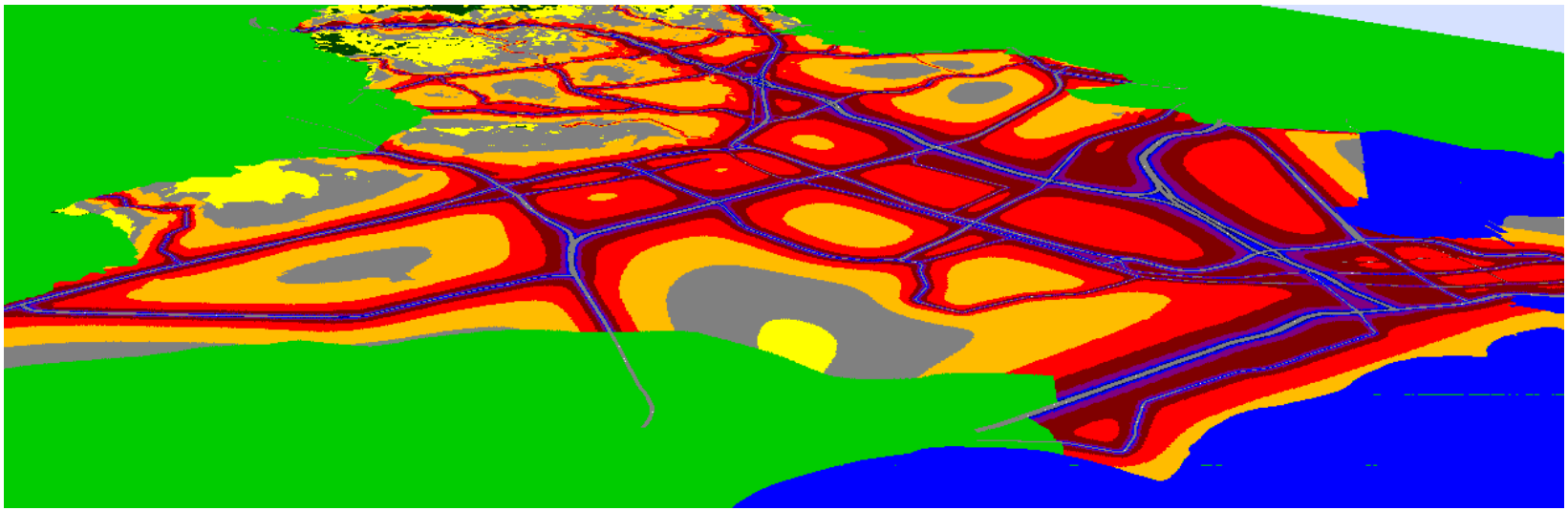
Noise Mapping San Juan - Puerto Rico



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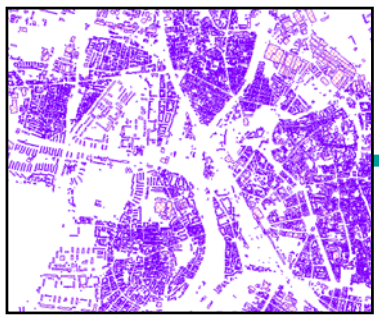
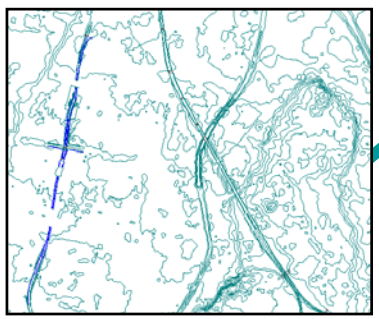
Generation of a Digital Town Model

