

## **Watercourse Projects, Lessons Learned**

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During 27 years of professional experience planning, designing, supervising construction and conducting post construction evaluations and monitoring, a wide range of lessons have been learned. Topics covered in the presentation include understanding projects in a broader watershed context, site appropriate solutions, sediment and erosion control, reconnecting floodplains, soil bioengineering methods, construction work methods, use of riprap, geotextiles, planting and seeding methods, plant maintenance, and salvaging natural materials.

### **Biography**

Julie Mulligan is a landscape architect and a biologist with over 35 years of experience. She holds a Master of Science in Biology from the University of Ottawa and a Bachelor of Landscape Architecture from the University of Toronto. Julie is currently working with Stantec Consulting in Ottawa after having previously worked for 21 years in private practice in the early part of her career, followed by 15 years as a project manager with the National Capital Commission. She has specializations in stream and slope restoration, stormwater management, soil bioengineering, urban forestry and planting design.