1035-Z1-184   **Mark A Mills*** (`millsm@central.edu`), Campus Box 06, 812 University, Pella, IA 50219. *An algorithm for creating "equal" regions.*

This talk will discuss an algorithm that is still in development. The goal of the algorithm is to take a large area that has been broken up into counties and use some quantifiable information for each county (e.g., population) to create a given number of geographically compact regions having relatively equal quantities. The speaker will discuss the evolution of the algorithm from first being a greedy algorithm to now being what you might call an "altruistic" algorithm. (Received August 14, 2007)