

IOWA STATE UNIVERSITY
Department of Community and Regional Planning

GRADUATE CERTIFICATE IN GIS GIS APPLICATION PROJECT REPORT ASSESSMENT
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Student's Name: _____ **Advisor's Name:** _____

Title of Report: _____

Semester/Year of Certificate Completion: _____

This form contains assessment standards for the Application Report component of the GIS graduate certificate. Students should consult this form while preparing their report, and advisers should consult this form when evaluating the student's work and assigning their final grade.

Instructions for Students: Print the form and complete the top part. Deliver it to your GIS advisor along with your final report.

Report Requirements (to be completed together by student and advisor): Check the appropriate box (student or adviser) if the requirement has been fulfilled in the report.

Section	Student	Advisor	Item
Front Matter			Title page.
			Abstract including objectives, methods, and results.
			Table of contents.
			Lists of figures and tables.
Problem Definition			Statement of the research problem.
			Project purpose, background, and context.
			Main objectives and contributions of the study.
			Spatial questions and hypotheses.
Research Design			Relevant theories and/or literature on the problem.
			Conceptual framework and definitions of key terms.
			Description of concepts and variables.
Methodology			Study area description, location, and context.
			Operationalization and measurement of variables.
			Database and data sources.
			Data analysis and modeling.
Results			Results of data analyses.
			Presentation of results in text, figures, and tables.
Discussion			Review of results in relation to spatial hypotheses and research problem.
			Discussion of results in the context of the project background.
			Conclusions and recommendations based on results.
			Recommendations for future studies.
Back Matter			Bibliography.
			Appendices.

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Project Report Assessment (to be completed by advisor)

Instructions for Advisors: Complete the following sections as part your assessment of the student's work. Deliver or send the completed form through intercampus mail to Mônica Haddad (583 Design).

- How well has the student demonstrated a mastery of GIS technology and its application?
(Very poorly) 1 2 3 4 5 6 7 8 9 10 (Very well)

Comments:

- How well has the student demonstrated a clear understanding of spatial analysis?
(Very poorly) 1 2 3 4 5 6 7 8 9 10 (Very well)

Comments:

- How well is the student's work informed by background research of the problem addressed?
(Very poorly) 1 2 3 4 5 6 7 8 9 10 (Very well)

Comments:

- How well does the student present clear spatial questions, and propose answers to these based on the analysis of their data?
(Very poorly) 1 2 3 4 5 6 7 8 9 10 (Very well)

Comments:

- How comprehensive, clear, and well-written is the student's report?
(Very poor) 1 2 3 4 5 6 7 8 9 10 (Very good)

Comments: