USGS Science Supporting Landscape Approaches to Natural Resource Management

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Multi-Resource Analysis Concept

Key Components:

• Integrates baseline information across multiple natural resources

• Explicitly considers change

• Specific scenarios are developed and evaluated
What Awaits and Challenges to Consider

Consider and incorporate change into decision-relevant products?

Express the impacts of land-use and climate change, urbanization, and resource extraction across multiple natural resources?

Describe the interrelationships across multiple natural resources?

Develop functional relationships that quantify the impacts to multiple natural resources given a disturbance to one resource?

Consider consequences to humans along with biophysical consequences?

Value diverse impacts across multiple natural resources so that we can consider comparisons and tradeoffs?

Identify scenarios and what types of scenarios are most useful to decision makers?

Include scenario analysis in future resource assessment products?