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| **1. INFORMATION** | | | |
| Name (Last, First) | Course Number (Semester) | Evaluation Period (start) | Evaluation Period (end) |
|  | GIS420 (Spring 2020) | 01/27/2020 | 03/16/2020 |

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| **2. COURSE OBJECTIVES** | | |
| Standard (Describe the level expected for "Fully Successful" performance. Include measures indicators of quality, quantity, cost effectiveness, or timeliness.) | | |
| 1. Design a geospatial model or modeling framework to solve the critical rainfall threshold method for analyzing landslide susceptibility. Graduate students must include an additional model (or modeling framework) based on additional readings/research. 2. Describes/presents at least one example of geoethics based on individual research as well as from discussions with colleagues/classmates. Graduate students must incorporate an ethical dilemma into their project. 3. Participates in at least one skill-building activity (*learning*). Maintains a project-specific log of individual/group activities (*time management*). Designs and implements a means for storing relevant project input/output data and geoprocessing layers, prescribing their necessary metadata including data source, author/maintainer, creation date, scale, and scope of use (*data organization*). The choice of data organization method should be based on best practices for the field or domain science. 4. Publishes a web log of coordinated/targeted activities that address a real-world scenario, which includes at least a purpose statement, a timeline of accomplishments, a review of at least one relevant publication, and a summary of conclusions or a discussion. Speaks clearly and cogently to classmates and professor during discussions and project progress reports. | | |
| Rating |  | Exceeds |
|  | Fully Meets |
|  | Does Not Meet |
| Accomplishments | | |
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| **3. PROJECT LEARNING OBJECTIVES** | | |
| Standard (Describe the level expected for "Fully Successful" performance. Include measures indicators of quality, quantity, cost effectiveness, or timeliness.) | | |
| 1. Reads and reviews at least one (1) published work on natural hazard assessment summarizing key concepts and provides at least one example of how GIS and/or geospatial data/information was used. Graduate students are expected to read and review at least three (3) published works. 2. Participates in a classroom discussion that shares knowledge gained outside the classroom regarding how a particular field or specialization utilizes GIS with at least one example. 3. Reads, reviews, and summarizes an example of how geoethics influenced or influences a particular field or application within the geosciences and shares the summary with the class. 4. Completes a "introduction to python programming language" lesson. Reads, downloads, writes, and/or runs application code that performs a particular function related to GIS, geospatial data, or geoprocessing/analysis. Verifies the application's data inputs/outputs. Summarizes the underlying functionality of the code. Graduate students are expected to develop original code. 5. Develops a how-to manual, report, or web log entry for a particular geoprocessing method. | | |
| Rating |  | Exceeds |
|  | Fully Meets |
|  | Does Not Meet |
| Accomplishments | | |
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| **4. CERTIFICATION** | | |
|  | I participated in the development and evaluation of this plan. | |
|  | I did not participate in the development and/or evaluation of this plan. | |
| Instructor Signature and Date | | Student Signature and Date |
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