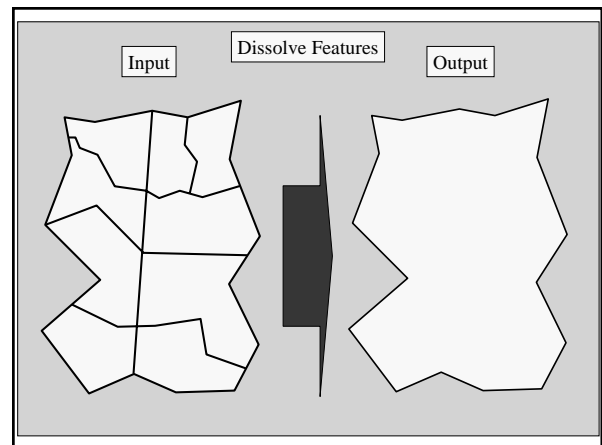


## Manipulating Vector Mode Databases

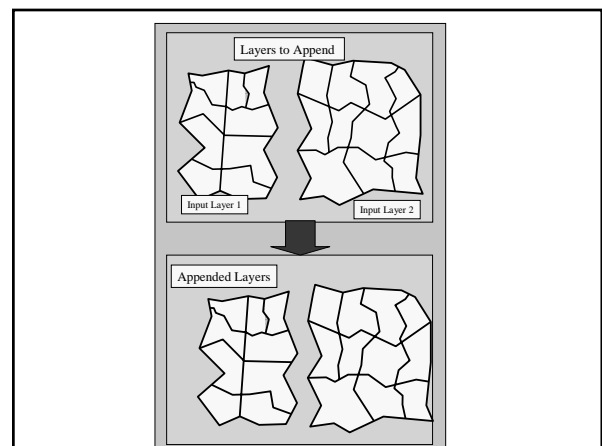
## Operations

- ◆ Dissolve
- ◆ Append
- ◆ Clip
- ◆ Intersect
- ◆ Union

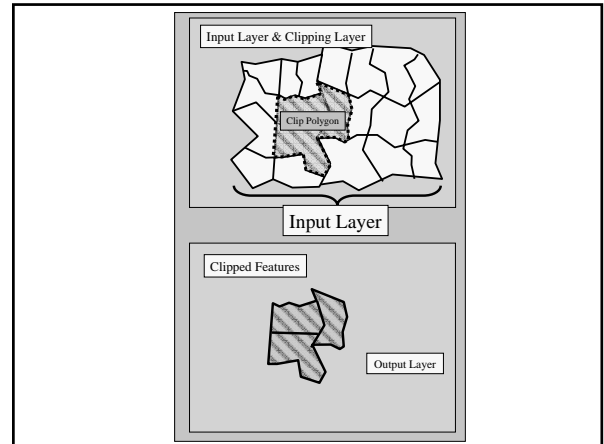
Dissolve



Append

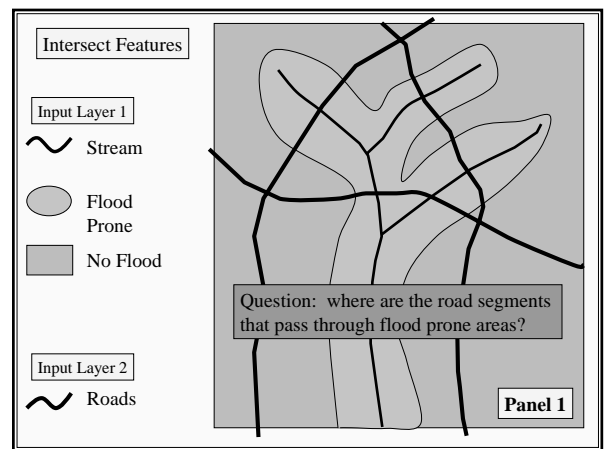
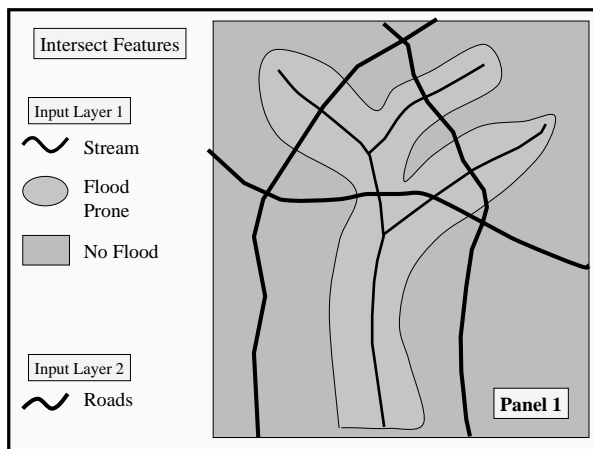