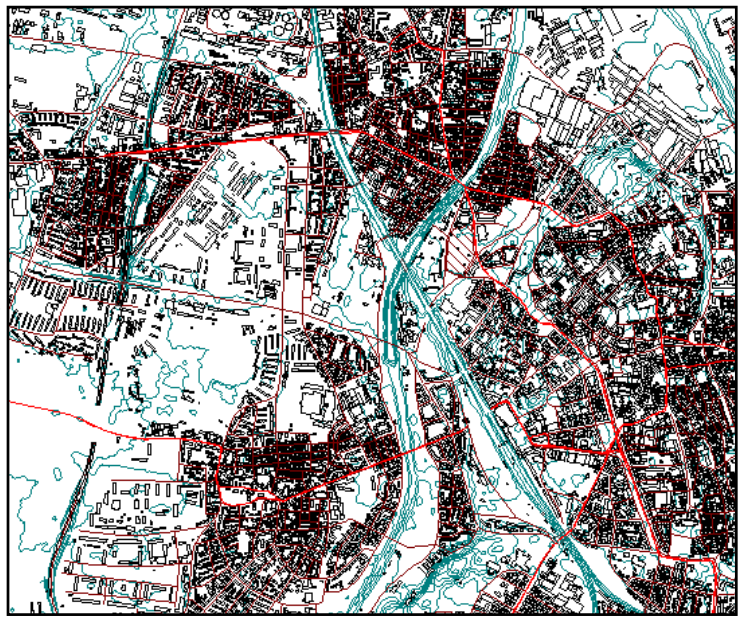
sources
(roads)

buildings



terrain





Digital Town Model

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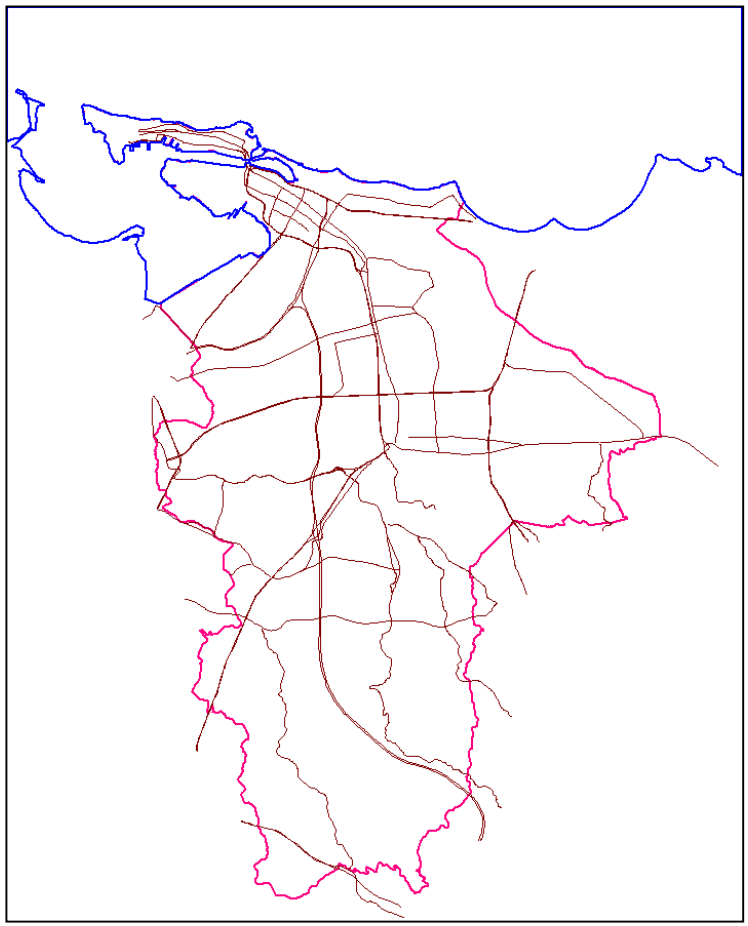

total road length: 280 km

distribution of traffic AADT:

