

A SCALABLE SKILLS CERTIFICATION PROGRAM IN GIS

NSF – ATE TEAM MEETING

Meeting of April 28, 2008
3:00 pm SDSU, Department of Geography, Conference Room 317A

MINUTES

ATTENDEES:

Cheena Garg Graduate Student - San Diego State University
Cindy Tsai Undergraduate Student - San Diego State University
Claire Zhu Graduate Student, Note taker - San Diego State University
Ming-Hsiang Tsou Co-PI, Associate Professor, Geog. Dept - San Diego State University
Ting-Hwan Lee Graduate Student - San Diego State University

OVERVIEW:

The purpose of this meeting is to prepare for the Patrick Henry High visit and discuss the project progress and update during the last week.

I. Website and GIS module evaluation questionnaires

M. Tsou asked Claire and Ting-Hwan to make a final revision of the website and GIS module evaluation questionnaires. Ting-Hwan will post the final revision of questionnaires on line and send them to high school teachers.

II. Update of the Patrick Henry High collaboration

M. Tsou made an arrangement for the Patrick Henry High School visit on May 2nd: graduate assistants would meet to learn to use GPS at 3:30pm on April 30th; Cindy would check out the devices on Thursday morning (May 1st); and graduate assistants would come at 8:50 on May 2nd in Cesar lab to prepare for the visit. M. Tsou will meet approximate ten students from high tech high school at 11:00am-12:00am on May 8th to make a presentation about GIS, and Ting-Hwan will accompany him.

M. Tsou showed the schedule for Patrick Henry High School visit on May 2nd.

<p>9:00am – 9: 45am</p> <p>SAL lab – (Storm Hall 338)</p> <p>Introduction to Virtual Globes and Google Earth with Web-based Geospatial Technology</p>	<ul style="list-style-type: none"> ❖ Google Earth video (SDSU Campus) introduction of GIS (we can make an activity sheet that complements the video (10 minutes) ❖ Introduce Geography Department/GIS movies (10 minutes). ❖ Introduction of GIS concept and Web-based GIS concepts (10 minutes) ❖ Virtual Globes and Google Earth Demonstration (about 10 minutes) ❖ Follow-up and discussion (5 minutes)
<p>9:45am - 10:30am</p> <p>CESAR lab- (Nasatir Hall 386)</p> <p>Introduction to Global Positioning Systems and GPS devices, Geocaching exercises</p>	<ul style="list-style-type: none"> ❖ Orientation of the entire group about GPS technology (10 minutes). ❖ Break group into smaller FOUR groups of 6 students (Five graduate students will help each group). ❖ Visit the six locations in SDSU campus and record their coordinate (X, Y) by using GPS devices. Each student will record one location. (Write it down on the Activity sheet). Then return back to CESAR lab or SAL lab. We can compare these X, Y coordinate and find out the most accurate team. (30 minutes) ❖ Return back to the Lab and final conclusion / discussion (5 minutes).
<p>10:30am – 11:30am</p> <p>SDSU Campus</p> <p>SDSU Campus Tour</p>	<ul style="list-style-type: none"> ❖ Visit the six locations in SDSU campus and record their coordinate (X, Y) by using GPS devices. Each student will record one location. (Write it down on the Activity sheet).

Meeting adjourned at 3:30pm.