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24 November 2023

MAPS

Ahmad Agus Widodo, PhD Student

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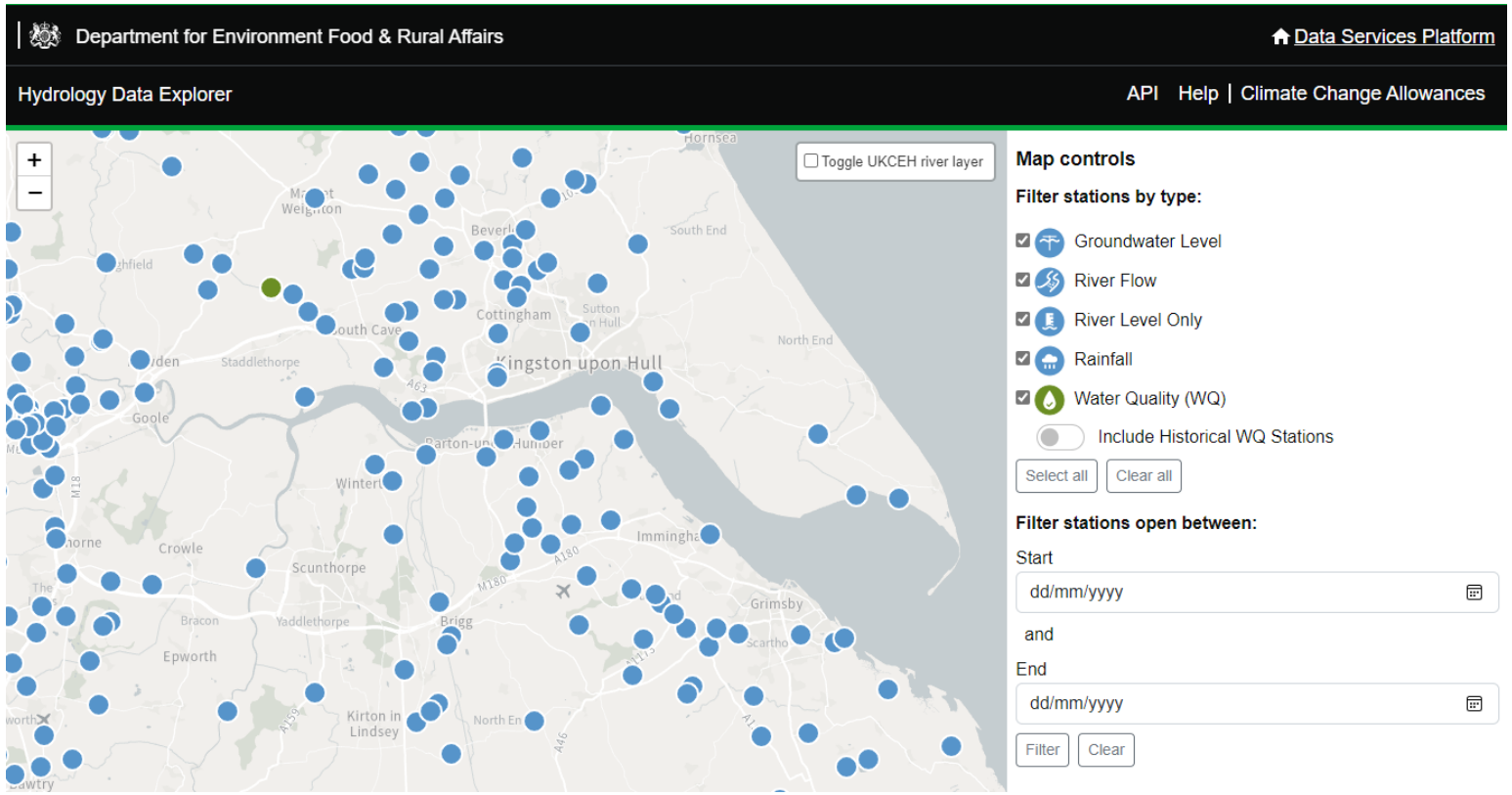
Update

- https://environment.data.gov.uk/hydrology/explore



Format data : data series

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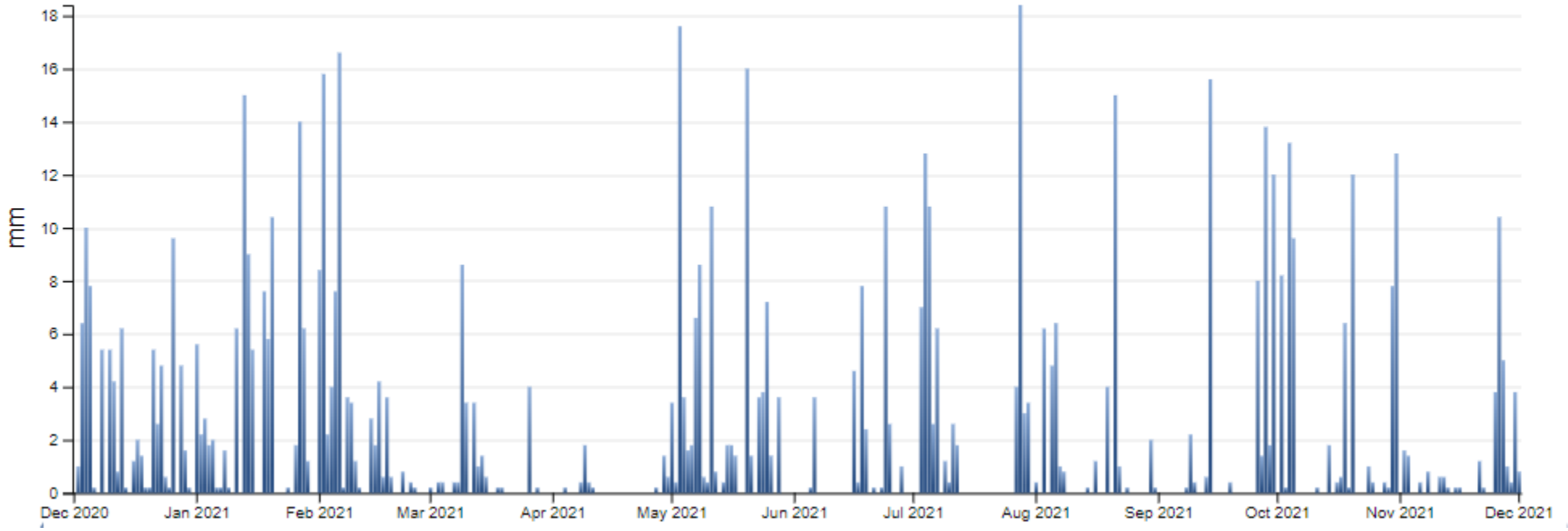
Update