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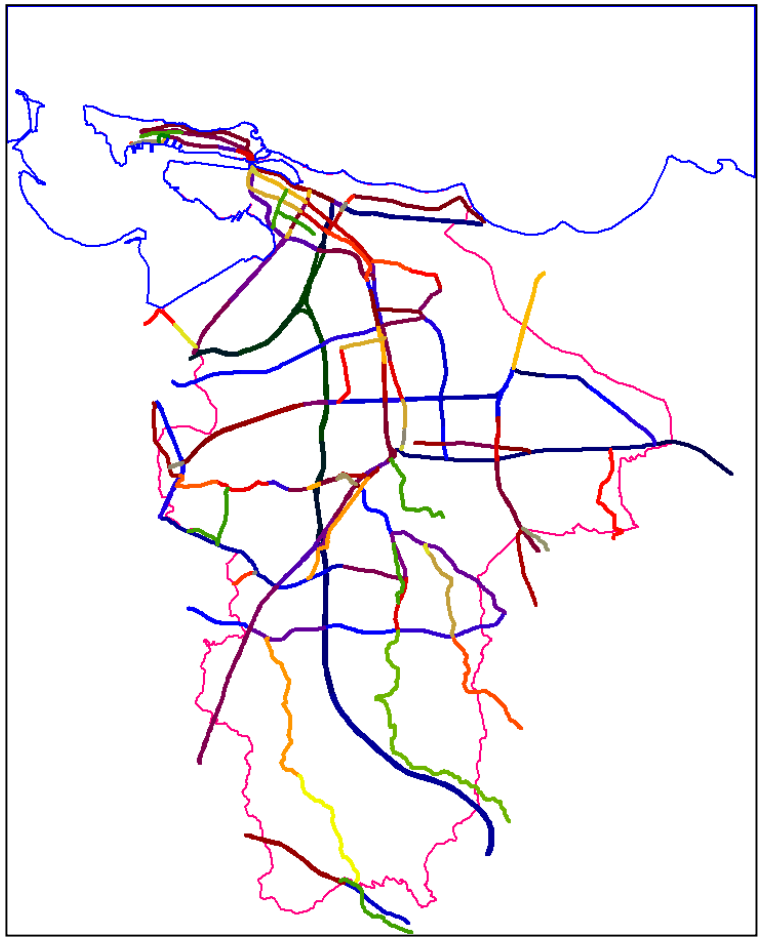
20000	50000	113.6
50000		66.9

roads
coast line
municipal border

Distribution of Traffic Load



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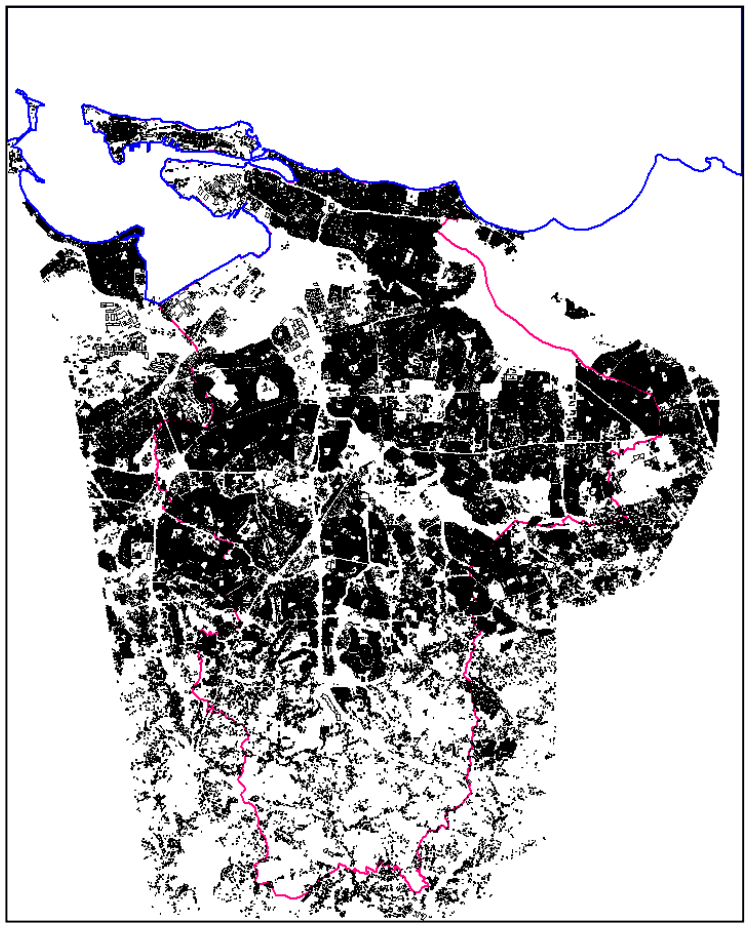

