

# Chapt 5: Sampling and Analysis Plan (SAP)

“Formally Known as Chapter 6”

# **The purposes of SAP include the following:**

**Defining the objectives and scope of the sampling program,**

**Defining the conceptual site model,**

**Ensure communication among participating groups, and**

**Ensure agreement on methods, quality assurance/quality control (QA/QC) details, and contingency planning.**

# **CHANGES**

**Includes (Dredging Projects)**

**Includes (Contaminated Sediment [CS]  
Projects)**

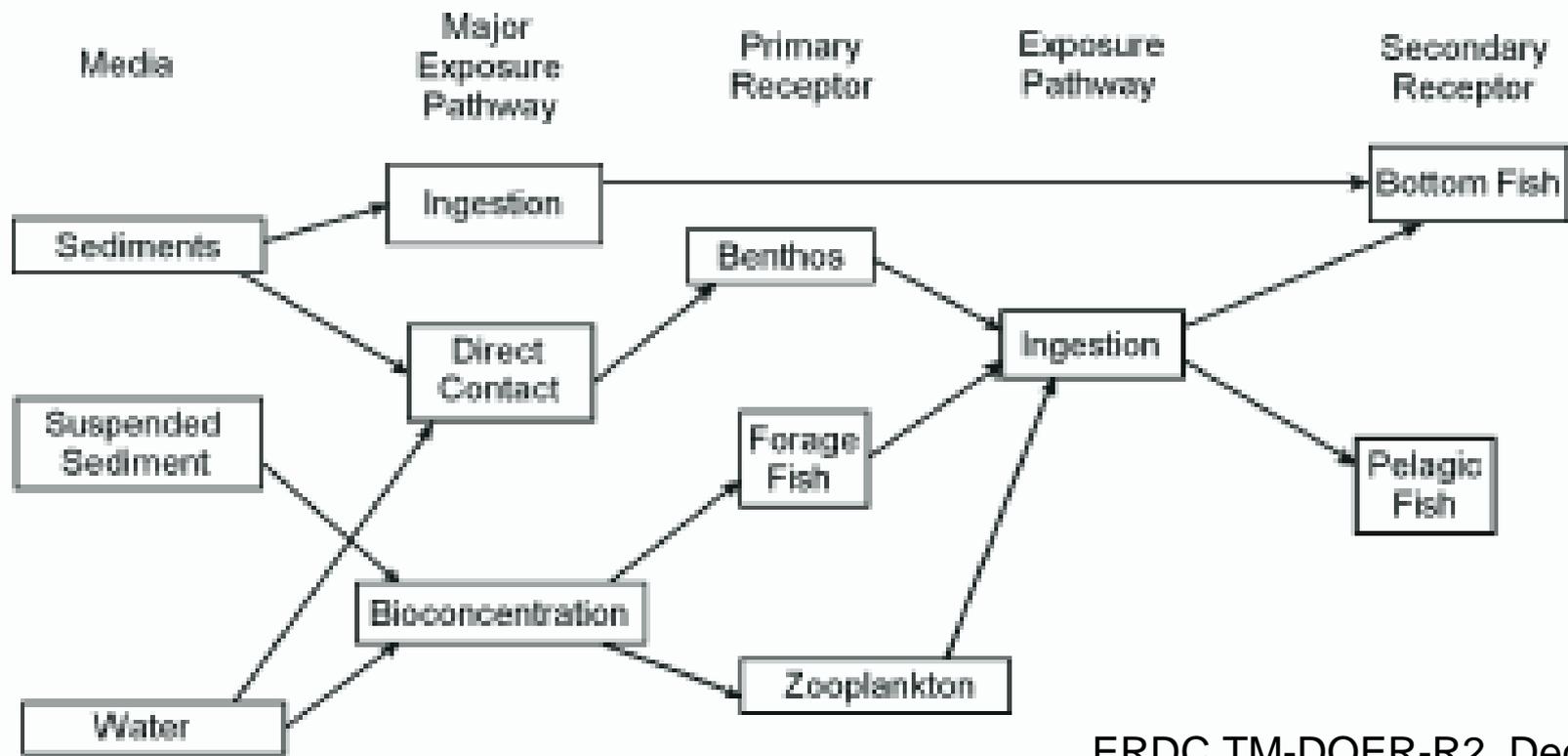
**Conceptual Site Model (CSM)**

# TEXT EXAMPLE

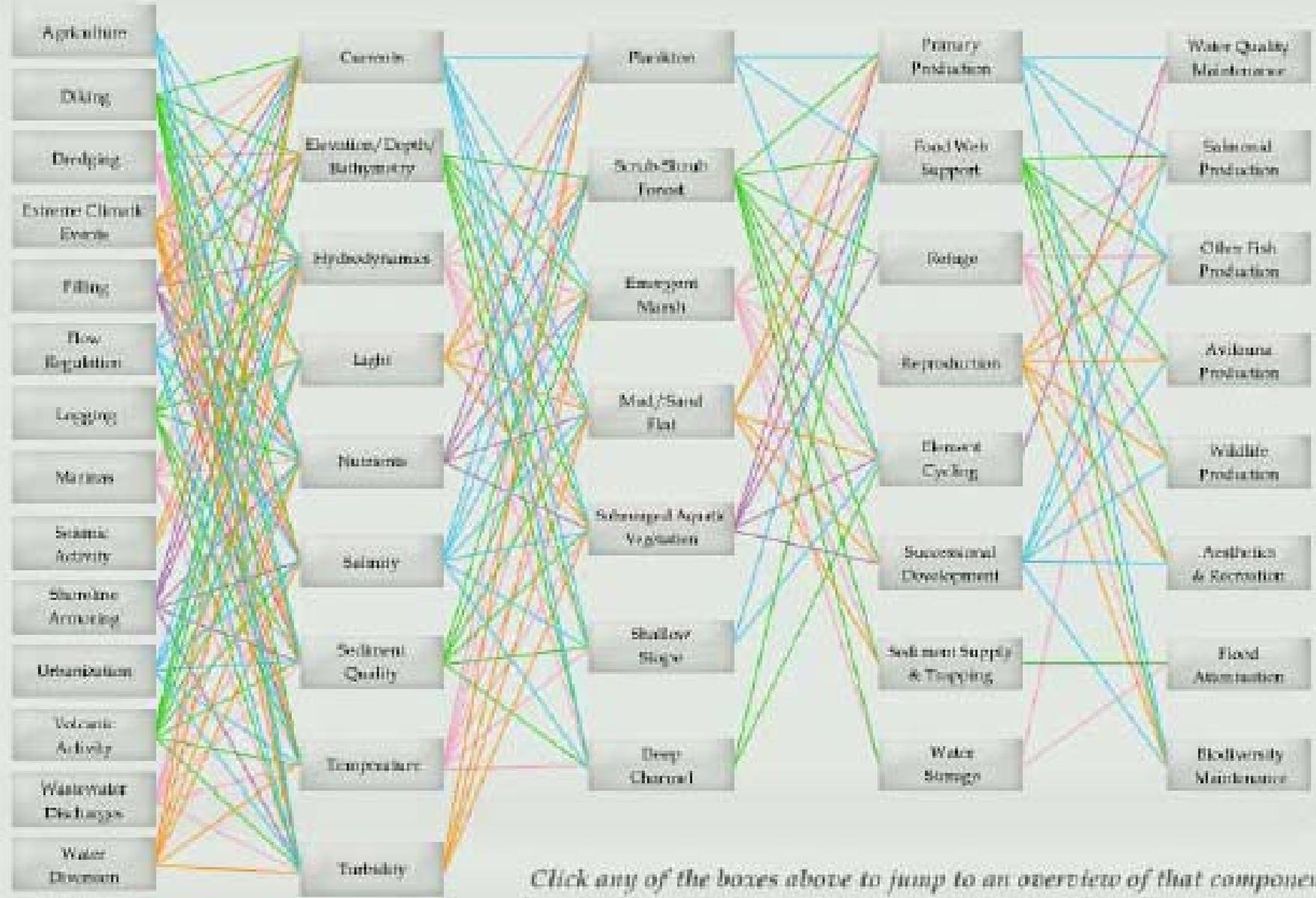
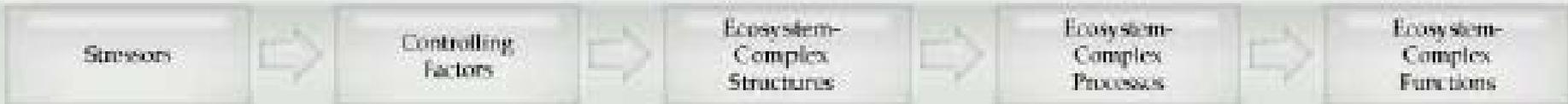
**Project Description (Dredge Project):** A project description includes a plan view of the site, a description of the action intended. It is also recommended that a proposed disposal location (e.g., unconfined or confined in-water or upland) be identified in order for RSET to comment on the adequacy of the SAP to meet proposed project goals.

**Project Description (Contaminated Sediment [CS] Project):** A project description includes a plan view of the site and a description of the action intended. It is also important to identify all areas of potential concern so that the sediment characterization is as effective and complete as possible.

# Implementation of Dredging Risk Assessment Modeling Applications for Evaluation of the No-Action Scenario and Dredging Impacts



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*Click any of the boxes above to jump to an overview of that component*

# "FREQUENCY OF DREDGING" GUIDELINE

- Frequently Dredged Projects
- Routine and Rapid Buildup of Shoals
- Relatively Homogeneous Sediments
- Quality Stays the Same for Successive Years Barring any Significant Changes
- Two Successive Rounds of Testing
- 2 Year for High, 5 for Moderate, 6 for Low-moderate, and 7 for Low Ranked Areas

# "REGENCY OF DATA" GUIDELINE

- Duration of Time Testing Data is Considered Adequate to make a Suitability Determination
- Exclusionary 10 Years
- Low 7 Years
- Low-moderate 6 Years
- Moderate 5 Years
- High 2 Years
- Does not Apply When Known Conditions have Changed!

# SAMPLING AND ANALYSIS CONSIDERATIONS FOR SPECIAL CASES

- Establishment of Exclusionary Status
- Confirmation of Project Ranking
- Rapid Shoaling Events
- Exception for Small Projects
- New Sediment Surface Exposed by Dredging