Recreation Routes Planning for Agriculture Landscape of Yangze Village

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The site: Yangze Village

Yangze Municipal Village, composed by the main Yangze Village and other 3 smaller villages, locates on a key position of North Fujian Region where a National Landscape Recreation Routes system is proposing.

- Village
- Farmland
- River
- Road

- Guoyuan Village
  Area: 0.060 km²

- Xiaryuan Village
  Area: 0.030 km²

- Yangze Village
  Area: 0.346 km²

- Tangxia Village
  Area: 0.041 km²

- Lonchi Village
  Area: 0.074 km²

- Houtang Village
  Area: 0.179 km²
Visibility scopes of villages

- Landscape visibility
- Long-range
- High-quality road areas
- Accessibility
- Floor
- Professional evaluation

Yangze Village
Guoyuan Village
Tangxia Village
Longchi Village
Visibility scopes of key scenes spots
High visual quality areas as potential location
Gradient: Slope as development suitability

Resources: Landcover as resources

Other Factors

Resources source: landcover data source from GlobeLand30. The data set is provided by National Geomatics Center of China. (DOI:10.11769/GlobeLand30.20000.db)
Consideration: other factors
1. Visibility analyses illustrated far more high-quality potential locations than we expected. Most of the selected places around the village had been surveyed and proved. Meanwhile, some key places we missed during the fieldwork. This approach is valuable to serve as an early-stage analytical tool besides its process, evaluation, and change modeling functionalities.

2. Construction of agricultural landscapes is complex. More parameters need to be integrated into different models.

3. Loops and reviews in the information process need to be improved and cooperation with traditional urban planning / landscape architecture approaches still need further investigation.

4. Public participation and stakeholder engagement have not yet been employed. Format of information visualization and exchange will become a new topic for working with non-professionals.
THANK YOU

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