

## Appendix I

*Qualitative Needs Assessment Survey Results –  
(a summary of qualitative responses received on the survey shown in Appendix G)*

### I. Organizational Needs

2.a Strategies to cover or reduce indirect operating expenses (our indirect expense is approx. \_\_\_\_\_%)

- 10%
- 15%

### II. Data Needs

#### 1.a Support for monitoring environmental parameters. Which parameters?

- Biological (birds/mammals/plants) for easements and hydrological for land
- Kelp bed health
- Ocean water quality
- Water quality
- Water quality
- Marine, PISCO (rocky intertidal/sand habitat)
- Trend – physical (LiDAR), biological (rocky intertidal using Marine protocol), water quality (sediment, temp. at river mouth)
- Temp., salinity, turbidity, oxygen, chlorophyll
- conservation, slowing “multiple use”
- water quality (pH & pollution from septic tank leach fields)
- water quality & coastal streams assessment for Lake Earl watershed
- stream sedimentation from roads
- water quality, biological productivity
- water quality, fish, inverts, riparian area
- forest regrowth – regeneration & aquatic health
- stream channel cross-sections; aquatics
- sedimentation, sensitive species, exotics
- rainfall, stream flow, erosion/sedimentation, fish

1.b Assistance with designing **monitoring** or **research** protocols and programs (**please circle bold**)

- monitoring
- research
- monitoring (regional need)
- research
- research
- monitoring
- monitoring (marine)
- monitoring
- monitoring
- monitoring

- monitoring & research
- research
- monitoring & research
- monitoring

1.c Necessary supplies or equipment for **existing/new** monitoring or research (**please circle bold**).

- existing
- new
- new
- new
- existing & new
- new
- new
- new

**1.d Increased research on...**

- marine birds/mammals on offshore rocks
- sedimentation rate of bay over time
- ocean fauna
- connectivity & variability in estuarine habitat (terrestrial & marine)
- ID marine environmental parameters to monitor: water quality, sediment currents, sea level rise (when & how much)
- watershed restoration/fish habitat
- salmonid population estimates
- coastal cutthroat genetics (Lake Earl Lagood Trips)
- marine ..... (needs) can not read Chris Howard's handwriting
- wildlife, ecological relationships
- coastal rubbish & starvation of shore birds
- fish pops/restoration effectiveness
- estuarine processes
- exotic invasive species removal
- cumulative effects
- resource/population balance & sustainability

1.e Coordination of monitoring and research within a specific geographic area – Where?

- offshore rocks from OR to Pt. Arena
- Coastal to offshore
- Humboldt Bay
- Trinidad Plateau/North Coast
- HSU? NOAA HBHRD
- Redwood ASBS (for organizational need) & N.C. Region (for regional need)
- Humboldt County
- Del Norte/Humboldt Counties
- Smith R.
- Del Norte
- Del Norte Co. offshore rocks/islands

- Smith R. HU
- Big R. watershed
- between Westport & Pt. Arena
- Mendocino Coast
- Mattole River, .....? can not read Richard Gienger's writing

### 3.b Additional Spatial Data on (please list needs)

- all coastal habitats of Del Norte, Humboldt, Mendocino
- inventory for small scale conservation planning
- economics of clean water, healthy watersheds
- marine habitat
- marine habitat mapping
- various marine habitats
- bathymetry
- fisheries resources & land ownership
- steelhead abundance (site specific)
- marine estuarine resources
- 10m. DEMs for site-specific elevations/ fine-scale bathymetry

### 3.i An entity that can develop up-to-date, accurate data layers for a diversity of groups

- Green Info. for North Coast

Other notes: The Nor.Cal coast is a international treasure see Dave & Christine Throgmorton mapping of coastal and adjacent areas

## III. Social-Political Needs

### 1.a Improved **communication** with conservation partners. My org. needs this with:

- organization/agencies with grant opportunities
- landowners/neighbors
- state/fed agencies, tribes, nonprofits, etc.
- other land trusts in the area
- others in service area
- Mendo Land Trust, state parks, CNPS, Audubon
- agencies and nonprofits
- various
- possible funding sources
- do pretty well here

### 1.b Improved collaboration with conservation partners (i.e., state/fed agencies, tribes, nonprofits, etc.) My org. needs this with:

- non-profit organizations wanting to do projects on BLM land
- Humboldt Bay, Eureka, Arcata, Harbor District
- state/fed agencies, tribes, nonprofits, etc.
- state/fed agencies, tribes, nonprofits, etc.\
- 1) conservation entities (local/regional) working together (priorities); 2) matching funds

- CDFG
- agencies and land trusts
- others in service area
- CalTrans
- various
- Yurok/Tolowa, Tribes/Green Diamond
- timber companies & county/city planning
- entities working outside Del Norte County
- assistance w/ transport of birds to other agencies
- do pretty well here

1.d A “one-stop shop” to ID government programs and assistance  
 ○ and non-profit grant organizations

**1.f Development of regional funding mechanism (e.g. Open Space Dist., North Coast Conservancy)**

- County Open Space District

**2.a Improved incentives for landowners to conduct conservation activities on their land.**

- e.g. conservation easements

**2.b Improved incentives for resource users**

- for fishermen – monofilament & deliberate killing
- to practice conservation?

**2.e Improved tracking and implementation of marine/coastal policy (local/state/federal)**

- state/federal
- local/state
- state
- state
- state/federal

**2.f Programmatic permits for specific types of conservation projects or geographic regions**

- coordinated permitting

**IV. Outreach and Education Needs**

**1.a Improved public access to sig. areas/projects (map prod., access, etc)**

- we need mapping of coastal areas

**1.e Support/assist with K-12 ed. programs**

- make that K-16

**2.a Assistance with outreach products to connect community to place (land and ocean).**

- technical assistance

## 2.c Assistance with outreach products to increase awareness of the spiritual and historic context of the land and ocean

- tribal knowledge is key

## V. Training and Technology Needs

### 2.a Field Equipment

- shovels, hand tools, chainsaw
- High-end GPS
- water quality monitoring

### 2.b Vehicles (i.e. trucks and boats)

- trucks
- ATV

### 3.a GIS software

- extensions
- available from ESRI to nonprofits

### 3.b Other Software needs?

- Desk top publishing
- publication software/expertise
- database management
- Arc Map
- parcel quest

### 3.c New computer hardware

- upgrades
- mapping ?

### 5.d Habitat restoration **design, implementation, and/or monitoring**:

- monitoring
- monitoring
- design, monitoring
- design, implementation
- design, implementation, monitoring
- design
- design, monitoring
- monitoring
- monitoring

### 5.h Process Skills – **facilitation, negotiation, project evaluation** (circle bold)

- facilitation
- project evaluation
- facilitation, negotiation, project evaluation
- project eval

5.i Coastal and marine conservation applications in **GIS/remote sensing**

- remote sensing
- GIS
- GIS
- GIS
- remote sensing
- GIS , remote sensing
- remote sensing
- GIS
- GIS, remote sensing

5.j **Contracting, MOUs, Cooperative Agreements, Prevailing Wage** (circle bold)

- remote sensing
- MOUs
- contracting
- contracting, MOUs, cooperative agreements
- all of the above
- prevailing wages

5.n Other:

- Board education/Conservation easements
- professional staff positions
- rehabilitation skills

**text** = identified as priority needs