

### QUIZ#7: Adjacency Analysis

Download the personal geodatabase **quiz7\_2008.mdb** from the website:

<http://nrm.salrm.uaf.edu/~dverbyla/nrm341/quiz/>

There is a polygon feature class from a timber inventory the geodatabase of Montegue Island in Prince William Sound.

A deer biologist is interested in the edge between oldgrowth stands and recent clearcuts. Find all **continuous borders** that are between **old growth** polygons and **seedling\_sapling** polygons with each border **longer than 1000 meters** in length.

Create a dbf table with the length of all continuous old growth/seedling\_sapling border lines that are longer than 1000 meters in length. Include the length of each border line in your dbf table with the correct length values in meters in the Length field.

| Shape *  | STCL_CODE | StandClass | STCL_COD_1 | StandCla_1       | Length |
|----------|-----------|------------|------------|------------------|--------|
| Polyline | 4         | Old_Growth | 1          | Seedling_Sapling |        |
| Polyline | 4         | Old_Growth | 1          | Seedling_Sapling |        |
| Polyline | 4         | Old_Growth | 1          | Seedling_Sapling |        |
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| Polyline | 4         | Old_Growth | 1          | Seedling_Sapling |        |
| Polyline | 4         | Old_Growth | 1          | Seedling_Sapling |        |

Email me ( [D.verbyla@uaf.edu](mailto:D.verbyla@uaf.edu) ) your dbf table as an attachment and the following information:

Computer: ONEILL-330 or 359-\_\_\_\_\_

Folder: c\nrm341\\_\_\_\_\_

Arcmap document name: \_\_\_\_\_ .mxd