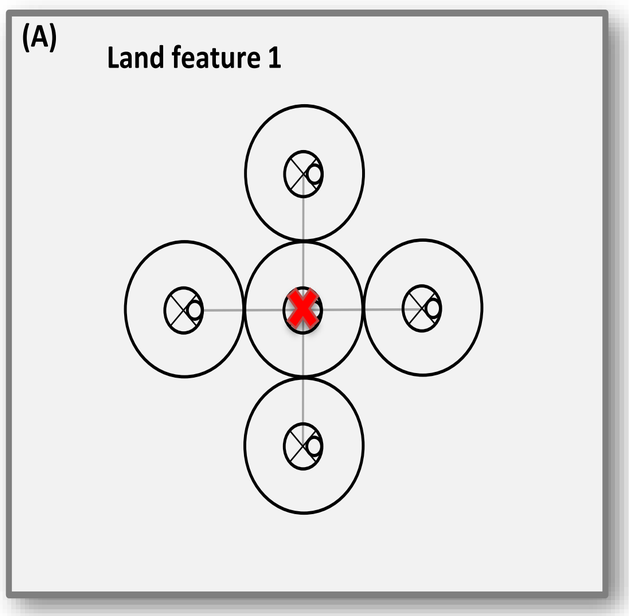
Land Feature Data Collection

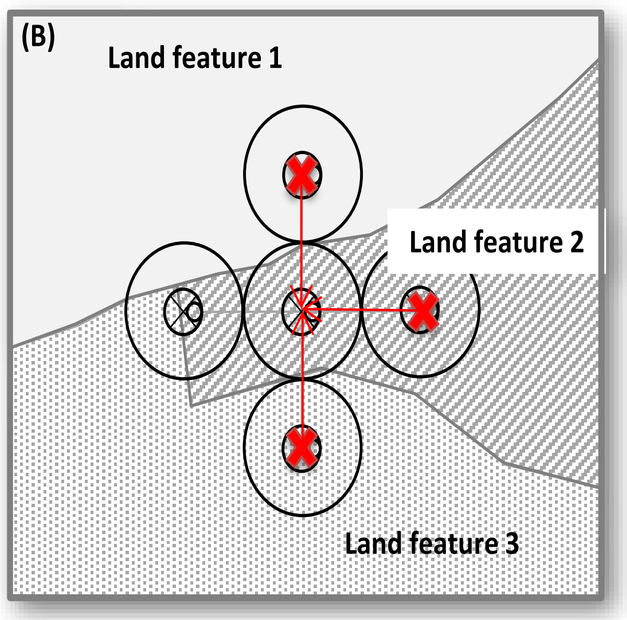
Integration of remote sensing with field data using object based LCML/LCCS approach

DESCRIBING LAND FEATURE BY OBJECTS

- Conventional system of assigning land classes (such as forest land, cropland, grassland etc.) in the field are often vague or lacks appropriate definitions to allow their **comparability** with classification systems used in different maps.
- The BFI methodology does not rely on such **pre-defined** land cover class names.
- Instead, a detailed description of the **objects** identified within homogeneous land area are recorded using the Land Cover Meta Language/Land Cover Classification System (**LCML/LCCS**) approach.
- Objects are the **physical features** of an area of land that is observed in the field at the time of data collection.
- The combination of objects within an homogeneous area of land constitutes a **land feature**.

ASSINGMENT OF GEOGRAPHIC REFERENCE POINT TO LINK WITH SATELLITE IMAGERY

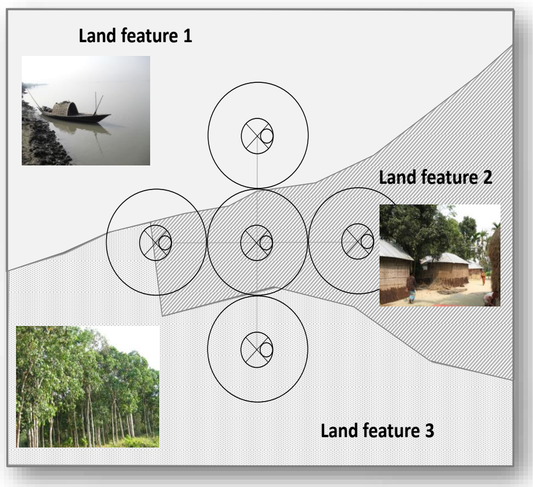




WHAT DO WE NEED TO KNOW?

- How many land feature: **1**
- How big: More than **0.5** ha
- Crown cover: **60-70%**
- What are the different objects: **Tree**, **shrub**, **herb**.
- Characteristics of objects: artificiality, object cover, growth form, management, comments, etc.

IDENTIFICATION OF LAND FEATURE WITH SUPPORT FROM REMOTE SENSING



USE OF OPEN FORIS COLLECT (OFC)