global market place. Having extensive technical experience with using geosynthetic solutions for a wide range of geotechnical applications in Asia, Middle East, Europe and Americas.

10:00-10:45 **Lecture -2 Titan Environmental**

Title: “Geosynthetic Solutions which minimize the effect of human development activities on the environment.”

**Speaker: Paula Woodruff: Sales manager** - Over 6 years of experience in the Geosynthetics industry. Major Contents: Supply, Installation and benefits of Geomembrane, Geotextiles, Bolted Steel Tanks and Geotubes. Containment solutions for the mining, environmental, civil works and construction industries.

10:45-11:00 **BREAK**

11:00-11:30 **Guest Speaker: Ed Gohl, Quality Director Port Mann/Highway 1 Project**

Title: soft soils and the use of geosynthetics to mitigate.

11:30-12:15 **Lecture -3 ( Erosion Control Blankets/ Verdoyl )**

Title: “The benefits of biotic soil builders for critical sites: better business, improved soil, and stronger vegetation”

**Speaker: Roy J. Nelsen, CPESC, Soil Scientist; VP Technology:** specialized in erosion Control and vegetation establishment. Served the erosion control and re-vegetation Industry for the past 17 years both nationally and internationally and has been involved with numerous projects from design through implementation.

Major contents: How the introduction of specific amounts of various organic and soil chemistry materials through the use of HGMs ( Hydraulic growth medium) improve poor, non-native soils low in organics and soil structure. Utilizing HGM's provide effective soil building, rapid and sustainable vegetation establishment, effective protection; and the improved economic feasibility of the businesses.

12:15-1:00 **LUNCH**

1:00-1:45

**Lecture -4 (Checkmate)**

Title: "Green MSE Wall Solutions and Posilock System"

**Speaker: Bruce Stickney, Sales Manager, 20+ years experience in the retaining wall industry in North America.** Major Contents: Green facing System for the geogrid reinforced soil walls thereby preserving the natural habitat and environment. Specialized wire cage facing ( Posilock system ) used for MSE(Mechanically Stabilized earth ) walls and Retaining soils.

1:45-2:30

**Lecture -5 (Checkmate) :**

Title: "Geosynthetics Solutions for Asphalt Pavements"

**Speaker: Sam Bhat (M.Eng) ; VP Global Business Development**

Major contents: Geosynthetic reinforcement benefits for asphalt pavements subjected to heavy and or sustained loadings. Control of Reflection Cracking and rutting of Airport runways, roads and highways. Increase the Fatigue Life of Bituminous pavements and Reduction of the overlay asphalt thickness using geosynthetic solutions.

2:30-3:00

**Closing Remarks**

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**Registration And Payment Form by Credit Card or Cheque.**

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