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To: Dan Breedon

Fr: Ed Miller

Subj: GIS frontiers and energy system certification

Ref A: IEEE Journal of Selected Topics in Applied Earth Observations and Remote sensing, published by the IEEE geosciences and remote sensing society and the IEEE committee on earth observations, Sept 2008, Vol1 #3, IJSTHZ (ISSN 1939-14040)

Ref B: <http://www.aeecenter.org/certification/body.cfm>, Certification in the field of energy, power, green facilities and industry, The Association of Energy Engineers

Ref C: www.ope.ed.gov/accreditation, U.S. Office of Education WEB site

Ref D: www.chea.org, Consortium of higher education that accredits institutions of higher education

Comments:

1. Ref A provides a good overview of synoptic earth sensing with reference to land use planning. I suspect that the GIS people in the DCS or County organizations would have copies. I could send you a hard copy or scanned copy if necessary.
2. Ref B describes the various seminars, on-line training and general information on certification in the energy world offered by the Association of Energy Engineers (AEE).
3. Ref C & D describe accreditation with special reference to on-line institutions and programs that are applicable to development. Grant programs are available for students and professionals provided that the schools are accredited. Some guidance would be helpful for engineers and architects who want to be recognized by Butte County as they seek to contribute to the goals of the Butte County General Plan and initiatives coming down from higher level government and industry. The amount of information out there is mind boggling. Google lists 2.25 million references on the subject of energy certification. There are 19,500 accredited on-line programs by both regular and on-line only institutions. Quality and cost is a major consideration achieving certification. Experience by Butte County planning department would be helpful.
4. We may want to minimize the number of required certified specialists particularly for DIY stakeholders in our County. The New International Building Code has a number of energy features together with well trained plan checkers who can potentially reduce the cost of building in an energy sensitive environment.