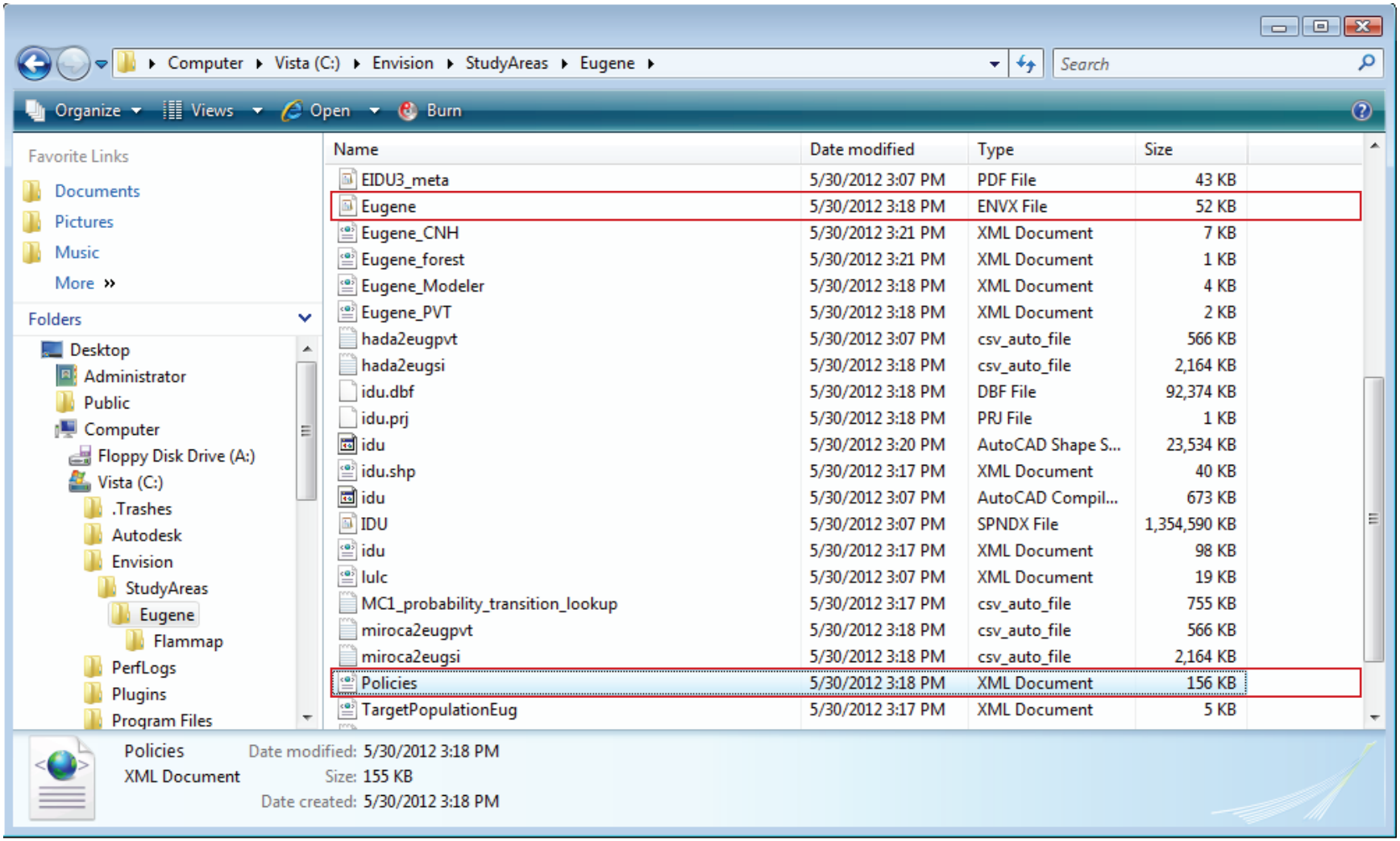
ENVISION: TUTORIAL 2

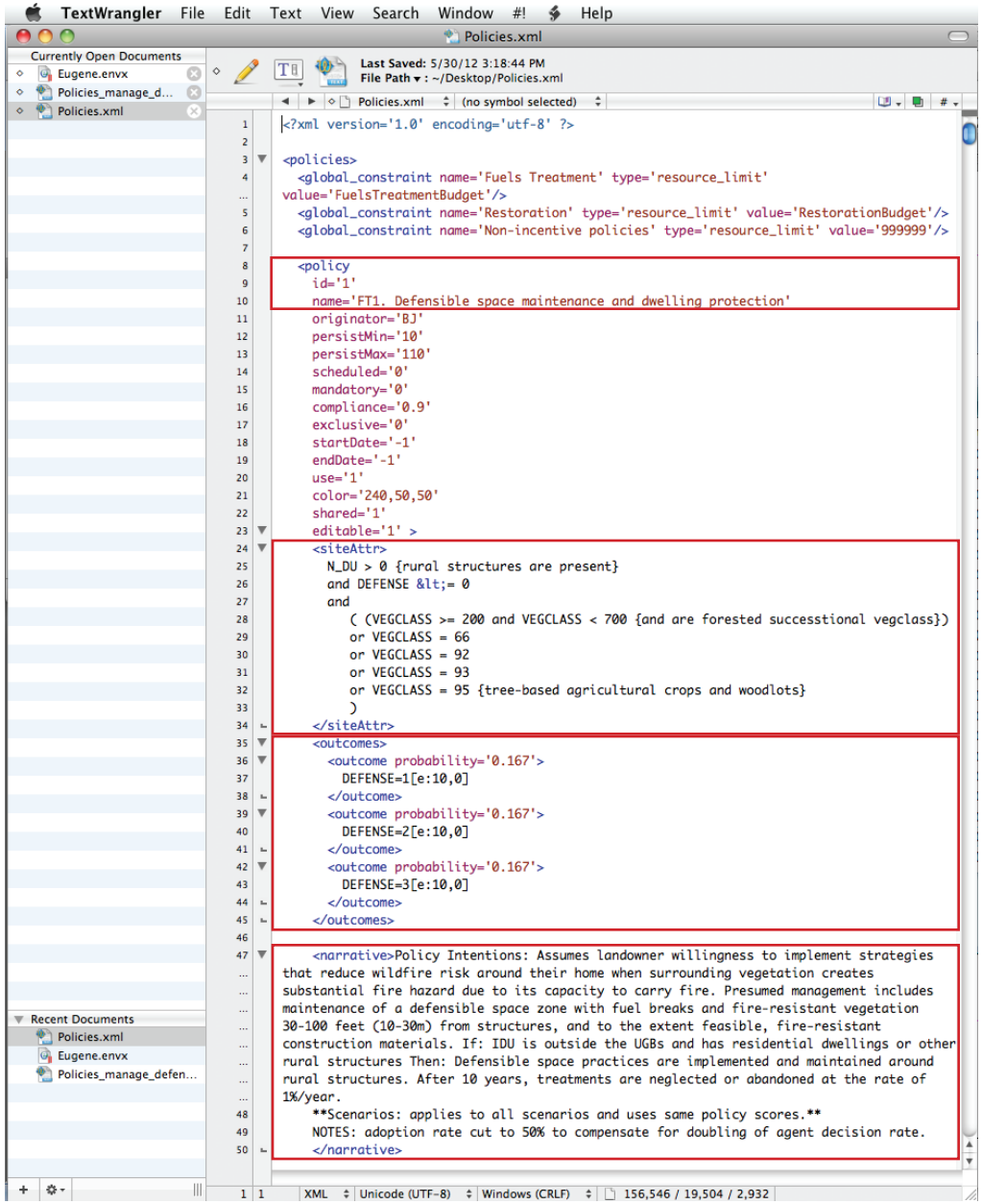
What can/should be modified in ENVISION?

For selected policies, you can modify: site attributes (where in the landscape it can apply, i.e. specific IDU characteristics like low slope or not wetlands), outcomes (what happens when the policy is applied, does the vegetation type change and does the change expand into neighboring IDUs?) and adoption rates (controlled in a number of ways, one is to increase the value of the scores in the Policy.xml file). You may also choose to change things like budget amounts and allocations, which must be modified in the Eugene. envx file.