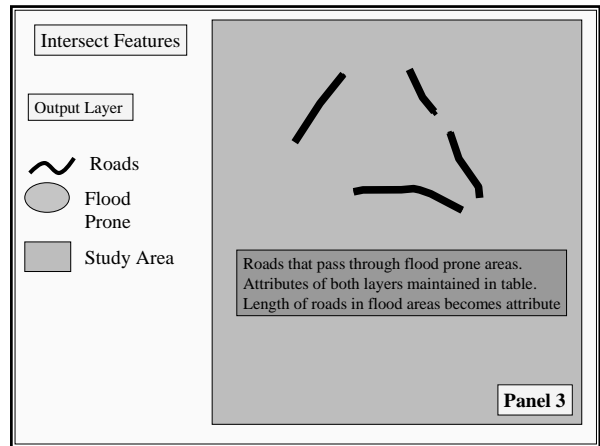
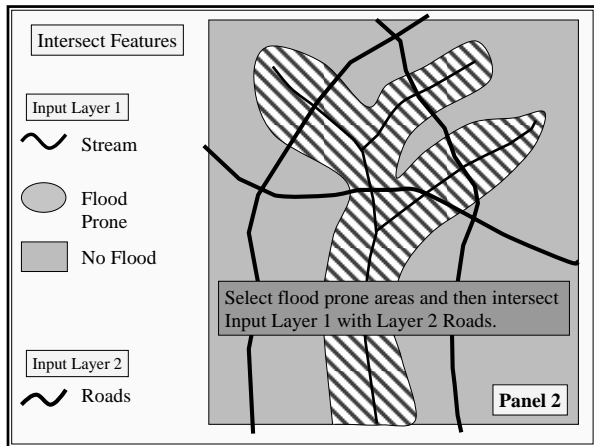
# Clip



# Intersect

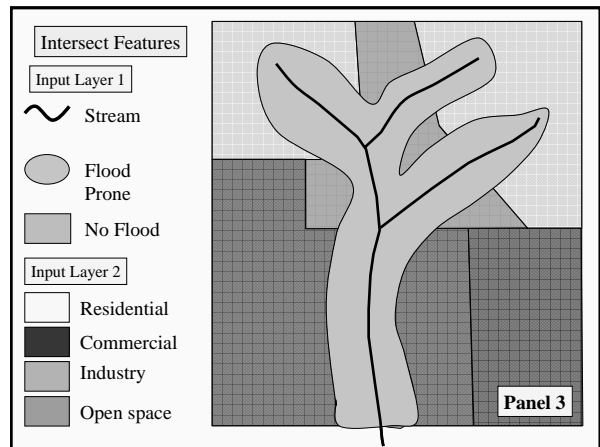
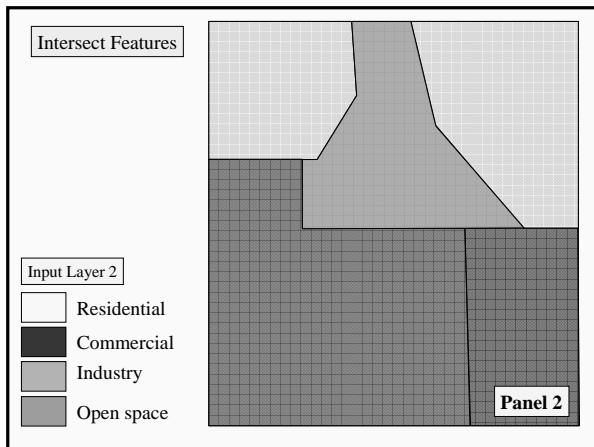
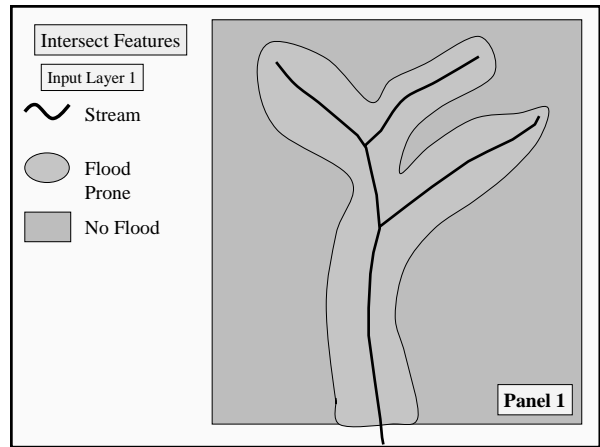
- ## Intersection
- ◆ Where are the Road segments that are in flood prone areas.
  - ◆ Select flood prone from Input Layer 1
  - ◆ Intersect roads and flood prone [Layer 2].