Format data : data series

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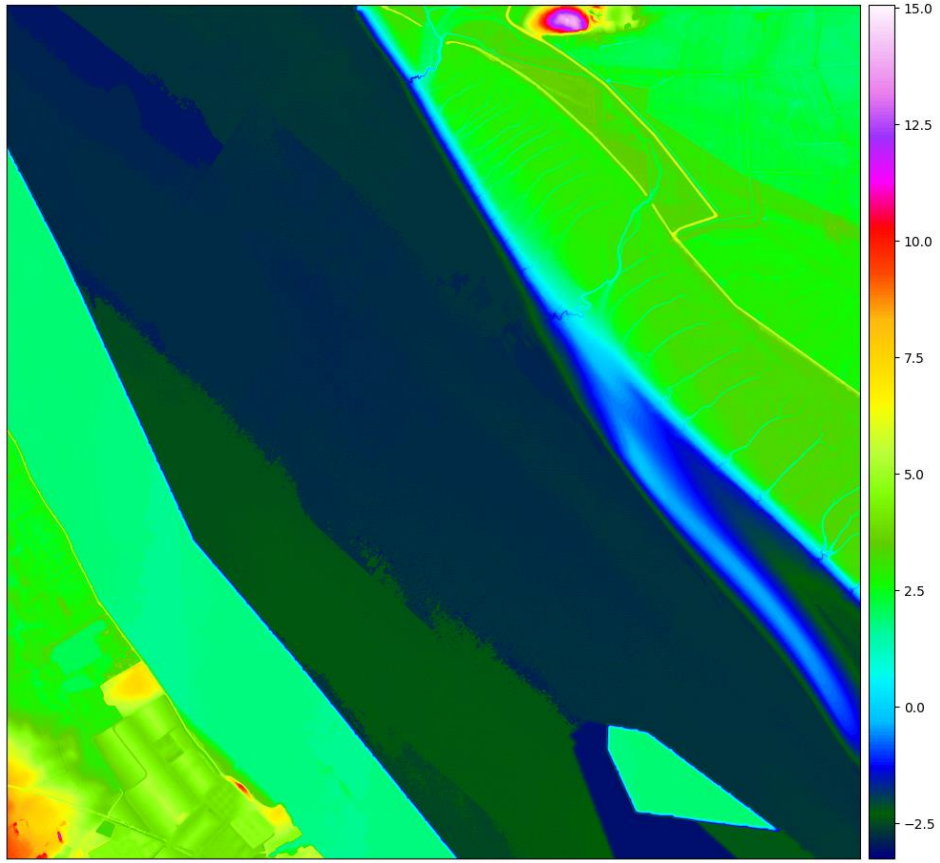
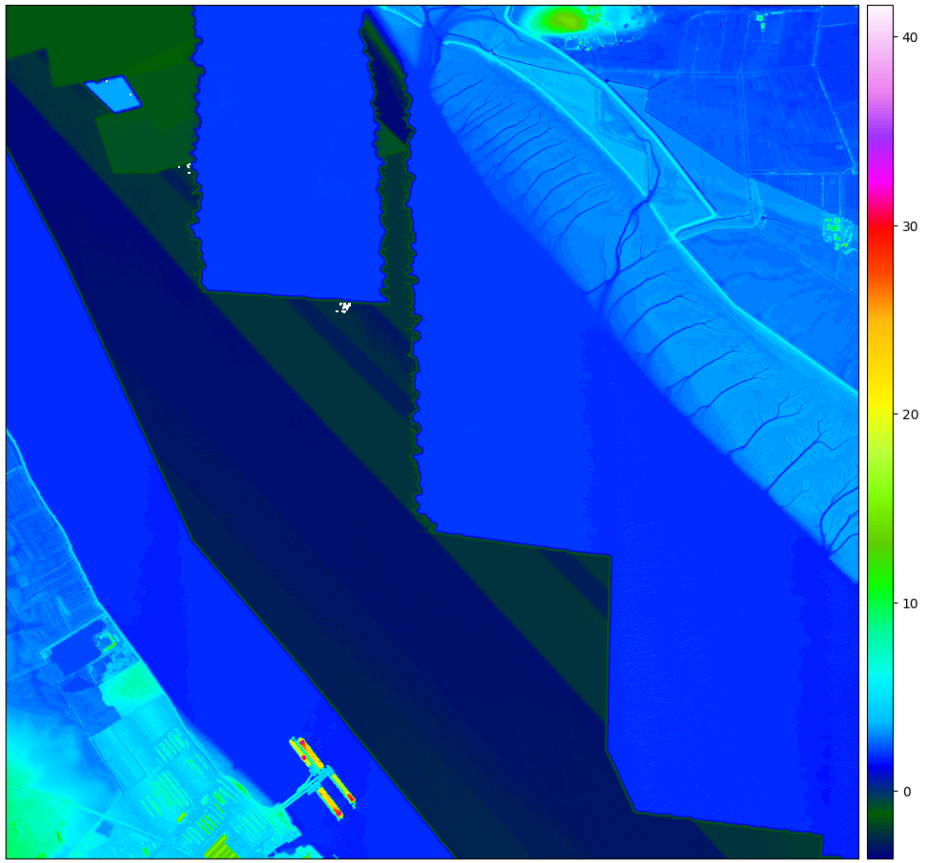


