**RUBRIC FOR THE PROSPECTUS FOR IADA CAPSTONE PROJECTS**

**Student name:**

**Date:**

**Project title:**

This rubric should be accompanied by written feedback presented to the student to justify rubric scores. The student may be required to revise aspects of their capstone prospectus before the committee finds it suitable for pursuit of the capstone project.

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| **Item** | **Description** | **Points** |
| A. | A summary of the literature related to the capstone project is included. (15 points)  |  |
| B. | A problem or gap in knowledge is addressed using a novel dataset or analysis method that has not been resolved in previous scholarly literature or based on community science needs. (15 points) |  |
| C. | The background section of the prospectus explains why the research question is of interest to society and/or is important for the student’s discipline. (10 points) |  |
| D. | Clear and testable hypotheses or objectives are stated. (10 points) |  |
| E. | Provenance, availability, and characteristics of datasets to be used in this project are described, with attention to any data characteristics that will require special consideration during analysis (e.g., data gaps, spatial or temporal resolution mismatches, quality control measures, confidentiality issues). (30 points) |  |
| F. | Datasets identified for analysis fully address the research question proposed and can be used with the proposed data analysis methods. (20 points) |  |
| G. | The proposed data analysis methods are appropriate for addressing the proposed question. (25 points) |  |
| H. | The proposed methods are of an appropriate scope for a capstone project and incorporate at least two of the data analysis skillsets as described in the Interdisciplinary Applied Data Analytics (IADA) capstone project guidelines. (25 points) |  |
| I. | Methods to be used complement each other, each providing new insights into the problem to be addressed. (15 points) |  |
| J. | Prospectus contains a plan on how the student will adhere to FAIR principles. (15 points) |  |
| K. | The writing style is clear and concise, with a professional tone and is free of grammatical errors and typos. (15 points) |  |
| L. | Citations are complete and in the style used in the student’s discipline. (5 points) |  |
|  | **Total (200 points)** |  |

Committee member name:

Committee member signature:

Date:

***Please provide additional feedback for the student on a subsequent page.***

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**Additional Feedback for the student**