**Project Rubric**

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| **Criteria** | **Meets or Exceeds**  **Expectations** | **Approaching**  **Expectations** | **Below Expectations** |
| Ecological Assessment  40% | (40 pts) The materials accurately assess two things:  1) compare and contrast topographic metrics derived from the R-based analysis (e.g slope, aspect, etc.) mentioning any trends found in the figures and  2) compare the correlation coefficients between two regions and relate to your expectations based on research  Slide layout is clean and easy to follow with narration; text is easy to follow (bulleting, etc.) and not written in essay format, but rather prompts for the narration; grammar and spelling checked | (20-39 pts)  The materials only address one of the two topics described under “Meets Expectations” or only provide an abbreviated mention of both. Comparisons are not clear and comprehensive  Slide layout is not clearly organized or is a bit challenging to follow with narration; text is bulky and narration simply repeats what is written on slide; grammar and spelling contain some errors. | (>20 pts)  The materials do not include a comparison of two regions nor do they compare the correlation coefficient values. Slides are unorganized and many errors present |
| GIS/Ecology Resources & Map  40% | (40 pts) The presentation incorporates information from a minimum of two (2) online GIS/ecology resources (indicated in the project instructions). The presentation includes the R map outputs for both regions you are comparing. | (20-39 pts)  The presentation only incorporates information from one of the provided online GIS/ecology resources (indicated in the project instructions). The presentation includes only one set of R map outputs for the compared regions. | (>20 pts) The presentation does not incorporate any of the GIS/Ecology resources and does not include any maps from the R code output. |
| Narrated Presentation  15% | (15 pts) Presentation is clearly narrated with all materials accurately described. Presentation includes: 1) background information on the regions selected for comparison, 2) an indication of what you expect to see in the correlation comparison and why, 3) results of the comparison and 4) a conclusion including if you observed what was expected  Presentation is no longer than 5 minutes in length, and no less than 3 minutes in length. | (10 – 15 pts)  Presentation only indicates 2-3 of the elements outlined in the “Meets Expectations” section  Presentation is either too short or too long in length, but only by a minute | (>10 pts)  Presentation only indicates 0-1 of the elements outlined in the “Meets Expectations” section  Presentation is either too short or too long in length, by more than a minute! |