LIDAR Composite First Return



LIDAR Composite Last Return

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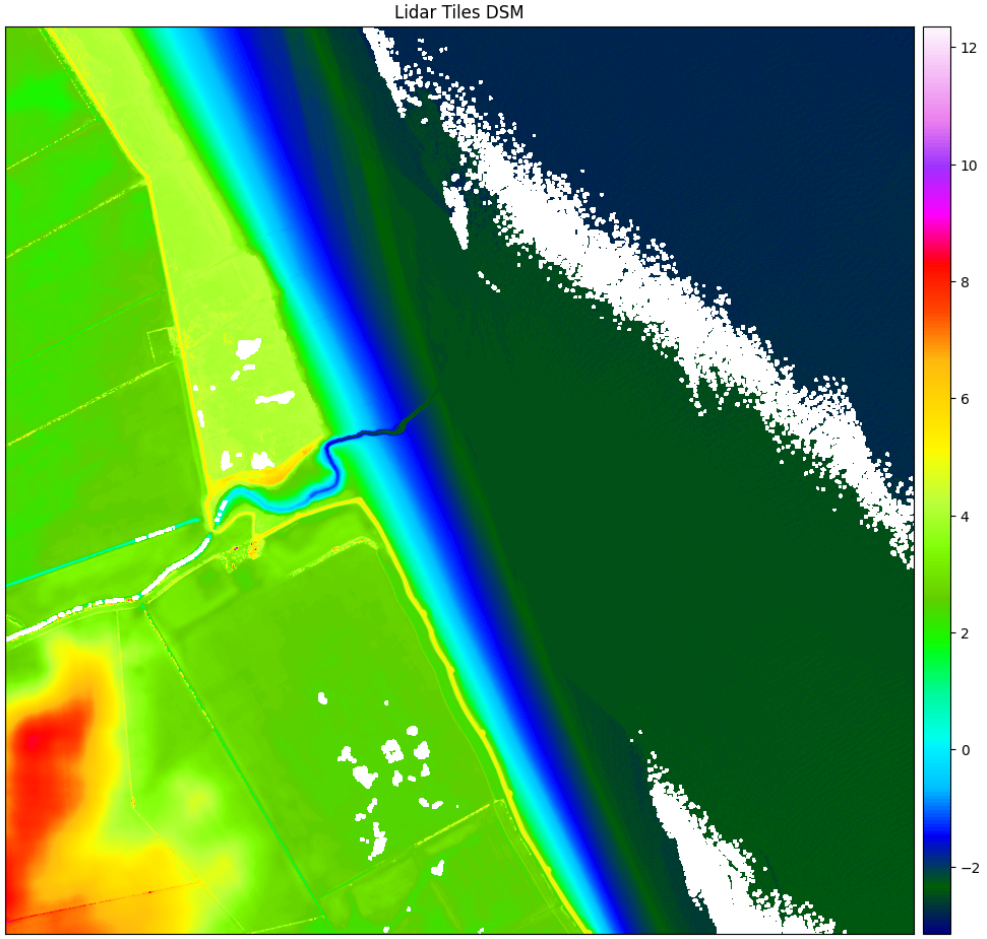

