TYPES OF OPERATIONS (renamed cm34.1)

1. Combinations of maps (Boolean or set-theoretic)

2. Measurements
   - average
   - diversity (e.g., standard deviation, moments)
   - majority
   - minimum and maximum
   - variety (e.g., cardinality)

3. Reclassification or recoding

4. Search
SPATIAL CLASSIFICATION OF OPERATIONS
(renamed cm34.1)

• Region of interest (also termed a *window* )
  1. individual locations (local)
  2. zones (zonal)
  3. neighborhoods of locations (focal)
     • can restrict extent of neighborhood by distance
     • can restrict extent of neighborhood by direction
  4. special neighborhoods when the data does not fit into the domain of grid squares (incremental)
     • only for immediate neighbors
     • no restriction on direction is permitted

• Relationship between the locations being operated on
  1. coincident in position (local)
  2. related thematically (zonal)
  3. related spatially (focal and incremental)