

Data collaboration, collection, and visualization

For the Lower Coquille Climate
Change Vulnerability Assessment

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Overview

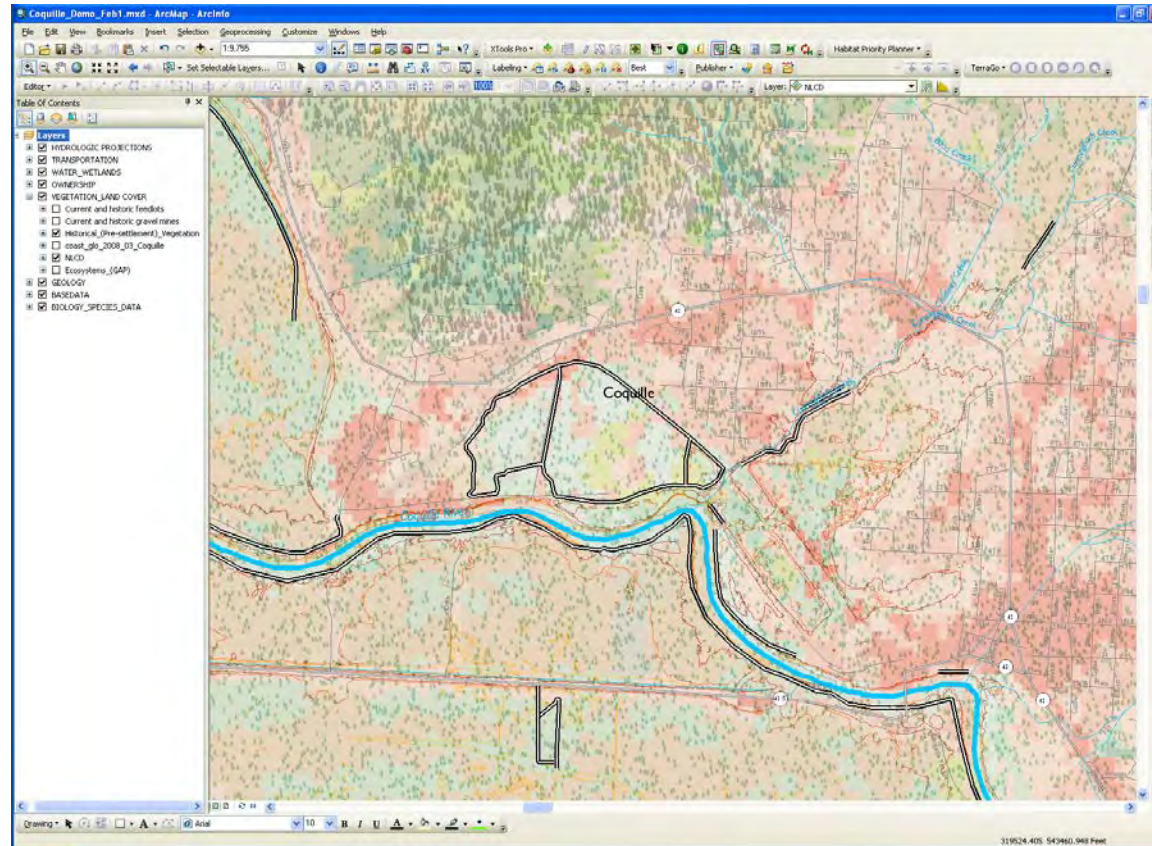
- Collection and packaging of information
- Discussion of project data



Plantings in former cranberry bog, Smith Tract, Bandon Marsh NWR
Credit: Bill Bridgeland, USFWS Region I

Project data introduction

- Collecting, Culling, and Calculating



Map demo in ArcReader

Data we have in interactive maps

- Roads, from highway to forest
- Streams at two scales
- Tide gates, levees, levee-protected lands, diking/drainage districts
- Salmon habitat
- National Wetland Inventory (all types and declining types)
- Extent and classification of tidal wetlands
- Tribal, Federal, State, County and private conservation ownership
- Conservation easements
- Selected towns and urban growth boundaries
- Historical vegetation
- Land cover and land use (NLCD and GAP)
- Soil types, erosion potential, landslide density
- Current and historic dam sites, animal feedlots and gravel mining operations
- Contour lines at 5, 10, and 15 feet for lower estuary
- Hydrologic flow projections for years 2040 and 2080 compared to historic conditions

Data we plan to add

- Species habitat quality
- Sea Level Affecting Marshes Model (SLAMM)
- Other climate-related stream data
- More detailed soil information
- 303(d) listed streams

... and most important, data that you value in formulating a vulnerability assessment.

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Questions? Suggestions?



Bandon Marsh Spur Trail
Credit: David Ledig, USFWS Region 1