

Table 1: Qualitative comparisons of generated 3D scenes in wilderness.

Methods	Snow Mountain	River	Forest
Infinigen	figs/mapgpt_3d_compare_infinigen_top.png	figs/mapgpt_3d_compare_infinigen_top.png	figs/mapgpt_3d_compare_infinigen_top.png
3D-GPT	figs/mapgpt_3d_compare_3dgpt3dpng.png	figs/mapgpt_3d_compare_3dgpt3dpng.png	figs/mapgpt_3d_compare_3dgpt3dpng.png
SceneX	figs/mapgpt_3d_compare_scenex3dpng.png	figs/mapgpt_3d_compare_scenex3dpng.png	figs/mapgpt_3d_compare_scenex3dpng.png
LatticeWorld	figs/mapgpt_3d_compare_latticeworld3dpng.png	figs/mapgpt_3d_compare_latticeworld3dpng.png	figs/mapgpt_3d_compare_latticeworld3dpng.png

Table 2: Qualitative comparisons of generated 3D scenes in rural areas.

Methods	Prompt or Description	Generated Images
BlenderGPT	Three trees in a row beside a neighborhood.	figs/mapgpt_3d_compare_blendergpt3dpng.png
SceneCraft	Three trees in a row beside a neighborhood.	figs/mapgpt_3d_compare_scencraft3dpng.png
CPG Landscapes	Organized Chambers, Trees, and Rocks.	figs/mapgpt_3d_compare_cpglandscapes3dpng.png
LatticeWorld	The map displays a mix of land cover with buildings concentrated towards the center and upper regions. The surrounding areas are predominantly covered in farmland, with small patches of trees.	figs/mapgpt_3d_compare_latticeworld3dpng.png