Where Are the Policies.xml and Eugene.envx Files? (Use Notepad++ or TextWrangler to open and modify

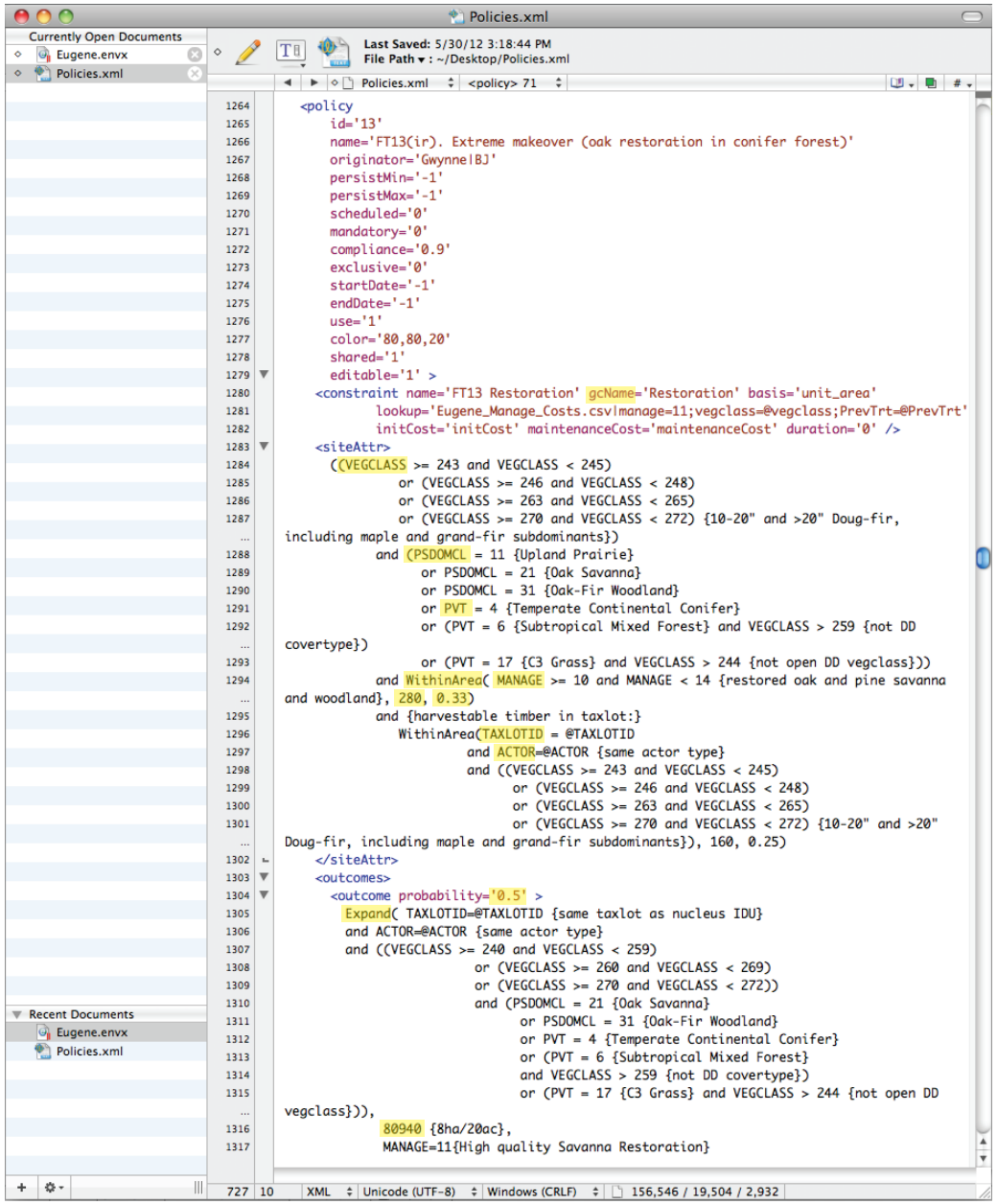