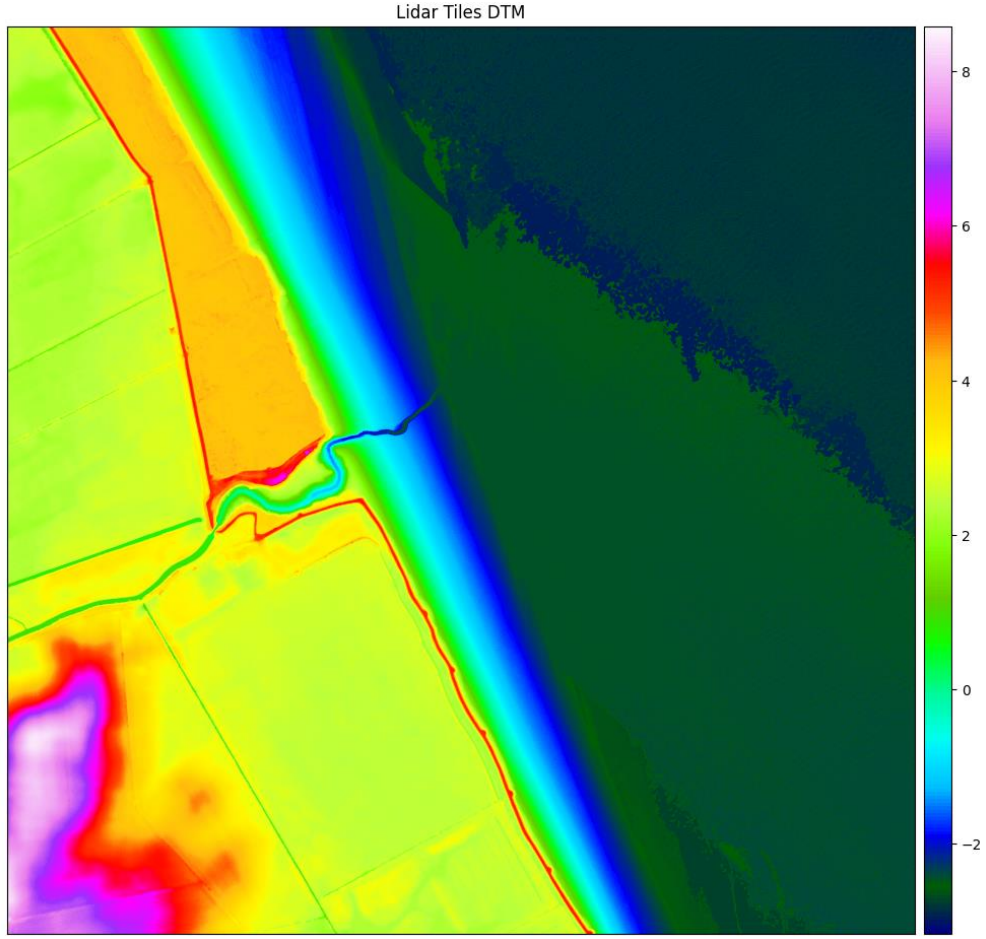

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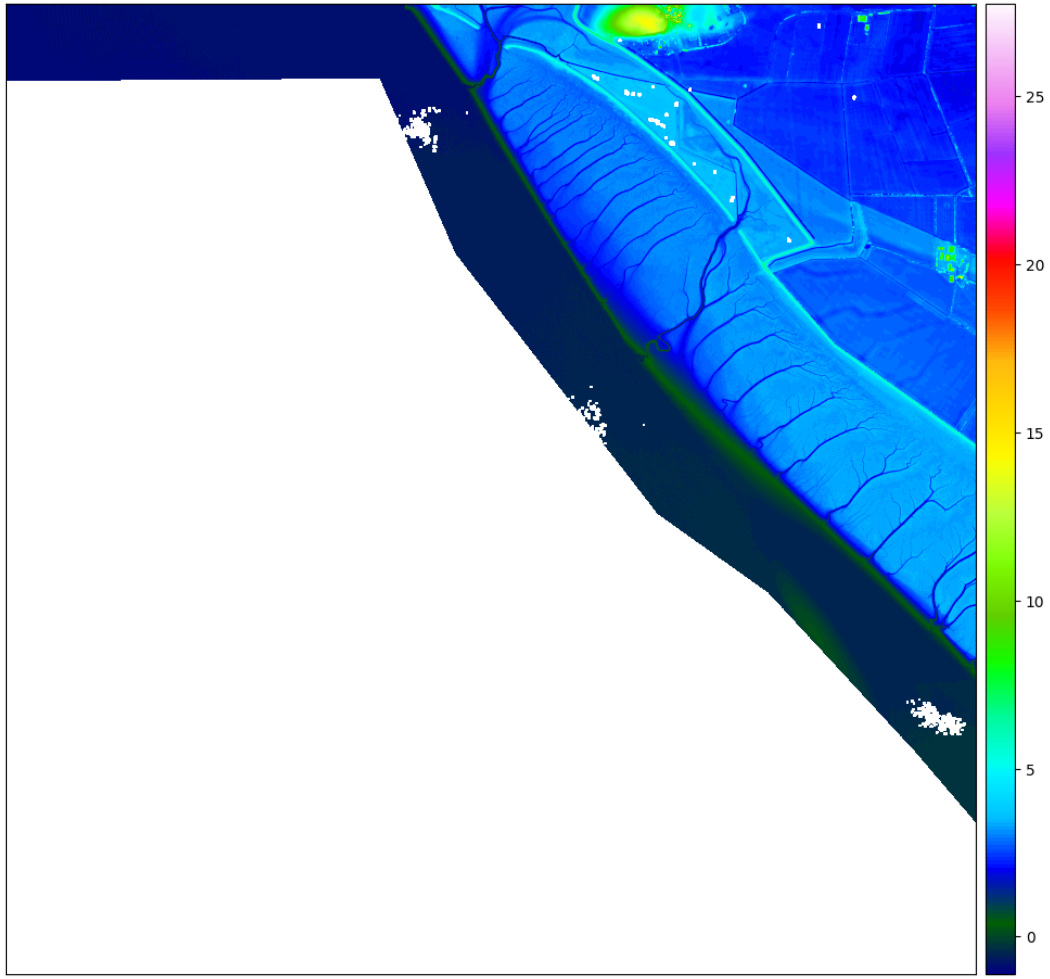
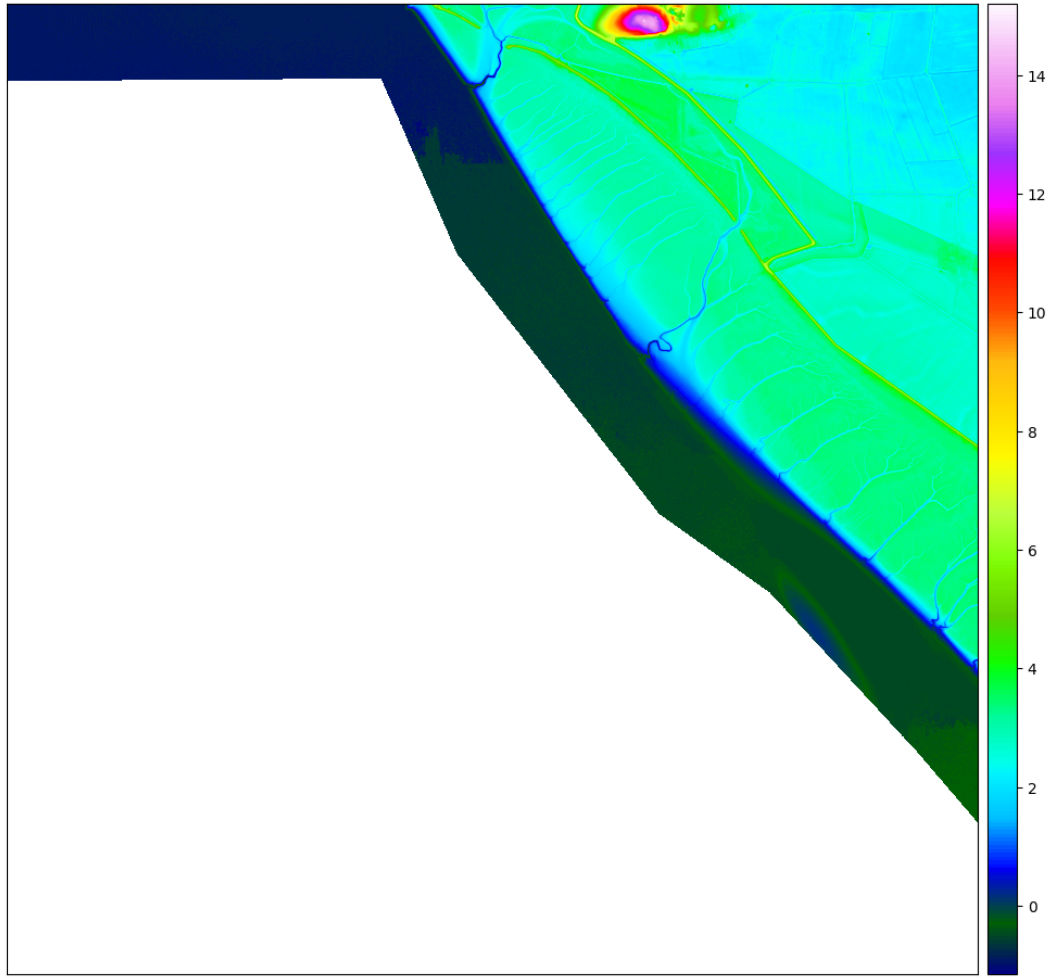
National Lidar DSM