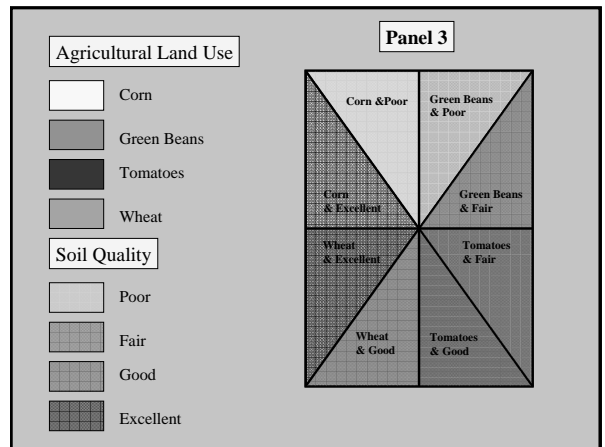
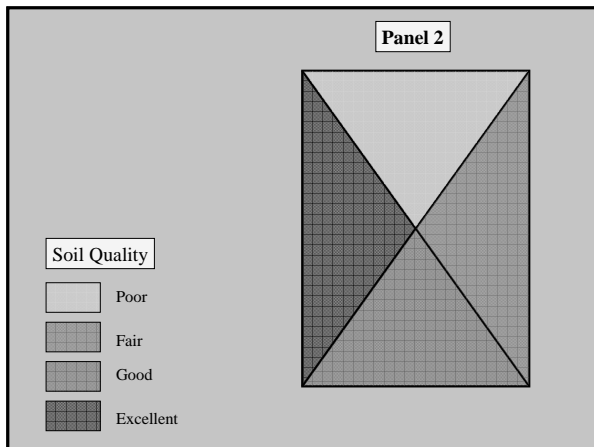
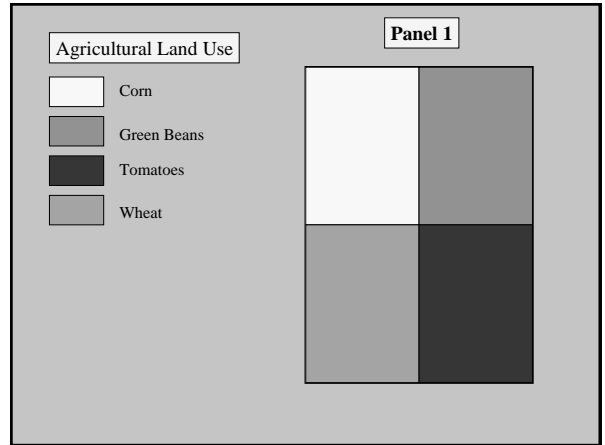
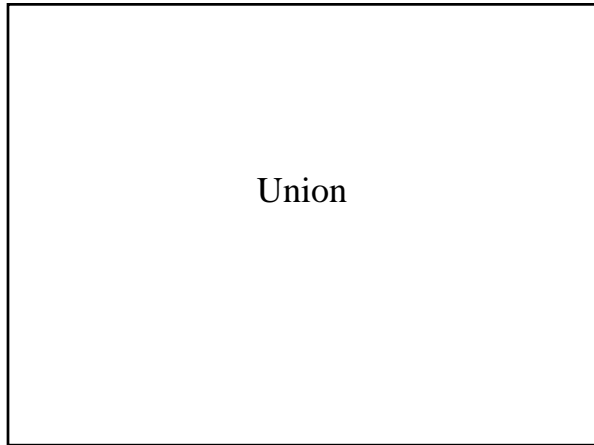
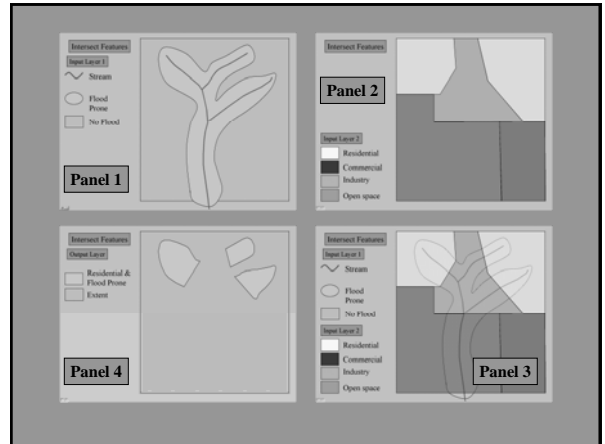
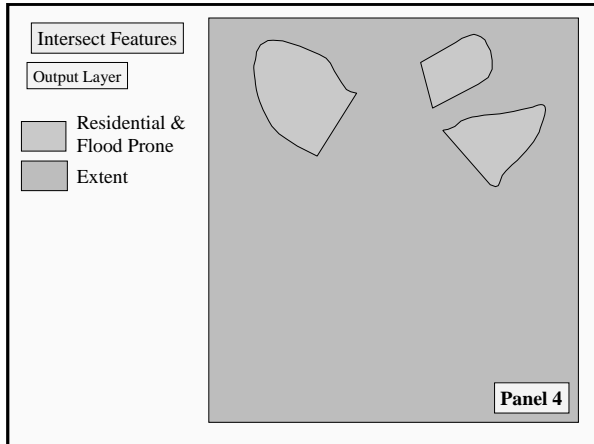