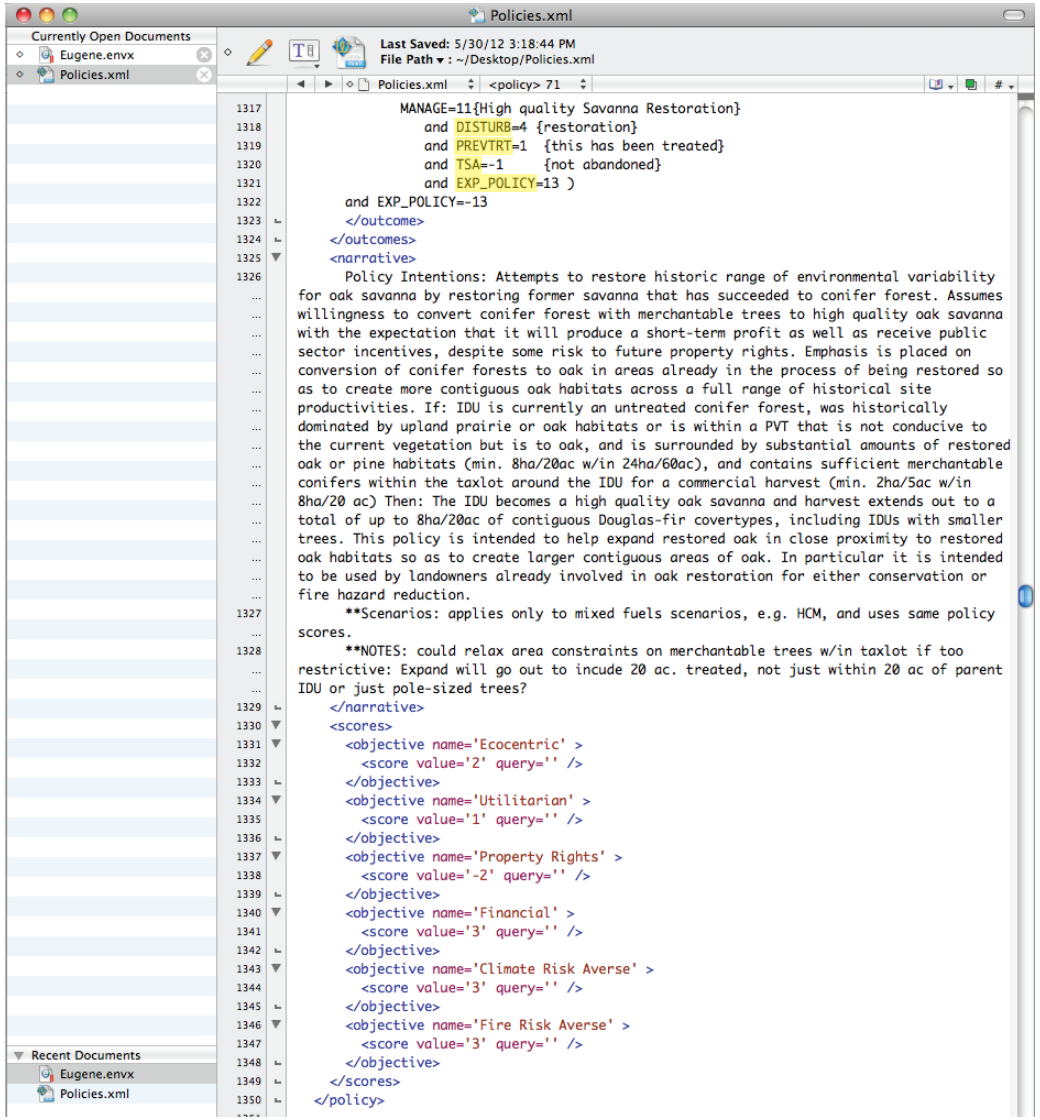
Modifying the Policies.xml File - Initial view and parts of interest for each policy