National Lidar DTM



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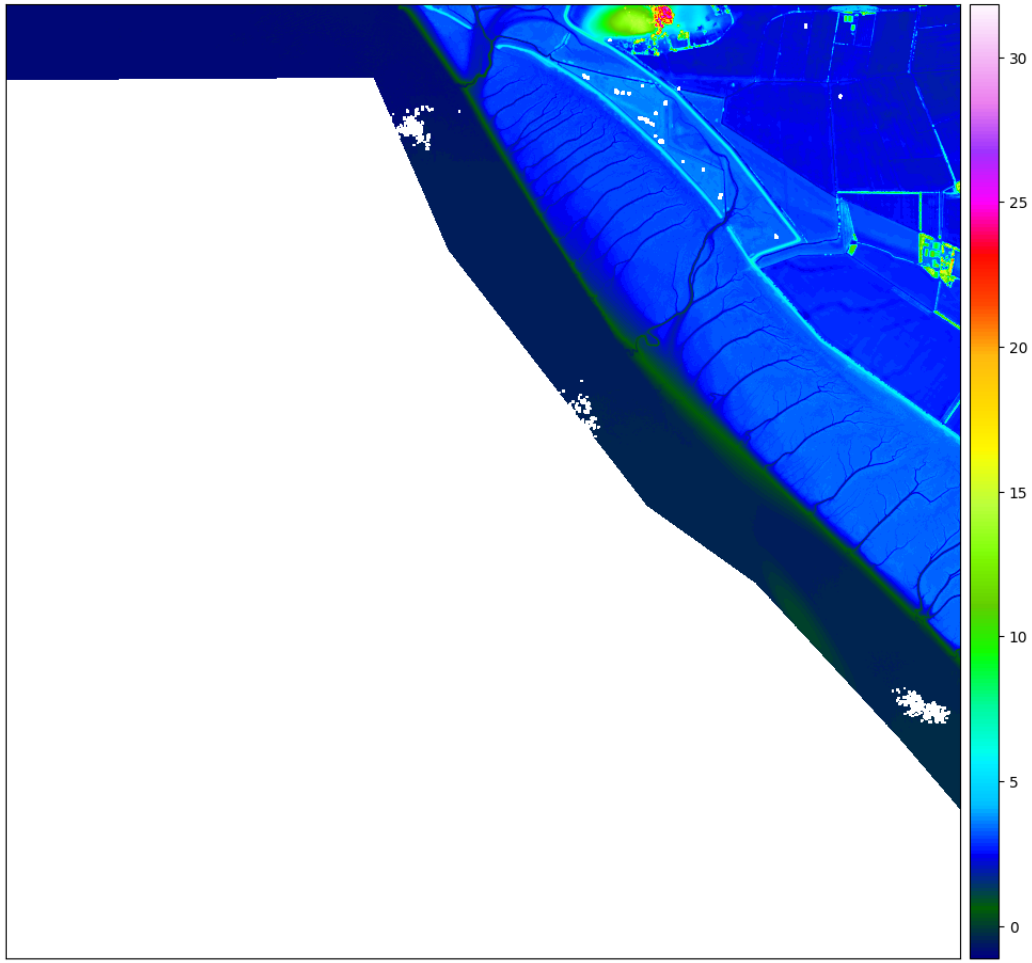
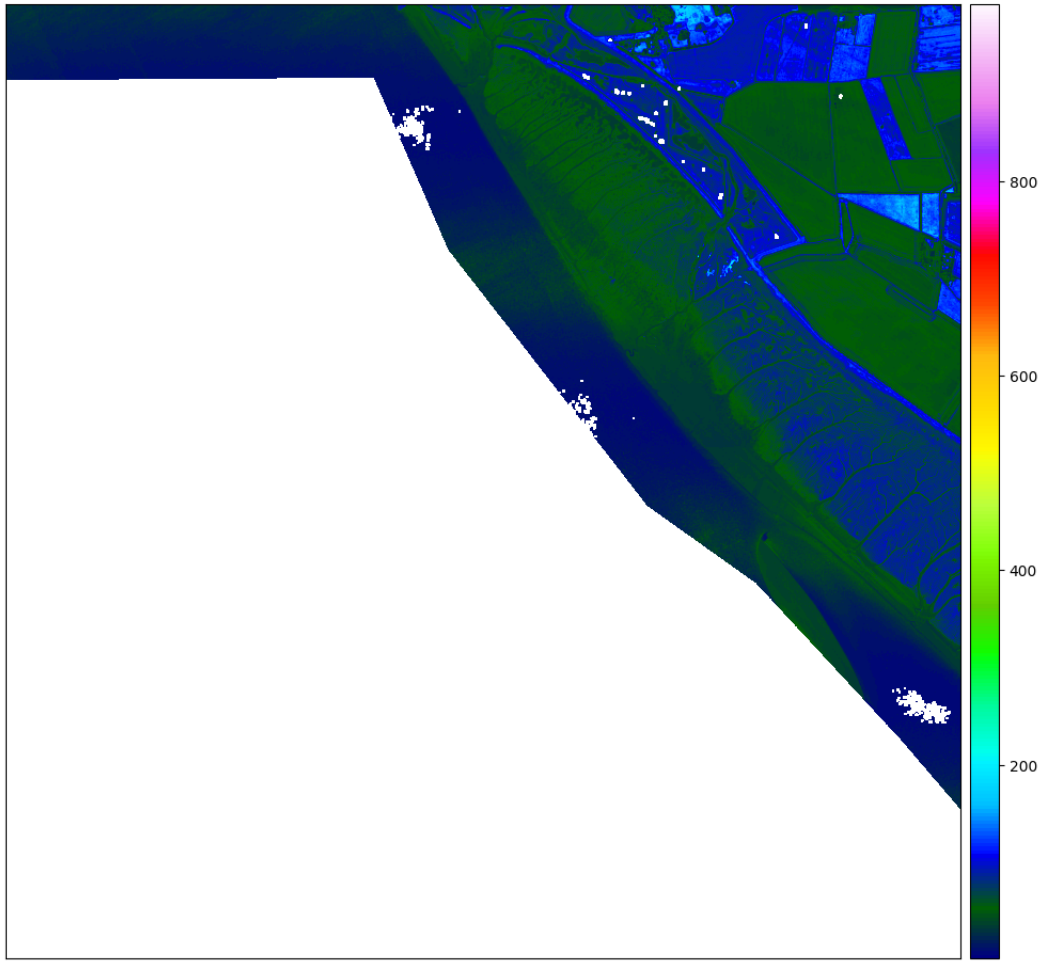
