**Development of Decision Support Tools**

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**AGENCY PROBLEM:**
A number of federal and state agencies are concerned about developing decision tools to assess the health and integrity of estuarine and river ecosystems. These agencies rely on local data collected by biologists and scientists, often using different methods and data formats. There is a need for a comprehensive approach to develop and implement decision tools that can be used to assess the health of estuarine and river ecosystems.

**RESEARCH GOALS:**
- Data collection and analysis for identifying nutrient sources and effects
- Development of decision tools for nutrient management
- Evaluation of decision tools in real-world applications

**DIAGNOSTIC TOOLS**

**APPROACH**
- Using Bayesian methods to identify and assess nutrient sources and effects
- Developing decision support tools for nutrient management

**RESULTS**
- Identification of nutrient sources and effects in Narragansett Bay
- Development of decision tools for nutrient management
- Evaluation of decision tools in real-world applications

**FUTURE DIRECTIONS**
- Development of decision tools for other estuaries and river systems
- Further refinement and testing of decision tools
- Implementation of decision tools in management plans

**REFERENCES**

**DIAGNOSTIC TOOLS**

**METALS**
- Identification of metal sources and effects
- Development of decision tools for metal management

**FUTURE DIRECTIONS**
- Development of decision tools for other metals
- Further refinement and testing of decision tools
- Implementation of decision tools in management plans

**REFERENCES**