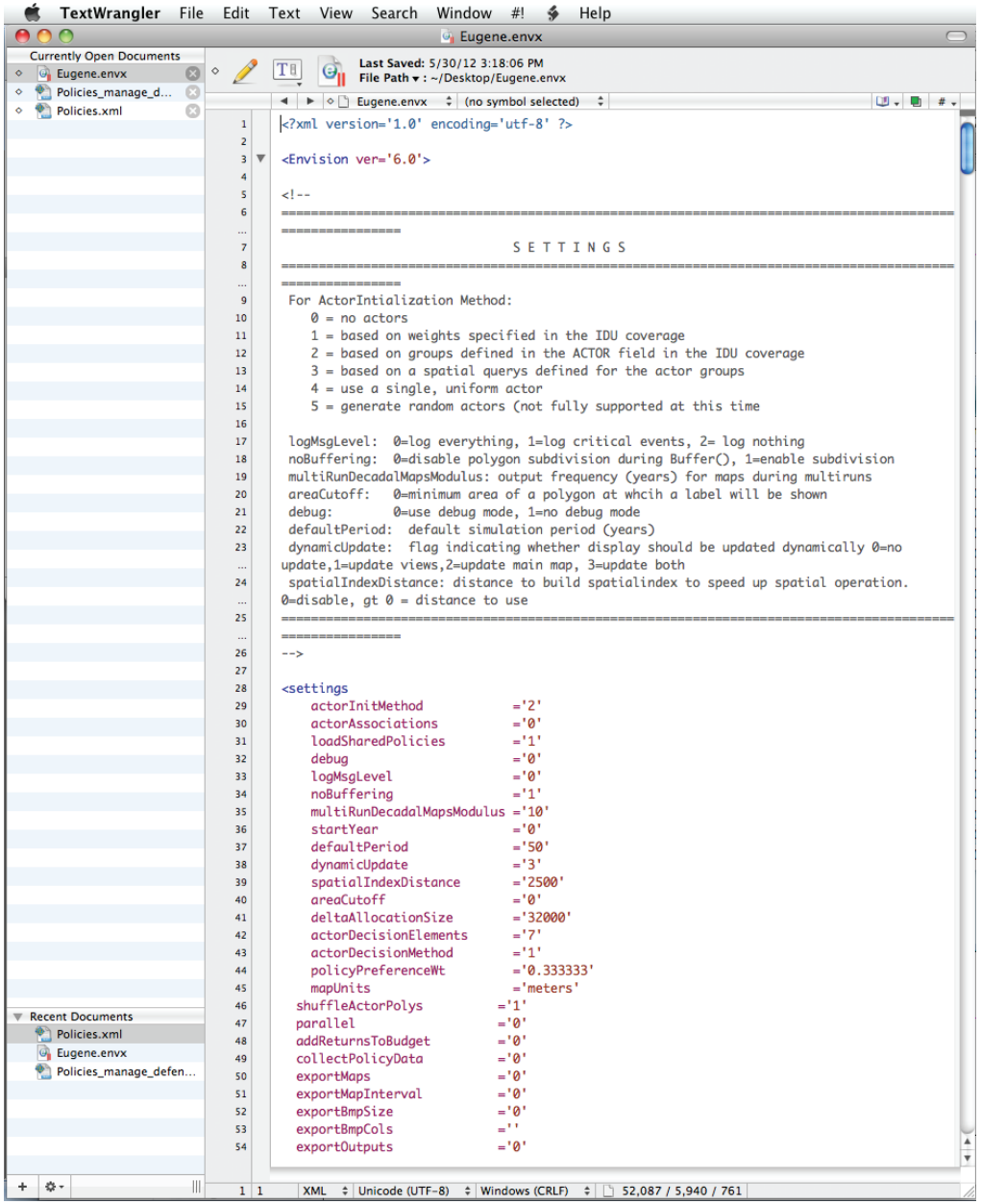
```
    </narrative>
    <scores>
      <objective name='Global' >
        <score value='0' query='' />
      </objective>
      <objective name='Ecocentric' >
        <score value='-1' query='' />
      </objective>
      <objective name='Utilitarian' >
        <score value='3' query='' />
      </objective>
      <objective name='Property Rights' >
        <score value='3' query='' />
      </objective>
      <objective name='Financial' >
        <score value='-3' query='' />
      </objective>
      <objective name='Climate Risk Averse' >
        <score value='-1' query='' />
      </objective>
      <objective name='Fire Risk Averse' >
        <score value='-1' query='' />
      </objective>
    </scores>
  </policy>
```

Modifying the Policies.xml File - How to identify fields and other important variables in the Site Attributes and Outcomes