## Intersection

- ◆ Where are the places that are residential and flood prone.
- ◆ Select flood prone from Input Layer 1
- ◆ Select residential from Input Layer 2
- ◆ Do the intersection.

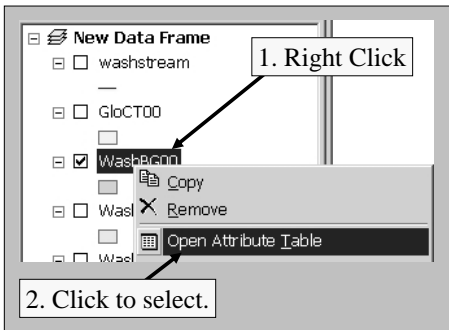




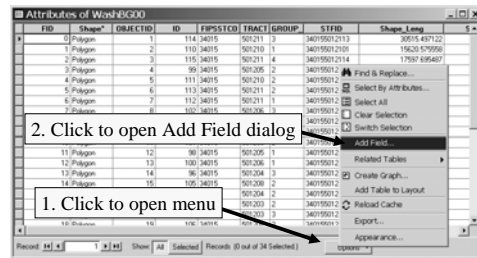
Let's See How It Works

Dissolve

### Dissolve Operation



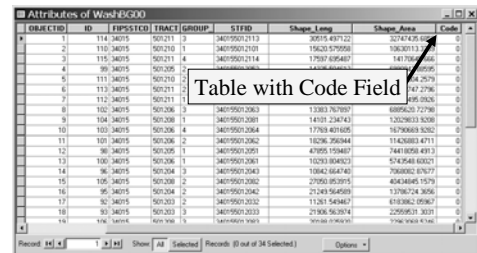
### Add Field for Dissolve



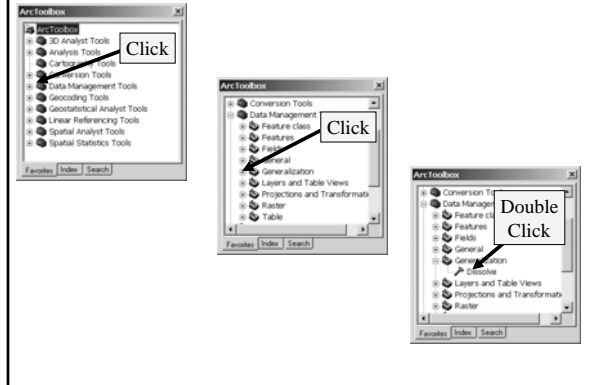
### Name and Type of Field for Dissolve



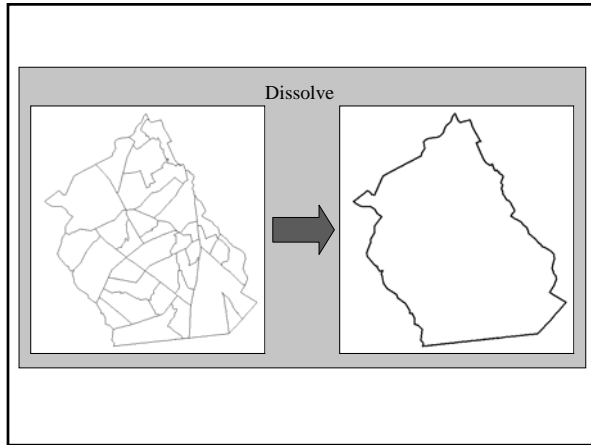
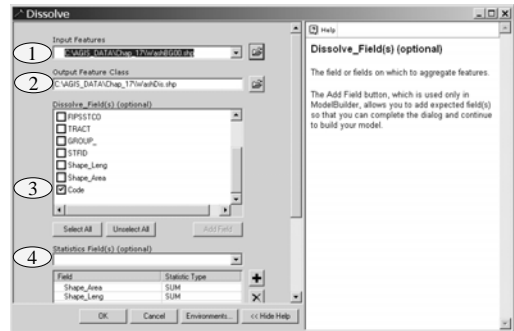
### Resulting field



