

**Project Summary**  
**Rocky Mountains Cooperative Ecosystem Studies Unit**

<b>Project Title:</b> Development of Land Use Change Protocols for The Greater Yellowstone Network
<b>Type of Project:</b> Research
<b>Funding Agency:</b> National Park Service
<b>Other Partners/Cooperators:</b> Greater Yellowstone I&M network
<b>Effective Dates:</b> 1 December 2003 - 30 September 2005
<b>Funding Amount:</b> \$49,983
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<p><b>Project Abstract:</b></p> <ul style="list-style-type: none"> <li>• Complete, augment, and synthesize existing information on land-use change within the Greater Yellowstone network parks.</li> <li>• Develop conceptual models that will inform how land use change may impact the ecological "health" of parks within the GRYN and how it "interacts" with other GRYN vital signs.</li> <li>• Identify linkages among the monitoring objectives of land-use change and other vital signs so as to enable integration of design elements among vital signs.</li> <li>• Using these data in addition to other information (e.g., management issues and threats), develop and refine (through discussions and workshops) specific monitoring objectives for land-use change that are consistent with the needs of the vital signs monitoring program.</li> <li>• Develop draft monitoring protocols for land-use change based on monitoring objectives, and in accordance with I &amp; M protocol templates and standards.</li> </ul>
<p><b>Outcomes with completion dates:</b></p> <ol style="list-style-type: none"> <li>1. Detailed Study Plan</li> <li>2. Conceptual Model(s)</li> <li>3. Draft Monitoring Objectives</li> <li>4. Draft Monitoring Protocols</li> <li>5. Final Report - due September 30, 2005</li> <li>6. Data / Meta Data</li> </ol>
<p><b>Keywords:</b> Greater Yellowstone Network, Inventory and Monitoring Program, Land Use Change Protocols, Yellowstone NP, Grand Teton NP, Bighorn Canyon NRA</p>
<p><b><u>For Administrative use only:</u></b>  <i>Date Annual Report Received:</i>  <i>Date Final Report Received:</i>  <i>Publications, etc. on file:</i></p>