National Lidar First Return DSM



National Lidar Intensity



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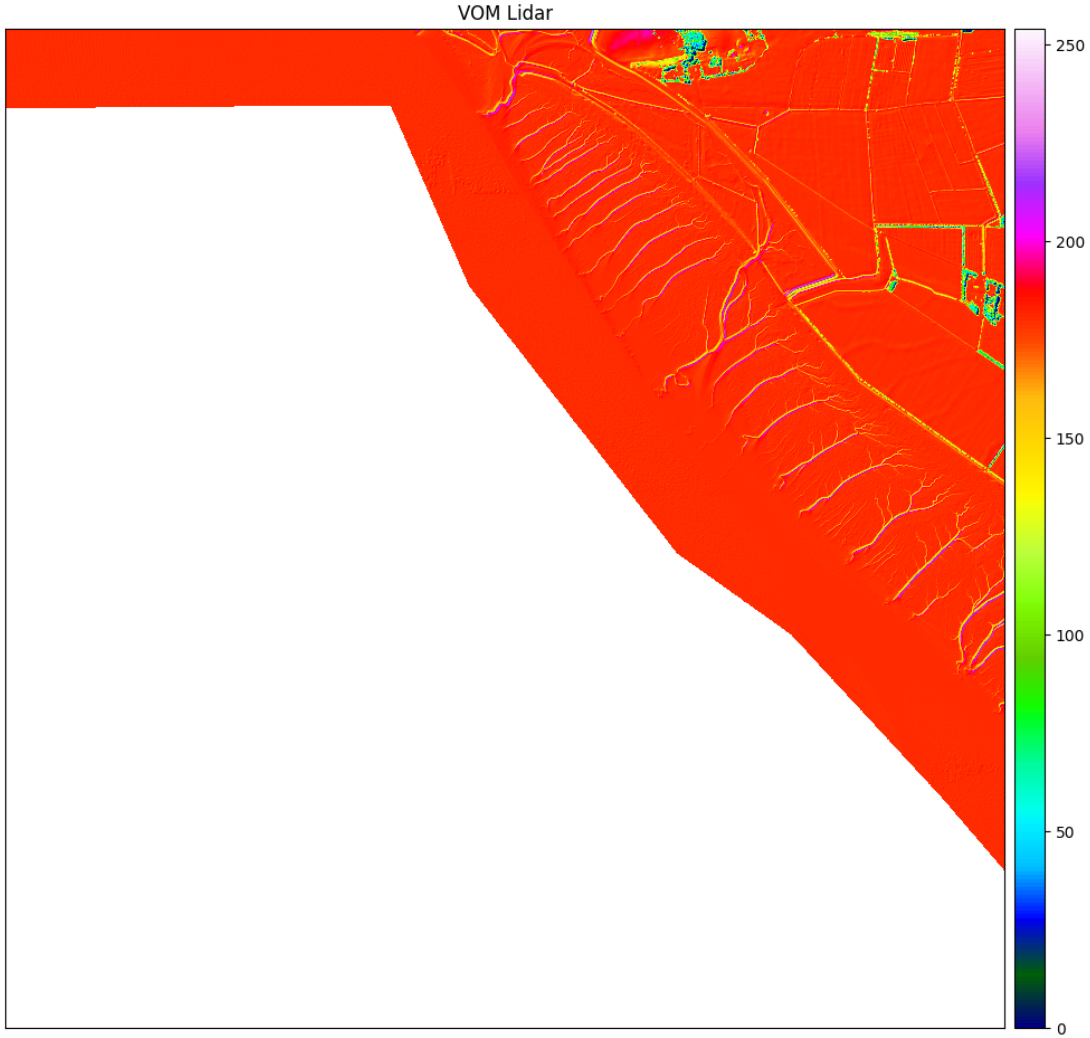

