

GEOG 361 – Remote Sensing in the Geosciences

Dr. Andrew Klein

Inquiry Project 1

1. Instructions for the Inquiry Project will be provided in class and the PowerPoint slides detailing it will be made available on the class website.
2. Students will work in Groups of Four. To facilitate Group work, each student should list the students working in their group and their contact information in the table provided at the end of the instructions. Each group will provide the instructor with the names of the group members.
3. The project will be graded on the basis of a five-slide PowerPoint presentation. The slides should be constructed as follows:
 - a. **Slide 1** – The Group’s stated hypothesis & group member names
 - b. **Slide 2** – A summary graphic/diagram illustrating the physical processes responsible for the phenomena and what its affects are
 - c. **Slide 3** – Appropriate supporting theory and/or equations etc.
 - d. **Slide 4** – Up to the group to decide
 - e. **Slide 5** – Appropriate references in the *Chicago Manual of Style* author-date format
4. All PowerPoint presentations will be graded using the following Rubric

	1	2	3	4
Correctness of Hypothesis	Hypothesis does not come close to explaining question	Hypothesis partially explains question, but incomplete or inaccurate	Hypothesis mostly explains question, but still incomplete explanation	Hypothesis adequately explains question
Completeness, Quality and Appropriateness of Summary Graphic	Graphic does not illustrate important concepts at all	Graphic captures a minority of the important concepts	Graphic captures the majority of the important concepts	Graphic completely illustrates important concepts
Quality and Appropriateness of Supporting Theory/Equations	Supporting Theory & Equations not relevant to topic and/or incorrect	Supporting Theory & Equations somewhat relevant to topic and/partially correct	Supporting Theory & Equations relevant to topic and mostly correct	Supporting Theory & Equations sound and correctly backup hypothesis
Quality of Reference Sources	Reference Sources are of low quality or provide incorrect information or are not relevant to topic	Reference Sources are too general and inadequate to correctly cover topic	Reference sources are acceptable, but could be of better academic quality and/or better cover topic	Reference sources are of high academic quality, appropriate to hypothesis and sufficiently cover topic

Assignments will be graded as follows:

Letter Grade	Numeric Score from Rubric
A	14-16
B	11-13
C	8-10
D	5-7
F	4

If you have any questions, please do not hesitate to contact me.