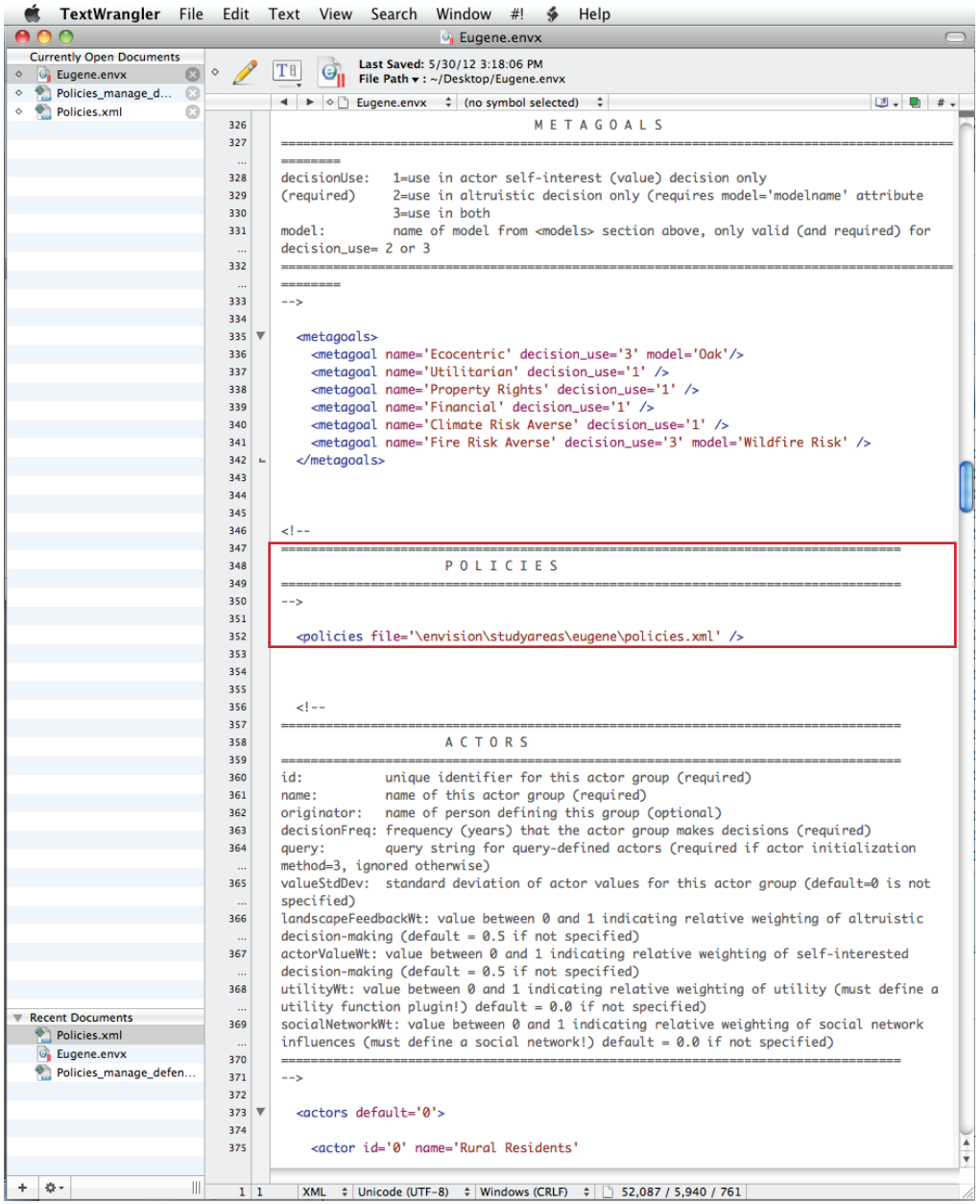



Policies.xml
Currently Open Documents
Eugene.envx
Policies.xml
Last Saved: 5/30/12 3:18:44 PM
File Path ▾ : ~/Desktop/Policies.xml
Policies.xml
<policy> 71
MANAGE=11{High quality Savanna Restoration}
and DISTURB=4 {restoration}
and PREVTRT=1 {this has been treated}
and TSA=-1 {not abandoned}
and EXP_POLICY=13)
and EXP_POLICY=-13
</outcome>
</outcomes>
<narrative>
Policy Intentions: Attempts to restore historic range of environmental variability for oak savanna by restoring former savanna that has succeeded to conifer forest. Assumes willingness to convert conifer forest with merchantable trees to high quality oak savanna with the expectation that it will produce a short-term profit as well as receive public sector incentives, despite some risk to future property rights. Emphasis is placed on conversion of conifer forests to oak in areas already in the process of being restored so as to create more contiguous oak habitats across a full range of historical site productivities. If: IDU is currently an untreated conifer forest, was historically dominated by upland prairie or oak habitats or is within a PVT that is not conducive to the current vegetation but is to oak, and is surrounded by substantial amounts of restored oak or pine habitats (min. 8ha/20ac w/in 24ha/60ac), and contains sufficient merchantable conifers within the taxlot around the IDU for a commercial harvest (min. 2ha/5ac w/in 8ha/20 ac) Then: The IDU becomes a high quality oak savanna and harvest extends out to a total of up to 8ha/20ac of contiguous Douglas-fir covertypes, including IDUs with smaller trees. This policy is intended to help expand restored oak in close proximity to restored oak habitats so as to create larger contiguous areas of oak. In particular it is intended to be used by landowners already involved in oak restoration for either conservation or fire hazard reduction.
**Scenarios: applies only to mixed fuels scenarios, e.g. HCM, and uses same policy scores.
**NOTES: could relax area constraints on merchantable trees w/in taxlot if too restrictive: Expand will go out to incude 20 ac. treated, not just within 20 ac of parent IDU or just pole-sized trees?
</narrative>
<scores>
<objective name='Ecocentric' >
<score value='2' query='' />
</objective>
<objective name='Utilitarian' >
<score value='1' query='' />
</objective>
<objective name='Property Rights' >
<score value='-2' query='' />
</objective>
<objective name='Financial' >
<score value='3' query='' />
</objective>
<objective name='Climate Risk Averse' >
<score value='3' query='' />
</objective>
<objective name='Fire Risk Averse' >
<score value='3' query='' />
</objective>
</scores>
</policy>
Recent Documents
Eugene.envx
Policies.xml