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buildings
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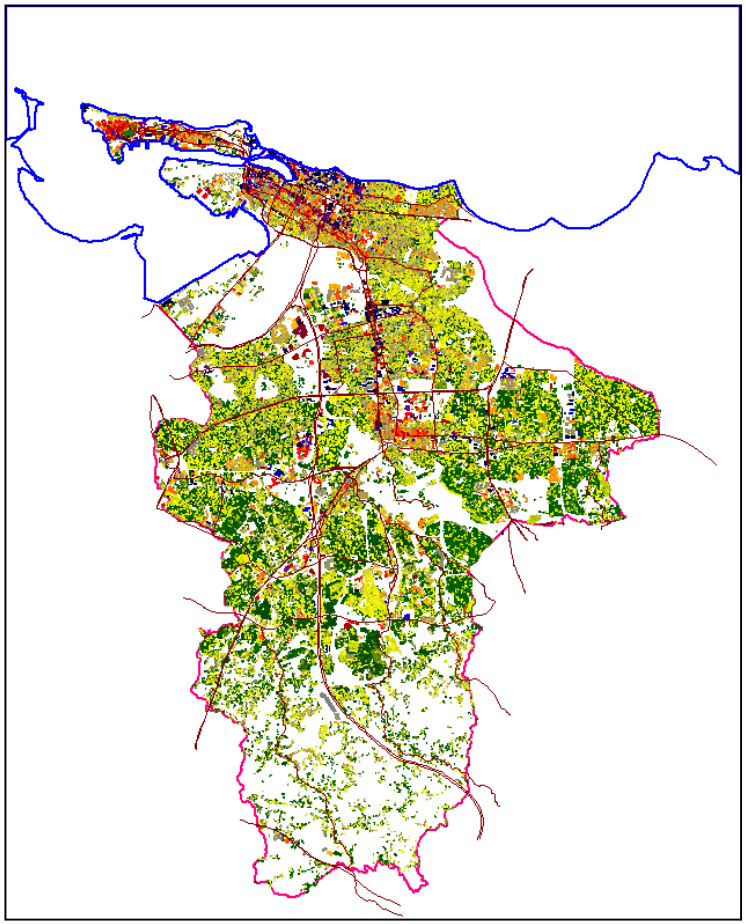
municipal border

