

AUTHOR

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COUNTRY

United States of America

FIELD OF HUMANITIES

Geography

REQUIREMENTS FOR THIS ACTIVITY

1. Digital technology:

Mobile phones, computers with internet access – high speed WIFI is recommended.

2. Pre-existing knowledge and skills:

None.

THE INTRODUCTION TO GIS IN GEOGRAPHY

Simple introduction to ICT (e.g. GIS, different databases, cloud computing etc.) in geography studies.

GOALS

The main goal is to simply introduce students to cloud computing, GIS software and some basic theories about data and/or analysis.

Students are presented with a series of instructional videos via YouTube that walk them through the installation of the helper software and use of the main software.

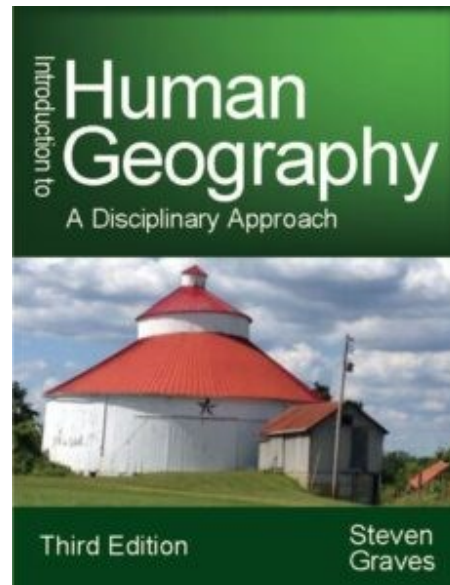
KEY OUTCOMES

Students are presented with a series of steps and prompted to answer a series of questions in a learning management software (like Blackboard) to check for understanding/comprehension of both the software and the concepts and analytic techniques.

A large number of students are exposed to software and analytic techniques that they would not otherwise have learned – because there's no way to get that many students into a computer lab.

More students have decided to major in Geography after having been exposed to GIS via Citrix than ever before. This class has become the number one source of new majors, so I assume that is a very powerful metric of its effectiveness.

Fig. 1. A handbook is forthcoming



ADDITIONAL INFORMATION

<https://ssric.org/trd/exercises>

<https://geographyplanet.org/>