



**PROJECT AND PROGRAM MANAGEMENT SYMPOSIUM**  
◦ **Better Management** ◦ **Better Projects**

**Ms Melissa Cyrulik**

**Joint Agency Cost Schedule Risk Uncertainty Handbook (JA CSRUH)**

### **Masterclass Overview**

The Joint Agency Cost Schedule Risk Uncertainty Handbook (JA CSRUH) describes the best practice techniques to model cost estimating uncertainty in order to calculate and report cost risk. Cost analysts supporting the DoD and NASA look to this handbook as the authoritative document outlining the processes and procedures for performing cost and schedule risk and uncertainty analysis in support of life cycle cost estimates for major acquisition programs. This Master Class reviews the main principles of the handbook and introduces techniques for identifying sources of uncertainty, collecting uncertainty data, distribution guidelines, applying uncertainty to models, avoiding duplication of uncertainty, and analyzing and reporting uncertainty simulation results. This session will enable cost estimators to capture uncertainty in their next estimate and modeling project.