

Hawaii STEM Conference - GIS Competition

Please complete the following application in full and email it as an attachment (subject line should be the competition name) to [Hawaii STEM Conference@yahoo.com](mailto:Hawaii_STEM_Conference@yahoo.com) by **Monday, March 19th, 2012.**

Submission / Contact Information

- Project Title:
- School Name:
- Facilitator's Name:
- Facilitator's Email:
- Lead Student Name:
- Lead Student Email:
- Names & Grades of Project Team Members:

Software Used

- List the GIS software used (e.g. ArcView 9.3, Spatial Analyst extension, Google Earth):
- List any other software used (e.g. SketchUp Pro, PowerPoint):

GIS Data Used

List the specific geographic data sets engaged and the source of each data set.
For example ...

- "streets.sdc" lines from ESRI Street Map Data for ArcView 9.3
- "dtl_cnty.sdc" polygons from ESRI Street Map Data for ArcView 9.3
- "research.shp" points gathered using GPS
- "mytown.sid" DOQQ (2002) image from GeoStor

Project Summary and Community Benefit

Please provide a written complete project summary with these elements. Be as specific as possible, as this will help the judges decide which projects will be finalists.

- the situation which the project addresses - what you are trying to do
- who in the community will benefit from this project, and to what degree
- the role that GIS played in tackling your project
- the procedures followed to explore the situation or solve the problem (including general project operation, data gathering, and analyses conducted)
- project status (complete? half done? all done but final action? etc)
- next step/s for this project
- any other important information about the project or procedures

Supporting Images

Submit visual evidence to support your summary above of how the application was used (images, screenshots, etc.). Submit from three (2) to six (4) carefully designed maps that show

your project, including at least one screenshot showing the GIS interface, and at least one layout export. These graphics should be in PDF, PNG, TIF, or JPG format, and should be attached to your email along with this application. (One of these images could be, but does not have to be, included in the PowerPoint slide noted below.)

PowerPoint Slide (required)

Submit one (1) PowerPoint slide that will be used to identify the winning submission on stage during the Closing Awards Banquet on Saturday, April 2nd, 2011. Include the following items on the PowerPoint slide:

- Submission title
- Team name
- School name, city and state
- Brief description of the submission (large enough print so that it is easy to read) or an image or screenshot from the images submitted as documentation