Some Analytic Tools

Social Process Mapping

Decision Process Mapping

Problem Orientation

Social Process

Participants

Perspectives   **Expectations**
                 Demands
                 Identifications –
                       Myth (*Doctrine, Formula, Miranda*)

Situations   **Biophysical**
               Institution
               Crisis vs intercrisis

Values

Strategies   **Persuasive**
               Coercive

Outcomes   **Values accumulated or lost**
               Decisions made

Effects   **Values accumulated or lost**
             Institutional practices
             Innovations diffused or restricted
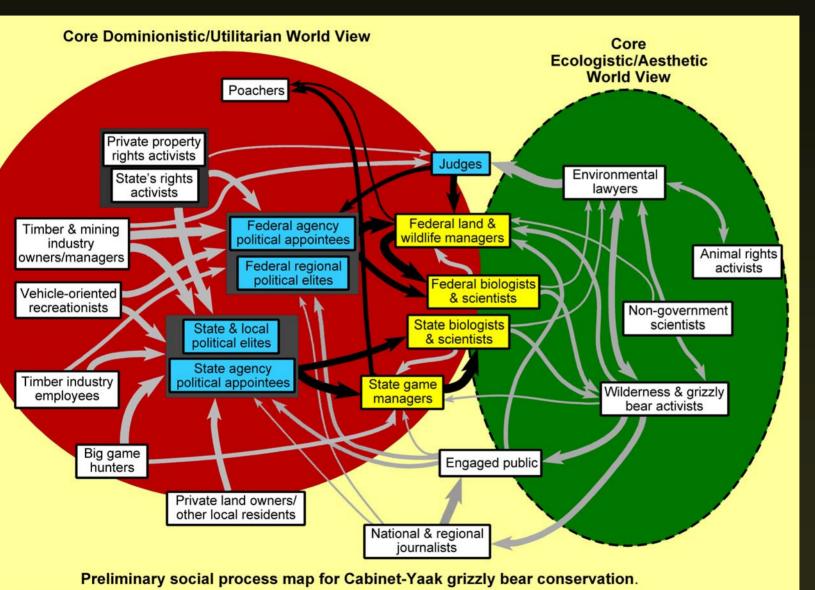
Social Process

Perspectives

Negativistic
Dominionistic Utilitarian

Scientistic Ecologistic

Moralistic Humanistic

Naturalistic Aesthetic

Nature-views

Stephen Kellert

Social Process

Core Dominionistic/Utilitarian World View

Core Ecologistic/Aesthetic World View

Poachers

Private property rights activists

State's rights activists

Timber & mining industry owners/managers

Vehicle-oriented recreationists

Timber industry employees

Big game hunters

Private land owners/ other local residents

Judges

Federal agency political appointees

Federal regional political elites

State & local political elites

State agency political appointees

Federal land & wildlife managers

Federal biologists & scientists

State biologists & scientists

State game managers

Environmental lawyers

Animal rights activists

Non-government scientists

Wilderness & grizzly bear activists

Engaged public

National & regional journalists

Preliminary social process map for Cabinet-Yaak grizzly bear conservation.

Black lines denote primarily coercive influences; gray lines denote primarily persuasive influences

Decision Process

Intelligence

Promotion

Prescription

Invocation

Application

Appraisal

Termination

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Produces a shared believed-in (single-text) "map" of how the world works, sufficient to identify and secure common interests.

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Produces a shared believed-in (single-text) "map" of how the world works, _sufficient_ to identify and secure common interests.

Participatory   Empirical
Accessible   _(warranted)_
Understandable   _("reliable")_
Comprehensive
Relevant
Cost-effective
Timely

Decision Process

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Produces a shared believed-in (single-text) "map" of how the world works, _sufficient_ to identify and secure common interests.

Participatory   Empirical

Accessible   *(warranted)*

Understandable   *"reliable")*

Comprehensi...

Relevant

Cost-effective

Timely

SUFFICIENT

Decision Process

Intelligence
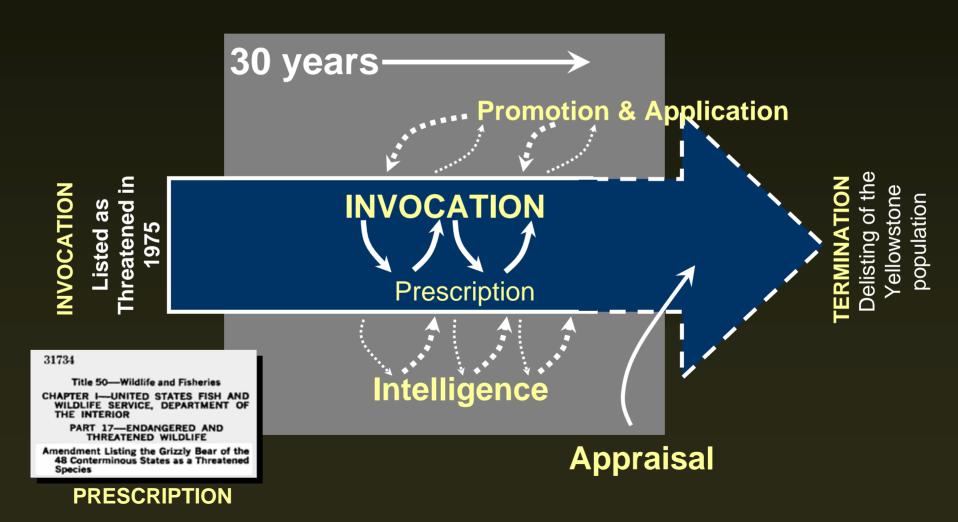
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In the sense of military intelligence…

Insight sufficient to achieve the aims of those involved in a particular place and time; based on evidence and analysis, and *potentially* entailing science.

Problem Orientation

Clarifying goals

Describing trends

Analyzing conditions

Projecting trends

**Inventing, evaluating
& selecting alternatives**

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