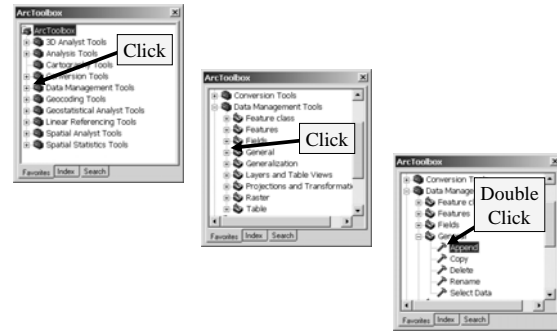
## Do the Dissolve



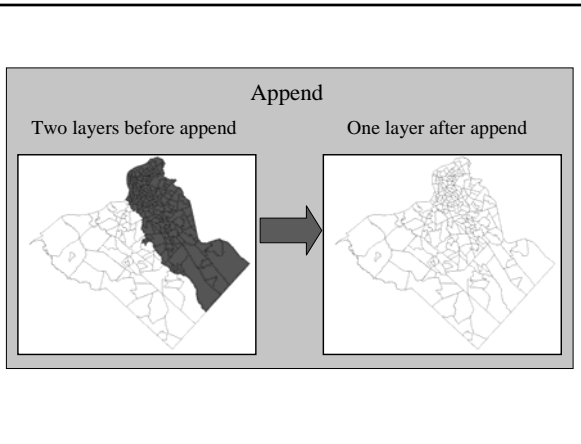
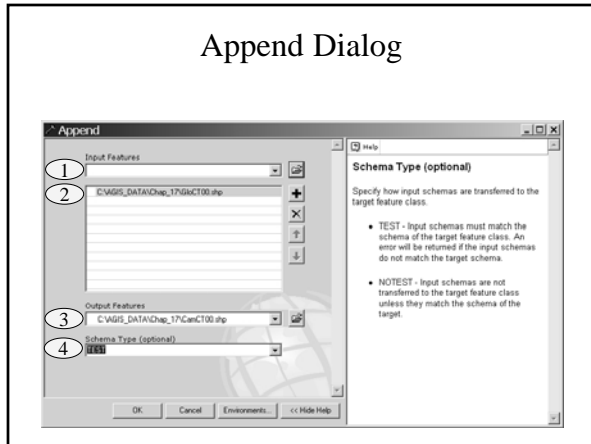
## Dissolve Dialog

