Assessment of Object-Oriented Feature Extraction to Support the U. S. Army Corps of Engineers Mitigation and Recovery Land Cover Mapping Series

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Object Oriented Feature Extraction

- Spectral Information
- Spatial Association
- Size
- Shape
- Texture
- Pattern
Three Broad Categories of Classification

- Aquatic
- Wetland
- Upland
R-2 Main Channel Deep Water
R2UBH - Side Channels or Chutes
40 - Forested
80 - Cultivated – Levee Feature
PSS - Scrub Shrub Wetland
PFO – Forested Wetland
PEM - Emergent Wetland
Conclusions

- **No Magic Bullet!!!**
- The value of the interpreter cannot be replaced
- Map compilation times can be greatly reduced
- Skill level requirements vary greatly between applications
- Feature model libraries and batch capability are extremely important in the map production environment