Distribution of Building Heights



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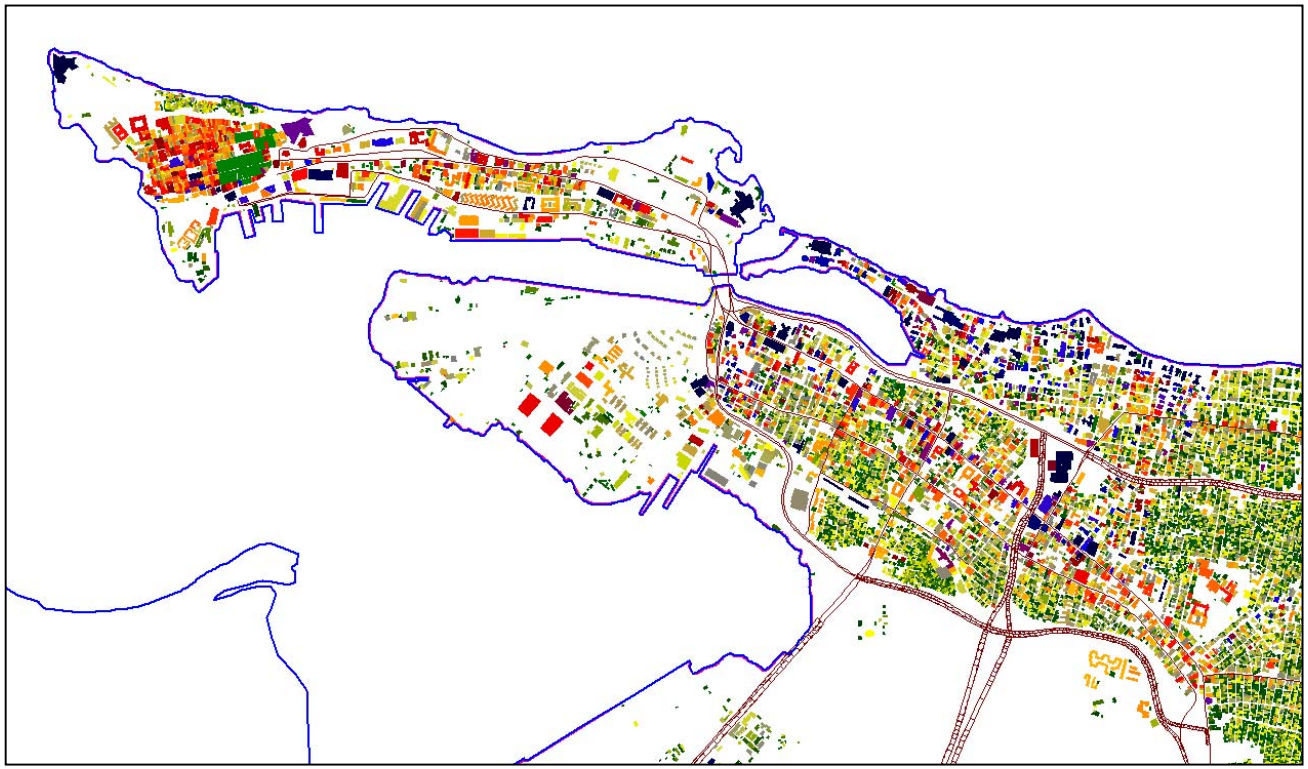
coast line
municipal border

Distribution of Building Heights
- San Juan town centre -



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coast line
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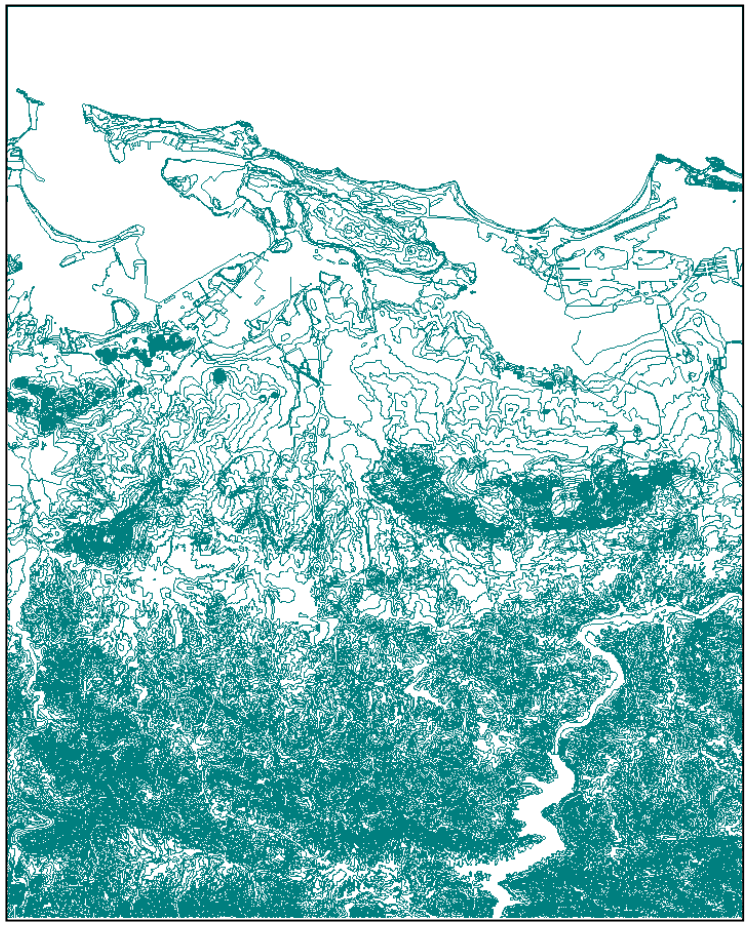
Input Data - Terrain Model