Vegetation Object Model (**VOM**)

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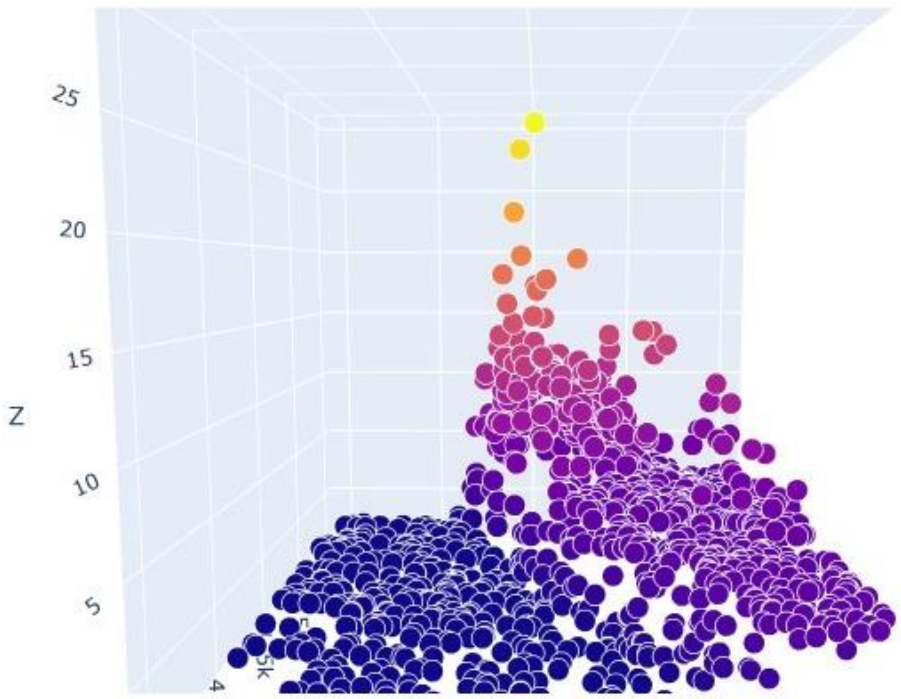

