

# Alternative futures: Have EPA projects made a difference?

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### What are alternative futures assessments?

A process by which to evaluate potential changes to land and water use, where

Two or more alternative landscape-scale scenarios are The alternatives are represented spatially in maps and

One or more measurements of important social and

environmental goals are made, The alternatives are compared using the measurements.

### Development of scenarios

Defining scenario assumptions with Stakeholder groups: m ore conventional and

plausible scenarios. Technical experts: m ore applied science and

engineering in scenarios, Academics: more innovation and variability in

Synthesizing scenarios from multiple viewpoints:

Choosing types of scenarios by Intensity of human development, ranging from less

Special features or themes, e.g., growth policies, restoration potential, transportation;

Characterizing human population change by Assuming constant growth in all scenarios, but varying spatial density, or Varying growth or decline across scenarios.

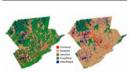
### Lessons learned:

Projects are more likely to influence decisions and actions

Have continuing EPA involvement; Are smaller in geographical area;

Are located in a single political jurisdiction; Have substantial local concern about issues.

### Monroe County (1993-1995)



Location and size of project area: A rectorgalar area 50 by 134 km, or 10,720 sq km, communding Cump Pendieno Marine Cusp Base include nontrons of Creame. Everyolds, and San Dieso Counter in southern California.

Environmental streece and leases: Unbasis or for leading to innoces on wildlife, hydrology, and wildline potential



### Muddy Creek (1995-1997)

scation and size of project area: Families of 230 as kin in the santwomen part of the Williamette River Rasin, in women Orogon

## Example Projects

Willamette River Basin (1997-2001)

### Iowa Watershede / 1997-2000)

### Blockborry Crock (2001-2003)

mulating development of similar projects in the Cuyahoga River Rusin of Ohio, the Milwaukee River Rusin Wisconsin, and Great Salt Lake review of Utah.