Modifying the Eugene.envx File - Initial view

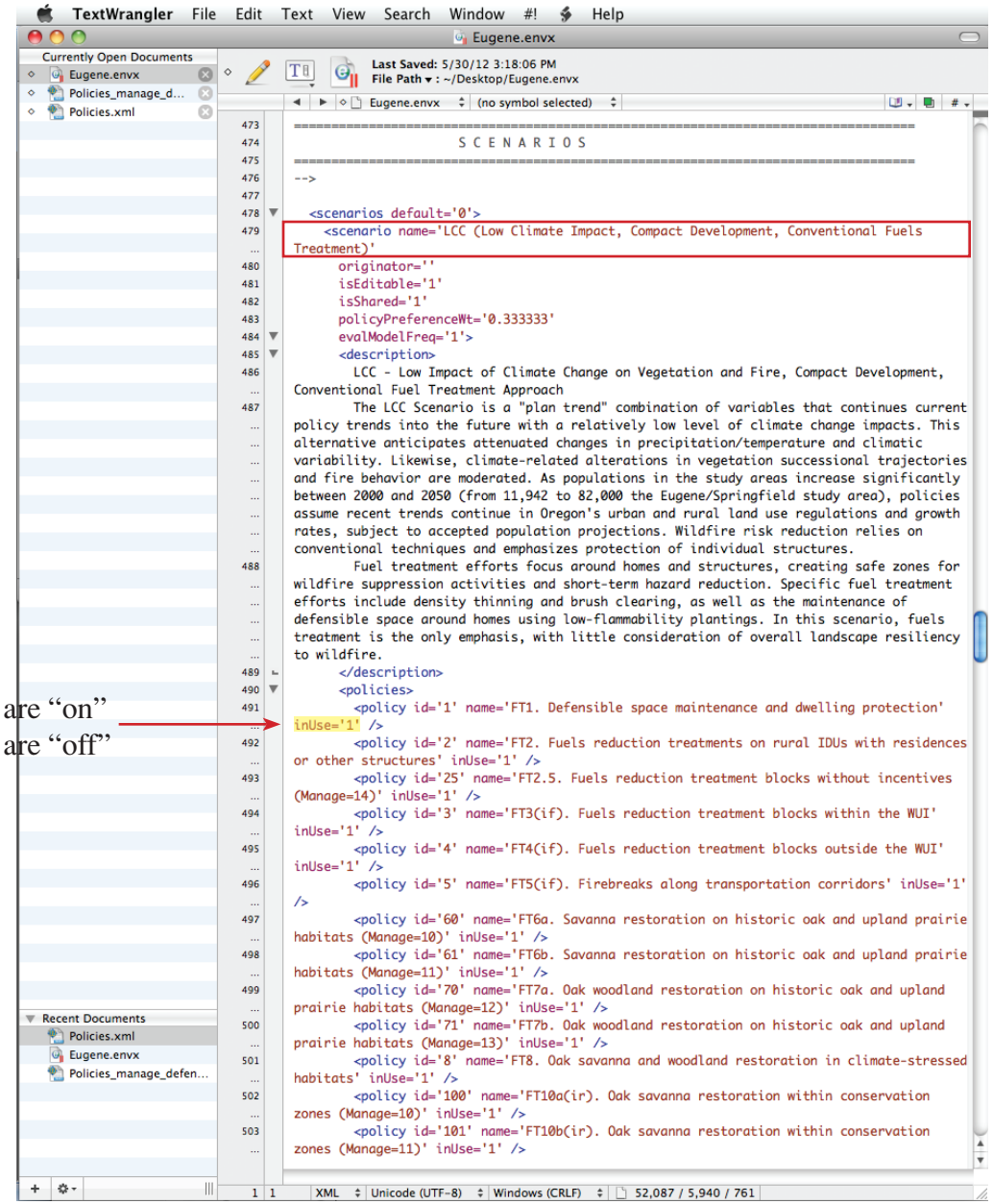


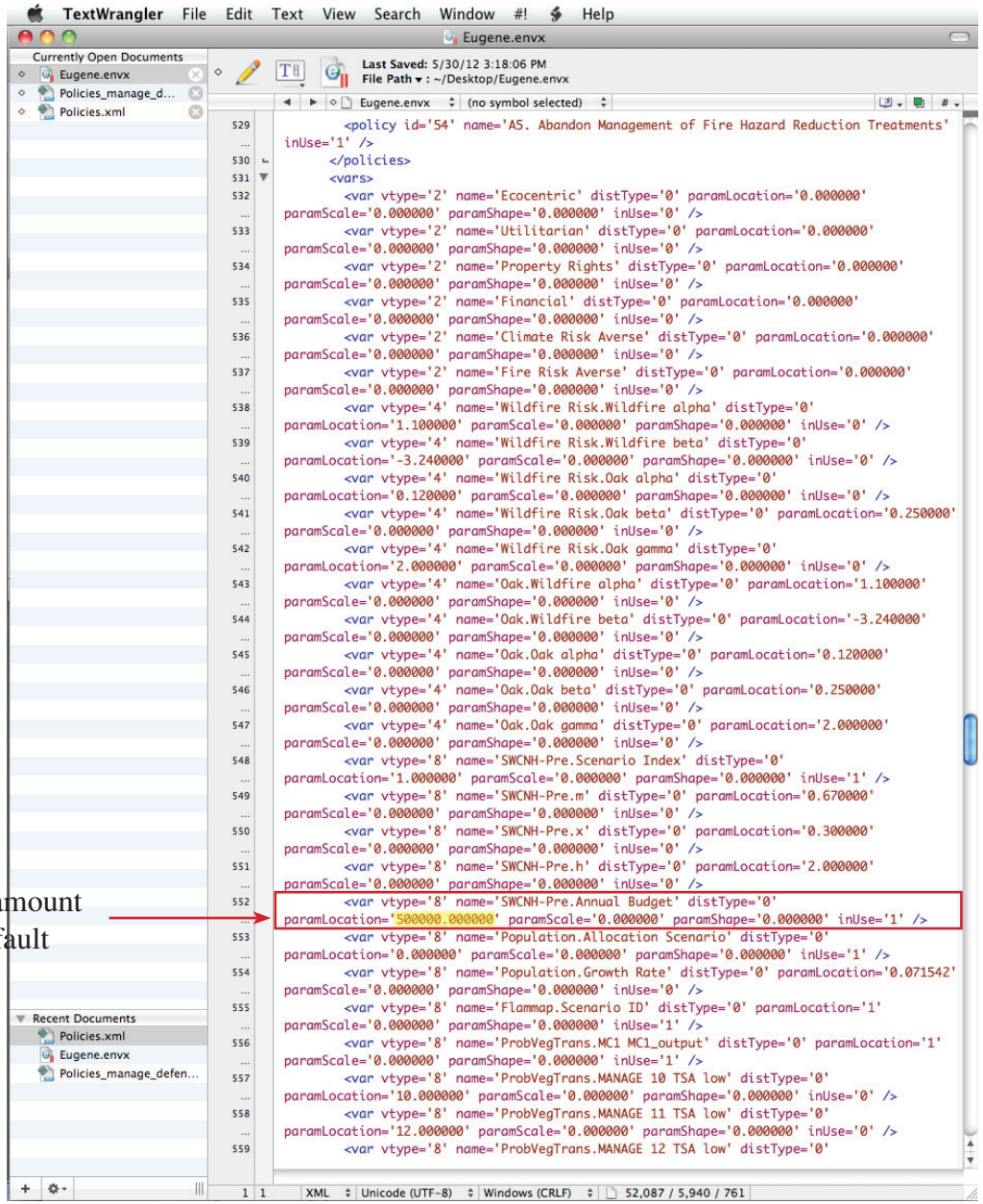
Modifying the Eugene.envx File - Where it points to the Policies.xml file (in case you change the filename)



Modifying the Eugene.envx File - How to turn policies on/off for different scenarios

inUse=’1’ for policies that are “on”
inUse=’0’ for policies that are “off”



Modifying the Eugene.envx File - How to change the annual budget amount

Change the annual budget amount here, set at $500,000 by default