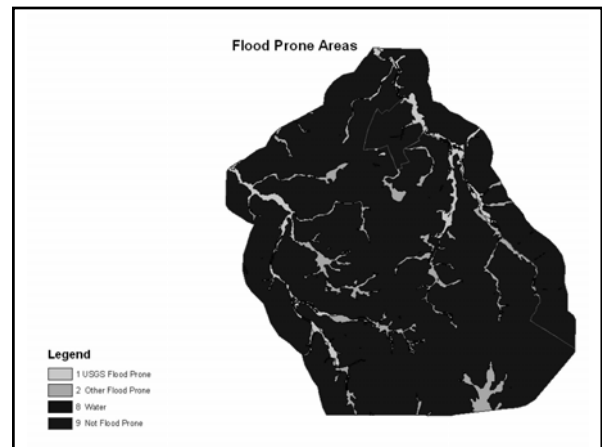
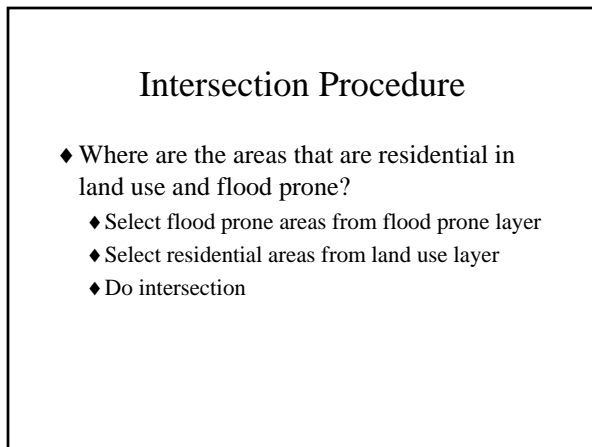
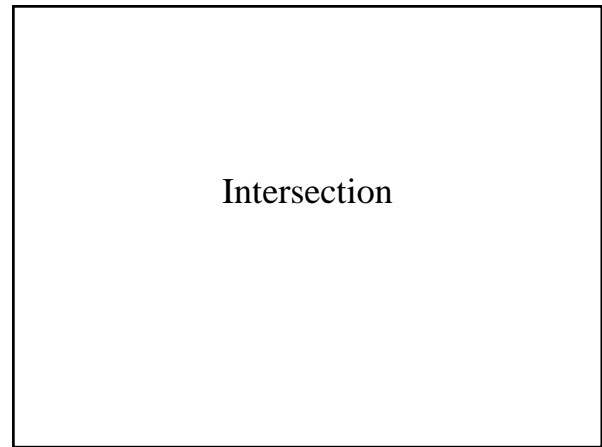
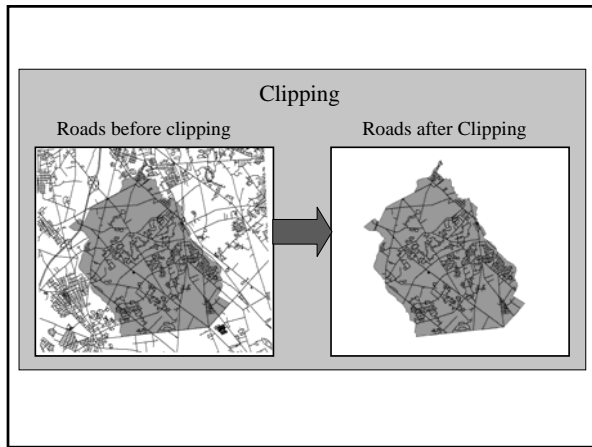
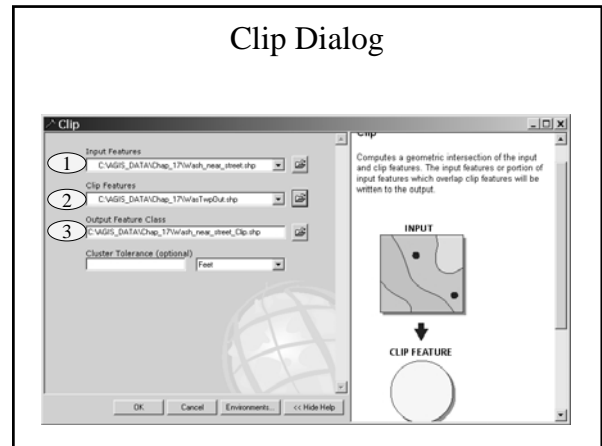
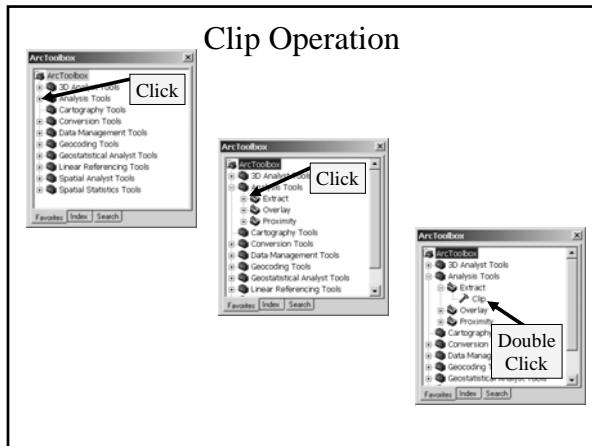


