

# GISL LARGE-FORMAT SCANNER PROGRAM

## Overview

The purpose of this program is to encourage use of the large format scanner (44") in GISL. Scanning costs will be waived for approved projects in order to promote use of the scanner and create hands-on experiences for students. This program is also intended to promote low-cost resource use for CLA faculty and facilitate research. Student salary will be paid with this allowance, the student can be hired by the applicant or GISL.

GISL tasks covered:

- Scanning 18" to 44" wide paper maps, documents, or aerial photographs to preferred format.
- Georectification of maps to preferred coordinate system (if requested, and suitable control data is available). Georectification is the digital alignment of a map image with an image or base map of the same area. This prepares the map or photo image for use in a GIS.
- Archive resulting images to DVD

Printing of images and other GIS work is available at regular GIS service rates:

<http://www.d.umn.edu/cla/gisl/main/services.php>

This work will take place based on student availability and secondary to other GISL sponsored projects and internal and external sales.

## Value

GISL will pay for no more than 40 hours of student time per project (80 if georectification is required) at \$8.00/hr to \$11.50/hr depending on the student appointment. Students can be GISL employees or hired by the requesting department. Please note, georectification must be done by GISL employees or students. Scanning may be a small part of the project, but this allowance is intended only to fund the scanning and georectification component.

## Eligibility and Selection Criteria

Applications will be evaluated based on the following criteria, in no particular order. Please address these points in your application. The number of projects waived will depend on GISL fund availability. In Spring 2009, at least five 20-hour projects can be funded.

- Applicant is from a CLA department
- Innovative Project
- Need for GISL scanner to complete project
- Potential for continued research and development
- Use of scanned images in GIS (not required)
- Project significance to applicant's field / department / teaching

## Application

Please complete the following information and return to Stacey Stark, [slstark@d.umn.edu](mailto:slstark@d.umn.edu) as a .doc or .pdf email attachment.

- Name and contact information  
Project title
- Duration of Project (timeline if applicable)
- Description of Project (include significance)
- Student Employee (name or GISL-provided)
- Number of items to be scanned and sizes (note if georectification is needed)
- Nature and condition of items to be scanned

GISL will create an estimate of hours needed for each project and will notify the applicant. For more information about GIS, or ideas of how GIS is used in a variety of different fields, please see the GISL website:

[www.d.umn.edu/cla/gisl](http://www.d.umn.edu/cla/gisl).