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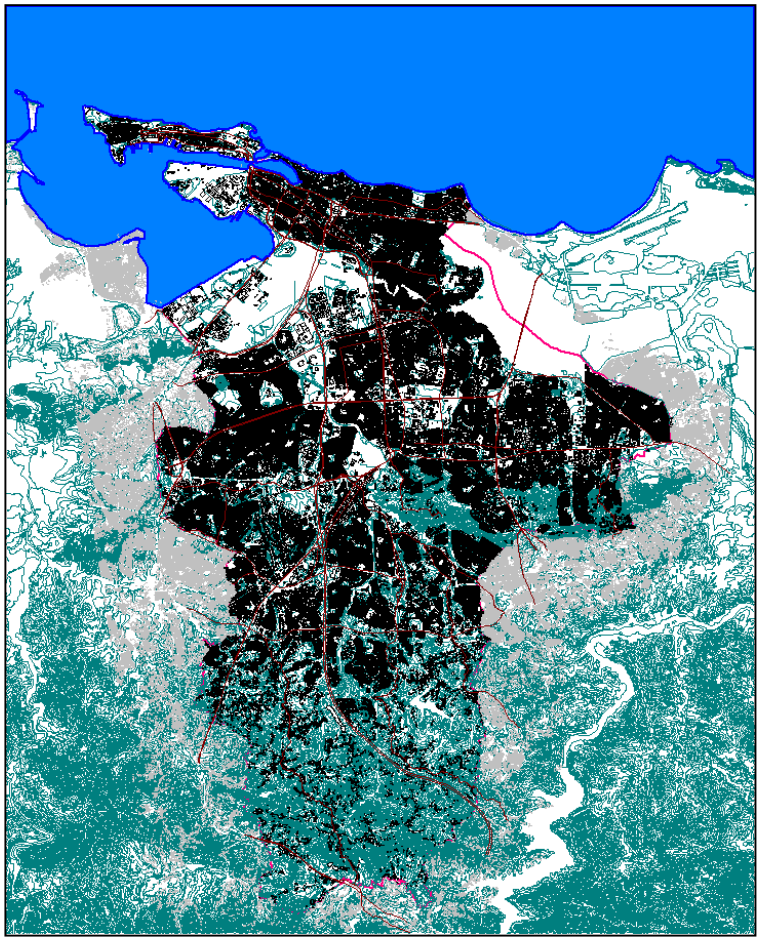
