GPS and Mapping

Schedule

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| 8:30 | Collect Lab 3 | Any immediate Qs |
| 8:40 | Overview of Lab 2 – Topo Maps | 10 min |
| 8:55 | Lecture (1st part) | 10 min |
| 9:15 | Think-Pair-Share | 5 min |
| 9:20 | Lecture (2nd part) | 10 min |
| 9:30 | Leave classroom for lab activity | 1:30 |

Learning & Instructional Objectives

* Describe in general terms how a GPS is able to locate itself on the planet
* How long has GPS been in use?
* What changed in May of 2000
* Identify the sources of potential error when using a GPS
* Determine ways in which using a GPS will help the research projects
* Identify the UTM zone grid and UTM position
* Describe why it is easy to use and understand
* Be able to find current position and navigate to a new position using a GPS