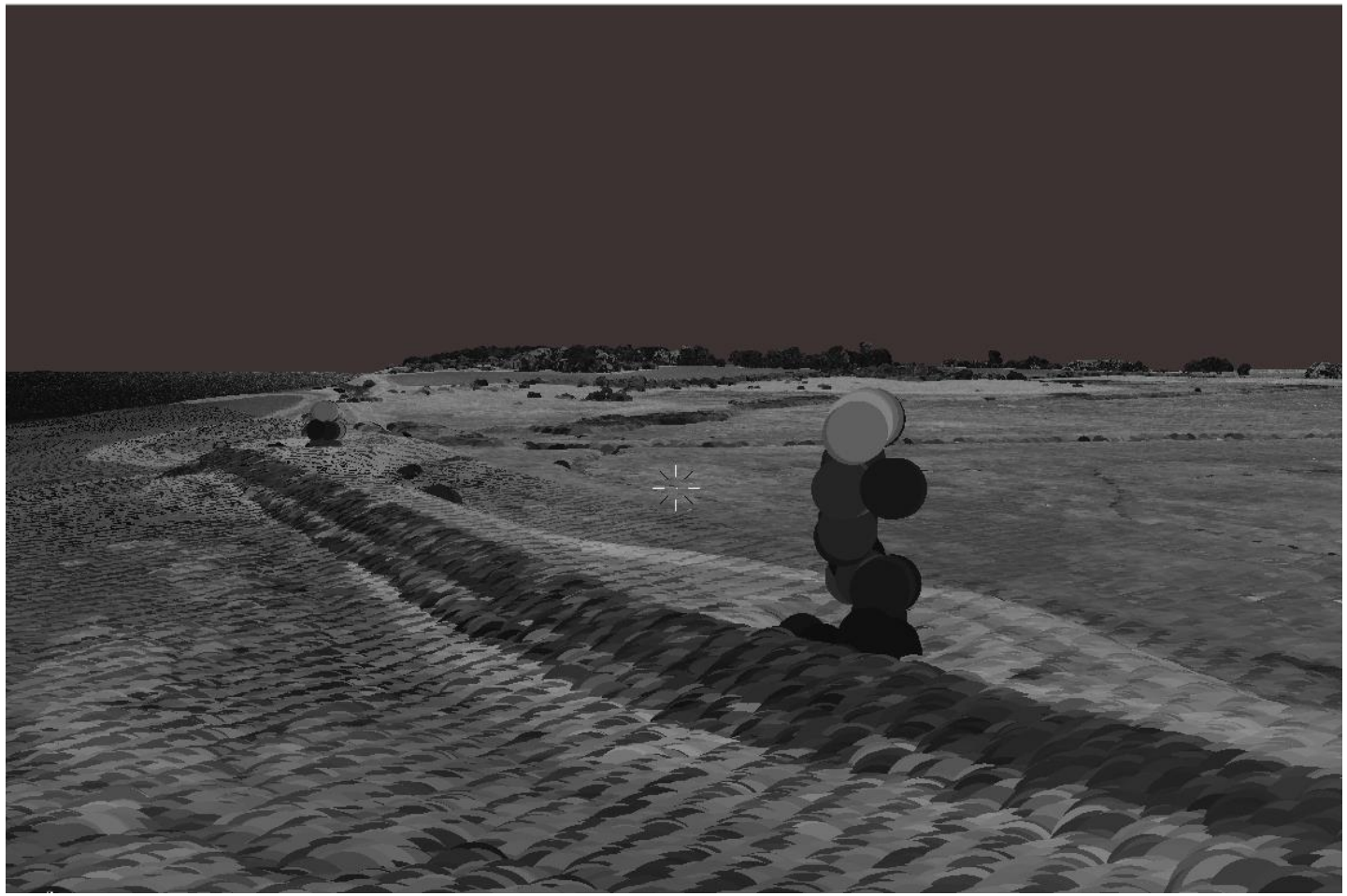

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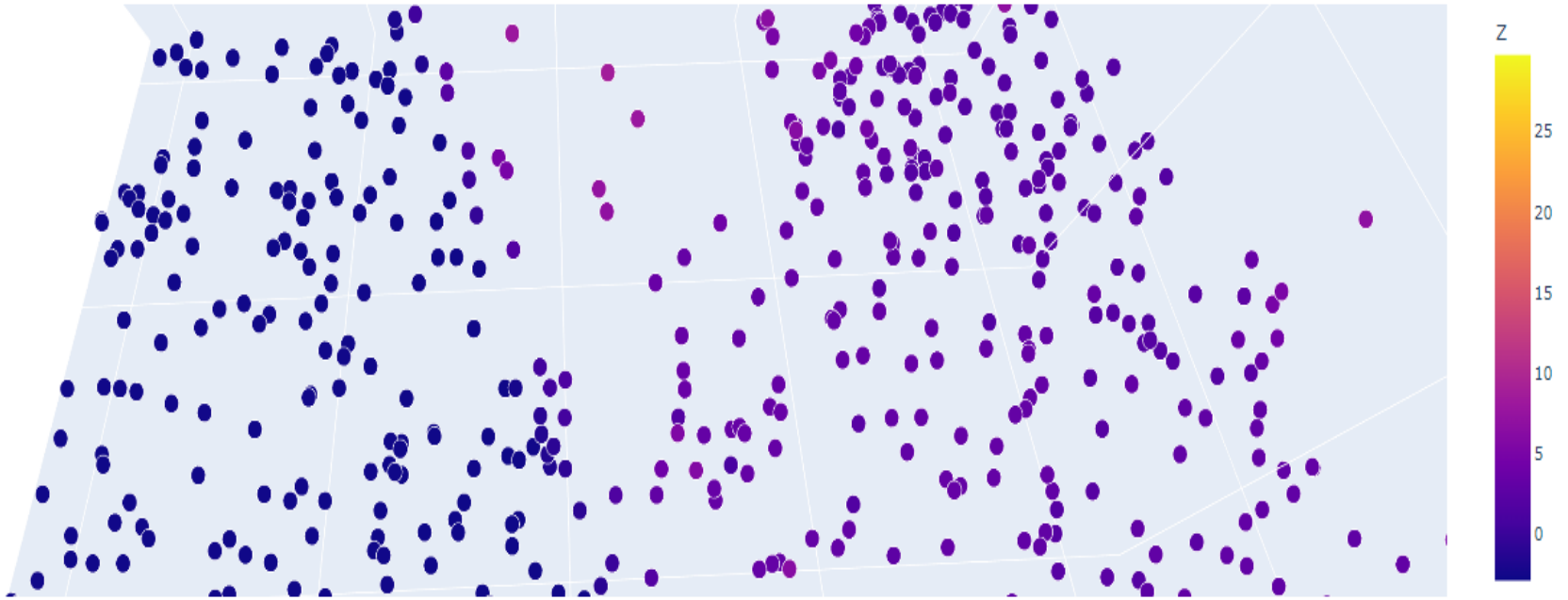
```
import plotly.express as px

# Create a DataFrame for easier plotting with plotly
import pandas as pd
df = pd.DataFrame({'X': np.array(x_sampled), 'Y': np.array(y_sampled), 'Z': np.array(z_sampled)})
df['size'] = 0.0000000001

# Create a 3D scatter plot using plotly
fig = px.scatter_3d(df, x='X', y='Y', z='Z', color='Z', size = 'size', opacity= 1)
fig.show()
```



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Reference