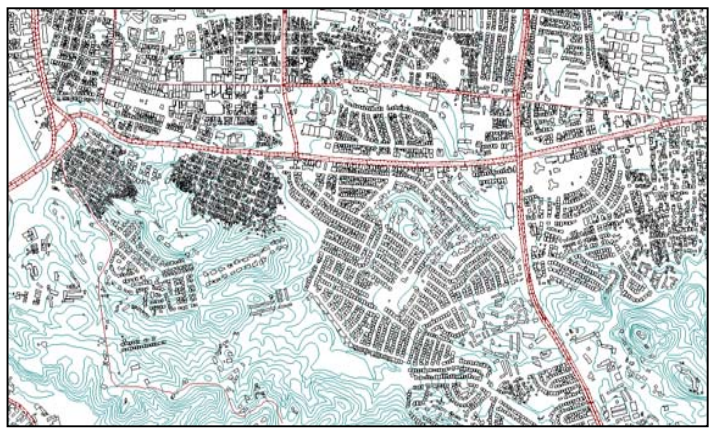
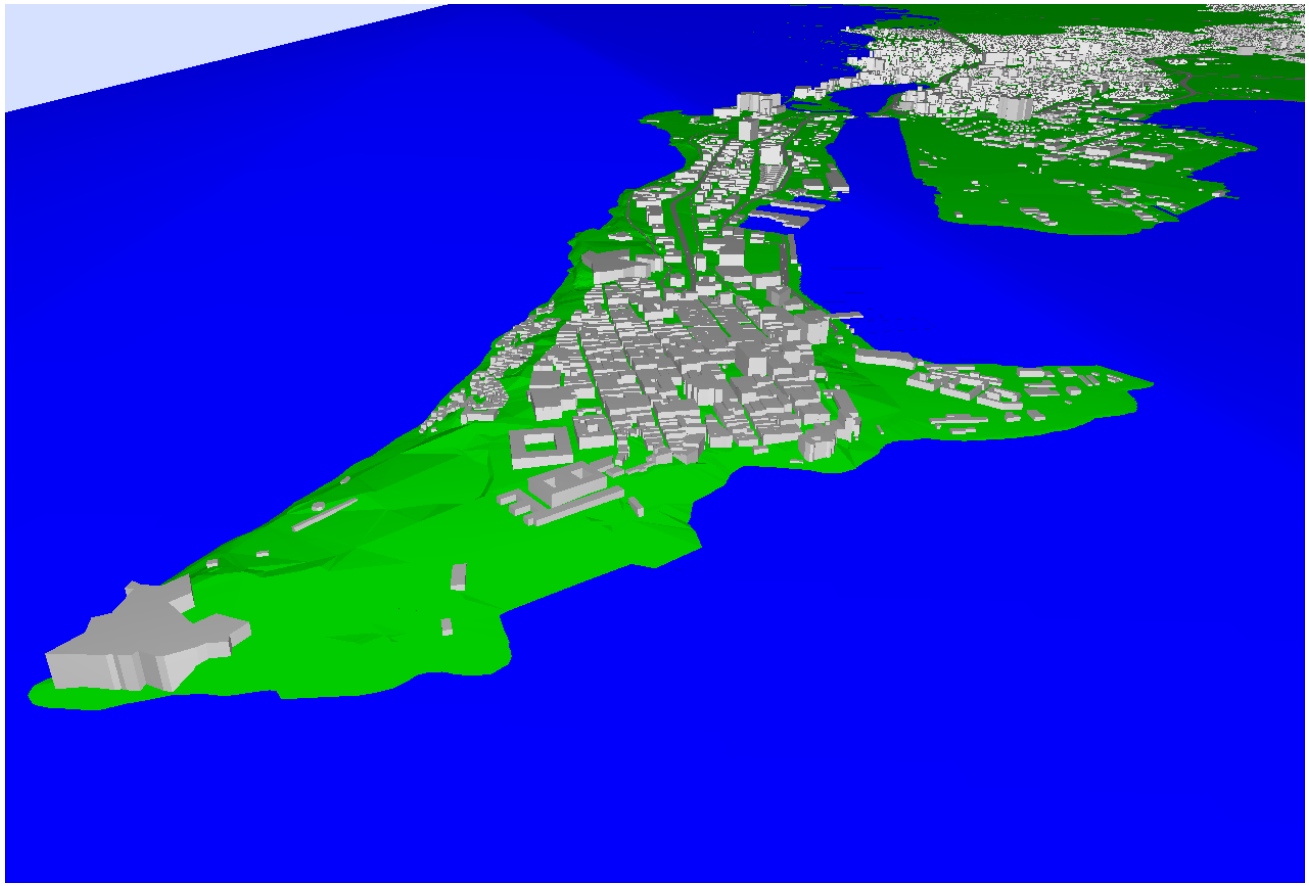
San Juan - Digital Town Model

