

# Innovation Through Value Analysis!

## A Best Practice for the 21st Century

***Considering joining us at the CSVA conference in Toronto? Be sure to take advantage of these exceptional opportunities to enhance your knowledge of Value Analysis and related Best Practices***

The 2011 Canadian Society of Value Analysis Conference: [Innovation Through Value Analysis! - A Best Practice for the 21st Century](#), will take place in Toronto November 14th-16th. This is an opportunity for project and program managers, industry and government leaders, and anyone interested in new innovative solutions to the delivery of priority programs in an environment of competition and constrained resources.

This year, conference attendees will hear first hand from Michael Dallas, the lead author for the British Cabinet Office's new [Management of Value - MoV<sup>tm</sup>](#) initiative. Michael will describe how MoV<sup>tm</sup> is a key component of the Cabinet Office Best Management Practice for the management of portfolios, programmes, projects, risk and service management. This is a unique opportunity for anyone involved in project or portfolio management to hear about this important British advancement.

The conference will also highlight VA in organizational reviews and how Value Analysis and Risk Analysis are applied to infrastructure projects delivered through P3, Design/Build and traditional Design/Bid/Build.

In addition to the exceptional conference [program](#), this year's conference features a number of outstanding [training](#) opportunities.

Those new to Value Analysis may wish to participate in the Ministry of Transportation's award winning training program, [Value Analysis in Action](#). This one-day training introductory course will be presented on Monday November 14th, and will provide participants with a sound understanding of Value Analysis; what it is, how it works, and how it can be applied in your organization. Participation in this training will ensure those new to VA will obtain maximum benefit from their participation at this conference. If you are already familiar with VA, you may wish to attend a one hour ***Introduction to Risk Management*** training session to prepare you for a number of presentations discussing *Risk Management* and *Cost Risk Assessment*.

Following the conference, take advantage of one of these course options, presented by leading practitioners:

### **[Enhanced Brainstorming using TRIZ \(Theory of Inventive Problem Solving\)](#)**

This two day workshop will provide a structured approach to brainstorming that is based on the fundamentals of TRIZ. TRIZ is the Russian acronym for Theory of Inventive Problem Solving. In this hand-on training session you will learn:

- The basic principles of TRIZ and the process for applying the tool
- How to uncover hidden opportunities for improvement
- How to use inventive principles to spark creative thinking
- The basics of how to use one software tool to assist in this process.

The benefit of this approach is to break down psychological inertia by applying a structured set of abstract solution principles to the functions resulting in more innovative ideas generated in less time. Participants will have use of the software for 30 days to help solidify what is covered in the workshop, and to provide an opportunity to practice implementation back on the job.

### **[Cost Risk Assessment](#)**

The use of Risk Analysis and Risk Management techniques provides a management platform for proactively controlling risks and uncertainties facing project owners and contractors alike. This one-day course will cover all facets of Risk Analysis and Risk Management. Topics covered will range from integrating Risk Management into everyday management practice, developing an effective risk management framework, qualitatively and quantitatively analyzing risk, observing economic uncertainties, developing a Risk Management Plan, to implementing active risk monitoring and control measures. Participants will be trained on using the *Washington State Risk Modelling Tool* (Excel Spreadsheet).

### **[Value Engineering Module II](#)**

This 24 hour course SAVE-International approved course is a prerequisite for those wanting to advance their knowledge of Value Analysis including those interested in leading Value Studies, managing Value Programs, or becoming a credentialed VA/VE practitioner. This presentation is a unique opportunity to attend Mod II in Canada.

### **[Using Functional Performance Specifications for Improved Decision-Making](#)**

Learn how Functional Performance Specification, uses Value Analysis to define the client's needs that a product, project or service must satisfy. The FPS is then used by the development team to make sure they are always on track with the needs. Short exercises will be used to demonstrate the power of the FPS in product/service development as well as in procurement.

Whether you are brand new to VA, or an experienced VA user, your participation at the 2011 CSVA Conference and these training opportunities will provide you with

tools, strategies, and knowledge that you can put to use in your organization immediately!

Please visit the [2011 CSVA Conference website](#), to learn more about the conference, and the full range of available training opportunities program and registration.

***We look forward to meeting you there!***