Receiving Stimulus, Need Prioritization Strategies?

NetMap tools and watershed databases were designed specifically to support creation of prioritization strategies over large geographic areas (national forests, landscapes, states) involving entire forests, river networks and road systems. NetMap can create prioritization strategies within a whole watershed context.

Examples of prioritization strategies that can be created using NetMap:

- ✓ **Prioritize Habitat Restoration and Protection**
  -Identify the best intrinsic habitats or most sensitive habitats
  -Identify risky areas for in-channel projects
  -Identify potential biological hotspots and their juxtaposition with land uses

- ✓ **Prioritize Road Maintenance, Restoration and Abandonment**
  -Classify road segments by habitat quality and sensitivity
  -Calculate cumulative habitat quality and abundance above each road crossing
  -Stratify roads by their erosion and drainage diversion potential (surface and mass wasting)

- ✓ **Prioritize Forest Thinning to Reduce Fire Intensity and Water Quality Impacts (pre-fire management)**
  -Predict consequences of fire risk/intensity on water quality & fisheries
  -Conduct sensitivity analyses of fire-erosion potential to prioritize projects
  -Prioritize road maintenance/restoration in areas of high fire risk, high erosion potential and high quality habitats

- ✓ **Prioritize Post Fire Restoration (BAER)**
  -Identify area of highest erosion potential
  -Identify areas of greatest habitat sensitivity
  -Identify road segments most prone to drainage diversion and erosion
  -Locate best areas for salvage

Refer to the "Applications" page on NetMap's website for additional illustrative examples.

In areas of Existing NetMap coverage, simply register and download tools and databases. In areas without coverage, contact ESI to extend watershed databases.