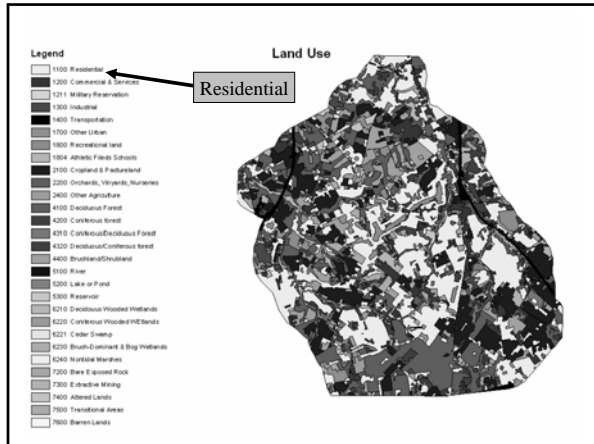
## Append Operation



## Append Dialog

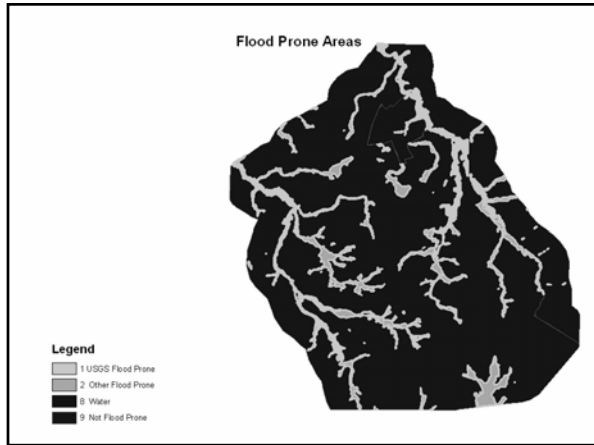






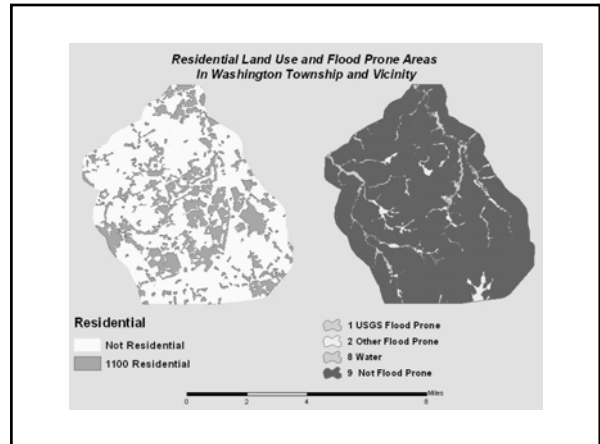
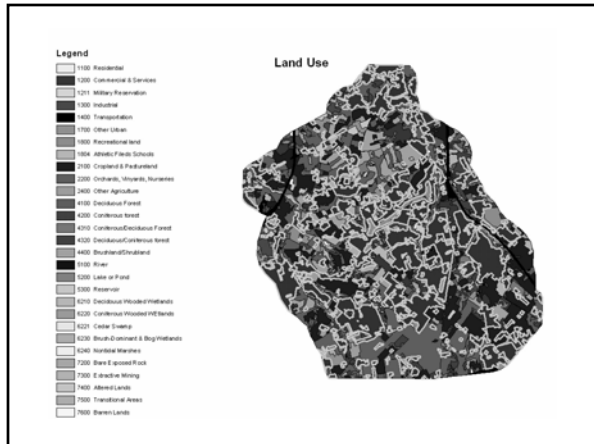
### Select by Attributes Dialog

