

NYS GIS Association Education Committee Meeting Minutes

25 April 2016 | 1:00 – 1:49 p.m. | Conference Call

Attendees: Ross Baldwin , Ann Deakin, Susan Hoskins, Mike Jabot, Andy Mendola, Rich Quodomine, Pete Walsemann

1. AP GIS & T Impact Statement Discussion
 - Susan asked if there had been any clarification from Michael Solem.
 - Andy has not heard anything.
 - Mike Jabot stated that this should be supported wholeheartedly. The Committee agreed.
 - Andy provided Rich with the background on this effort. Rich replied that he knows Michael Solem very well. Michael edited a book to which Rich contributed.
2. GIS-SIG Conference Update
 - Andy reported that a record-setting 65 students were in attendance.
 - Andy and Susan reported that the student lightning talks went well.
3. LIGIS Spring User Conference
 - Ross reported that the April 15th event at Farmingdale State College event went very well. There were 100 people in attendance.
 - He added that Farmingdale is waiting for SUNY approval for 4 year GIS & T degree.
 - A conference is scheduled for GIS Day conference at SUNY Stony Brook in November.
4. Resources for K-12 Teachers wanting to get into GIS
 - Andy called for preparing a list of resources for K-12 teachers who would like to get involved. He shared Jon Little's info on recruiting high school teachers for his program: www.nygeographicalliance.org/node/36
 - Pete recommends reviewing this link and then reporting back with suggestions for the list of resources.
 - Andy made it clear that this wouldn't include writing the curriculum. Instead, we would be providing the outline.
 - Ann noted that this could be posted to the Education Committee page at the Association web site.
 - Mike recommends also including information from the GeoTech Center. They could be a good place to start regarding a sequence of skills.
 - Andy suggested including a colleague from San Diego be included on next month's call to share his relevant experience.
 - Pete observed that there is most likely a body of work already established regarding the foundation of what should be included. The NCGIA Core Curriculum might be informative.
 - Ann noted that it might be something along the lines of the UCGIS Body of Knowledge and the GTCM, but for high school programs.
5. Andy asked Rich to update the Committee on his current endeavors now that he is back in New York State. Rich has re-entered the civil service and is using GIS for disaster - preparedness for people with disabilities. His office is in Kingston, New York.

6. Pete stated that he is coming up on end of the semester for the GIS course he is teaching at the Community College. His students are using both ArcGIS and QGIS. One of his Earth Science teachers' husband is on a small village board that wants to use GIS: Croghan, NY. This type of development is the point of the Emerging GIS Initiative of the NYS GIS Association.
7. Andy will be lecturing to Heather Pierce's MCC class tomorrow night.
8. Susan announced that UCGIS sponsored a webinar on OpenStreetMap. Cornell students are interested in forming a Chapter of Youth Mappers to help with humanitarian crises. Mike participated in the webinar, stating it was great and provided valuable ideas for institutionalizing that kind of work. Susan said the webinar was recorded; she will share the link once it is available.
9. Susan shared an update from Eileen:
 - *On April 15, I held a 2-hour workshop for the Teacher to Teacher program. The 11 participants were all Earth Science teachers. They ranged from no idea of what GIS was to one teacher having taken a week-long IITG (?) several years ago. I promised the Master Teacher program that I would also schedule some training workshops (as opposed to this introductory one). I encouraged them to join the NYS GIS Association; shared the ESRI K-12 license agreement; talked in general terms about GIS; showed them Google, ArcGIS Online, and Story Maps. We ended up doing the Mt. St. Helen's exercise (<http://serc.carleton.edu/NAGTWorkshops/gis/activities2/48052.html>) which elicited some good commentary. Everyone signed up for more information. Eileen Allen by e-mail to Susan Hoskins, 12:09 p.m., 25 April 2016*
 - Pete spoke to 2 teachers who participated in Eileen's workshop. They were very impressed.
10. Ross said that LIGIS had a table at the Step into Spring with STEM 2016 Conference at Brookhaven National Lab. LIGIS is reaching out to Long Island superintendents.
11. Susan pointed out that the watershed & estuary water quality mapping program she, Mike and Andy are involved reminds us of what a challenge it can be to figure out who the contact is.
12. Mike is doing a lot of work with the GLOBE program.
13. Andy is going to North Rose-Wolcott School to work with those students on using Pictometry to measure roofs for solar panels.
14. The May meeting will most likely be the week of May 23rd.

Minutes submitted for review by A.K. Deakin