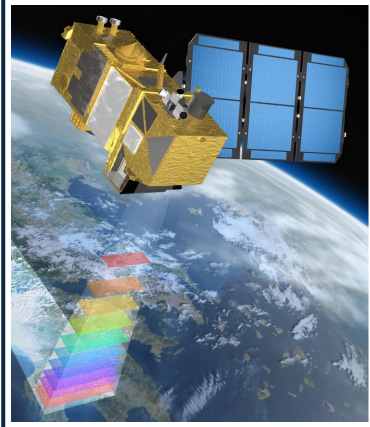
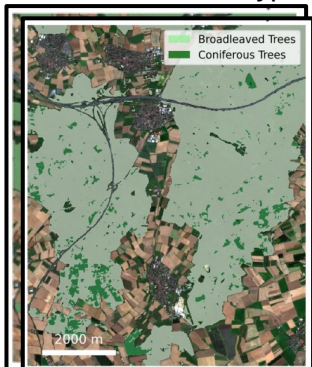


INPUT

MULTISPECTRAL
SENTINEL 2 (S2) ©ESA



AUXILIARY INPUT
DEM, Forest Mask,
Dominant Leaf Type



**GIVEN
THESIS ENABLER**

FORCE
S2 PREPROSSING,
COMPOSITE DATA CUBE

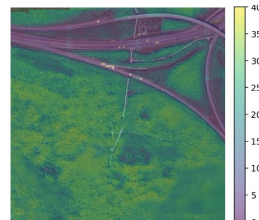
MODEL
LIDAR TO CHM

THESIS SCOPE

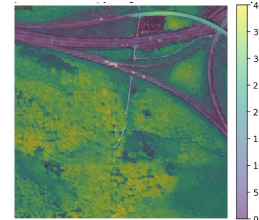
**CUSTOM
PREPROCESSING**

**MODEL
U-NET**

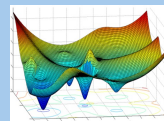
**PREDICTION
CANOPY HEIGHT MAP**



**GROUND-TRUTH:
ALS LIDAR**

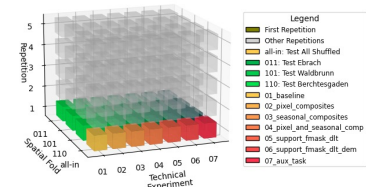


LOSS FUNCTION, OPTIMIZER

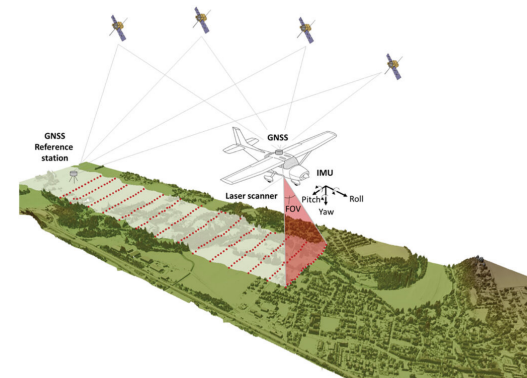


EXPERIMENT DESIGN
Input Data x Spatial Folds

Cube of Experiments: Exp x Spatial Fold x Repetition



REFERENCE INPUT
3 ALS SITES IN BAVARIA



Site Locations in Bavaria, Germany