Selecting flood prone and water areas

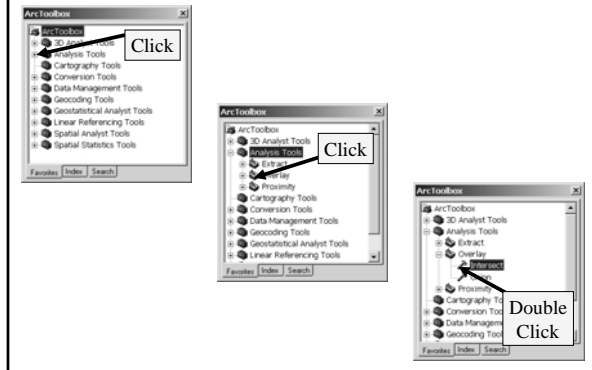


### Select by Attributes Dialog

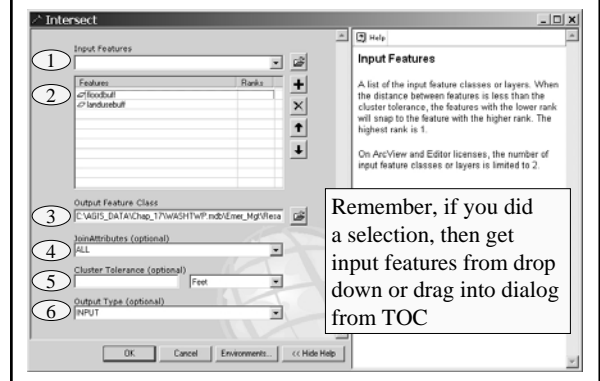
Selecting residential areas



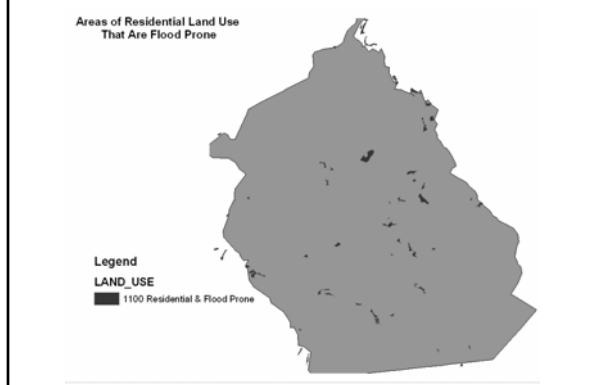
## Intersection Operation



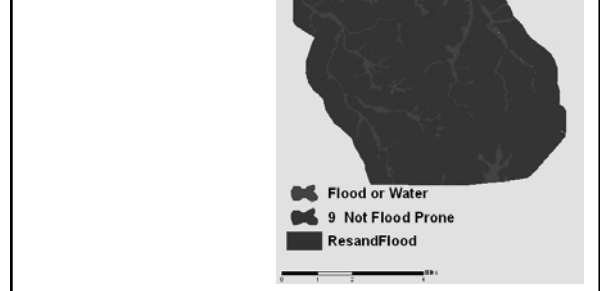
## Intersection Dialog



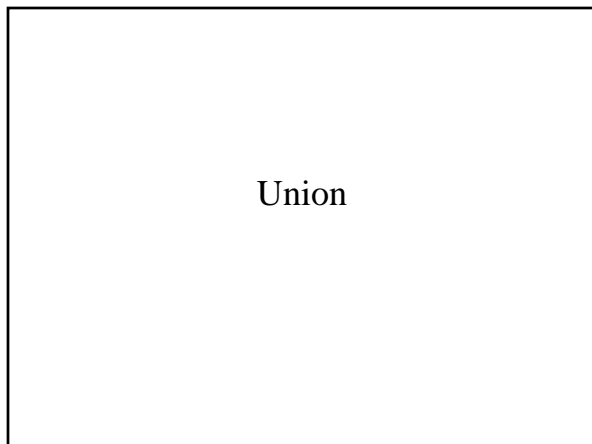
## Intersection Result



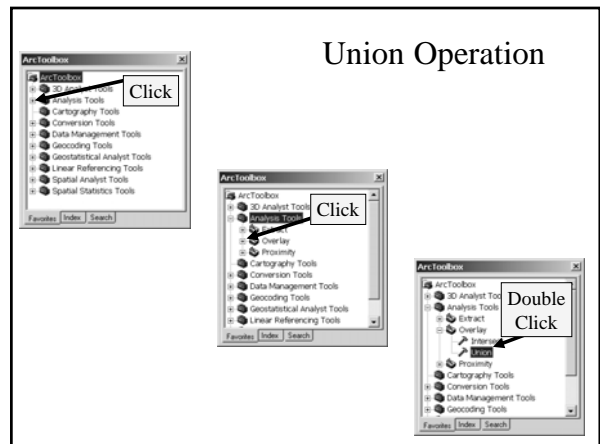
## Intersection Result



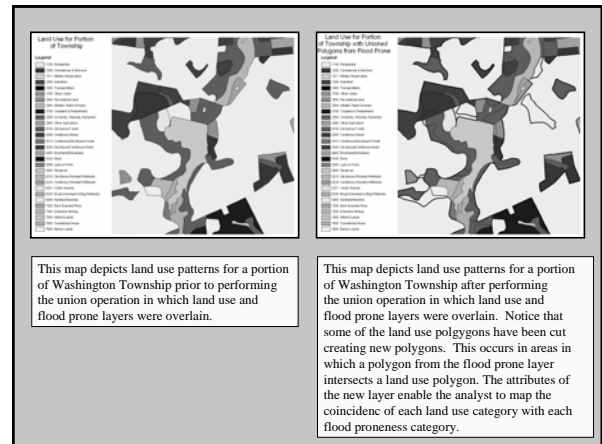
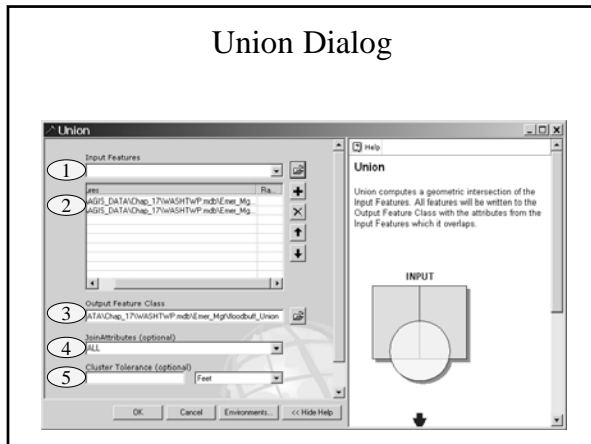
## Union



## Union Operation



## Union Dialog



## Chapter dataset

