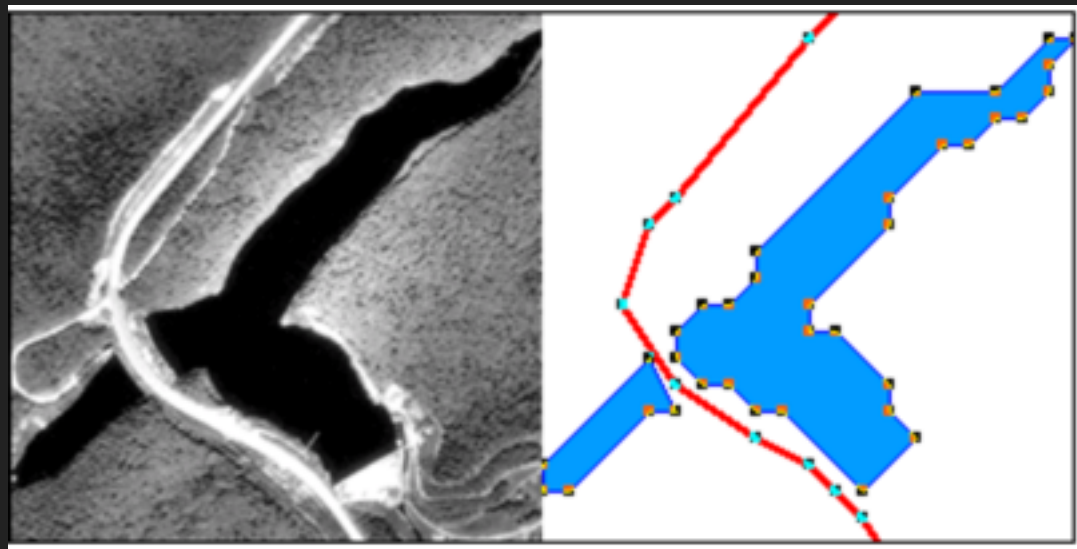


FIELDS

- ▶ Fields present a view of the world in which Earth is a continuous surface that is characterized by a number of properties
- ▶ e.g., temperature, land use, soil pH



OBJECTS VS FIELDS: CONCEPTUAL DIFFERENCES

▶ **Observed element**

- ▶ In the object model, focus is on the “object”
 - ▶ Object may have multiple attributes
- ▶ In the field model, focus is on the “attribute”
 - ▶ Attribute varies over space

▶ **Empty space**

- ▶ In the object model, space between entities is “empty”
- ▶ No empty space in the field model