

AGENDA Day 3

Managing Uncertainty with Systematic Planning: (Developing Defensible Sample Designs for Environmental Decision-Making)

8:00 AM to 5:00 PM

8:00 AM – 8:15 AM **Module 13: Introduction, Objectives, & Agenda**

Presenter: Sebastian Tindall

This module briefly discusses the DOE and EPA missions to institutionalize a Systematic Planning Process throughout the DOE complex and provides an overview and presents the day's agenda and the objectives of each of today's 9 modules and 2 exercises.

8:15 AM – 9:15 AM **Module 14: The Systematic Planning Process (Step 6)**

Presenter: Sebastian Tindall

The presentation of the Planning Process, in detail, is continued. Step 6 is covered in this session.

9:15 AM – 10:00 AM **Module 15: The Systematic Planning Process (Step 7)**

Presenter: Sebastian Tindall

The presentation of the Planning Process, in detail, is continued. Step 7 is covered in this session.

10:00 AM – 10:15 AM **Morning Break**

10:15 AM – 11:00 PM **Module 16: Systematic Planning Process: Case Study – Step 1**

Presenter: Sebastian Tindall

A case study based on the Planning Process is presented. Step 1 is covered in this module.

11:00 AM – 11:30 AM **Module 17: Systematic Planning Process: Case Study – Steps 2, 3, 4, 5, & 6**

Presenter: Sebastian Tindall

A case study based on the Planning Process is presented. Steps 2-6 are covered in this module.

11:30 AM – 12:30 PM **LUNCH BREAK**

12:30 PM – 1:30 PM **Module 18: Systematic Planning Process: Case Study – Step 7**

Presenter: Sebastian Tindall

A case study based on the Planning Process is presented. Step 7 is covered in this module

1:30 PM – 1:45 PM **1st Afternoon Break**

1:45 PM – 3:00 PM **Module 19: Introduction to Visual Software: VSP, VSS, VDQA, ProUCL.**

Presenter: Sebastian Tindall

The development of a sample plan involves evaluating trade-offs between decision error, sampling costs, and remediation costs. Visual Sample Plan software provides a quick and easy way to visualize the impacts of various sample designs. Visual Sample Size, Visual Data Quality Assessment (VDQA) and ProUCL will be demonstrated.

3:00 PM – 3:15 PM **2nd Afternoon Break**

3:15 PM – 4:00 PM Module 20: Planning Implementation Process Flow and Wall Charts

Presenter: Sebastian Tindall

The work process flow diagram for implementing the Planning Process is discussed. Pivotal elements of this process are getting the key decision-makers involved both early and often, and keeping meetings to a minimum.

4:00 PM – 4:15 PM Module 21: QE3C Systematic Planning Web Site

Presenter: Sebastian Tindall

This module takes the class on a tour of the QE3C Web Site, displaying and demonstrating the many materials and tools developed to support the Planning Process.

4:15 PM – 4:30 PM Module 22: Closing Remarks

Presenter: Sebastian Tindall

Key points to remember are summarized in this module. They all highlight how the Planning Process helps you create order out of the chaos of regulations and requirements that surround collecting and analyzing environmental data and lead you to defensible decision-making.