total town area: 128 km²





San Juan - 3D-Views



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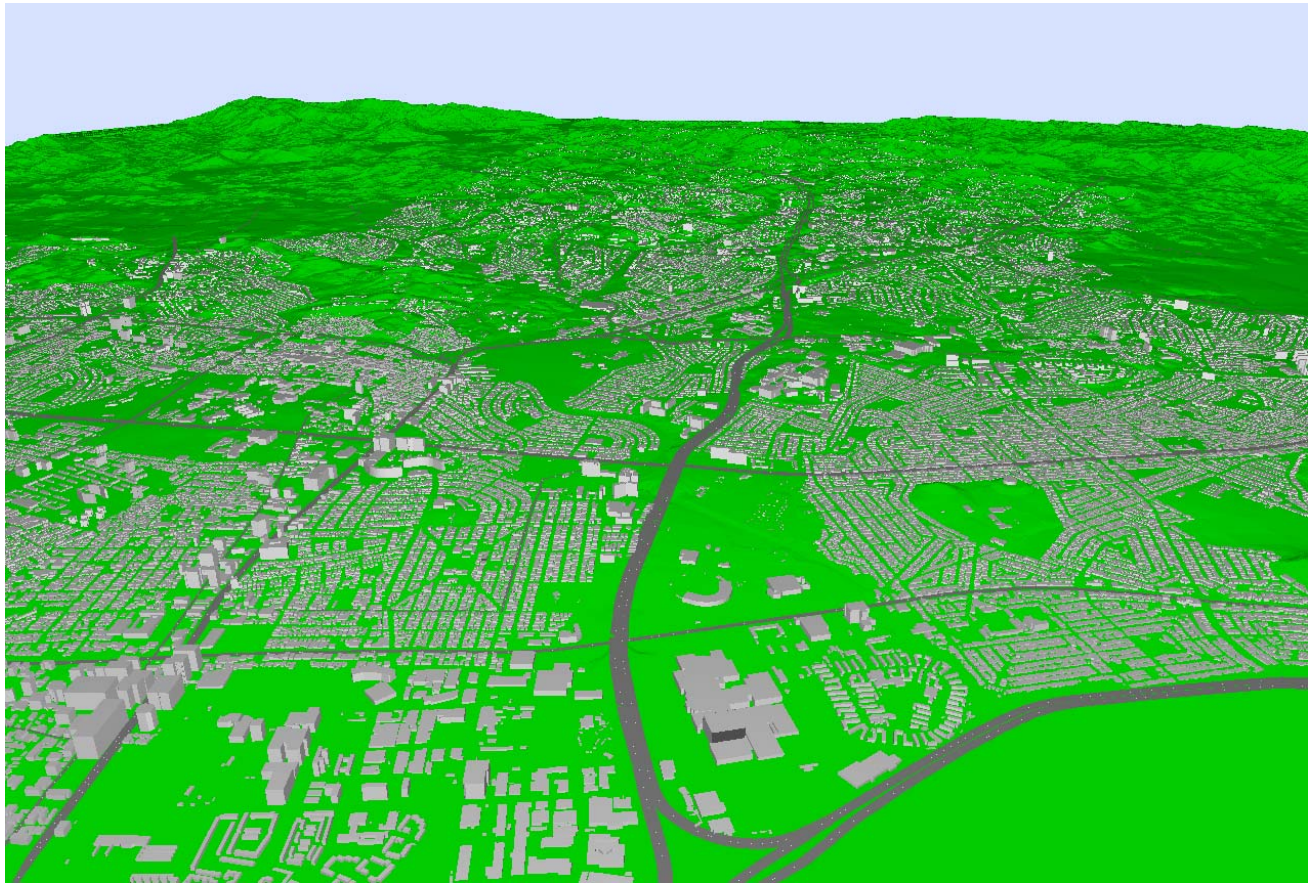

Calculation Standards/Guidelines

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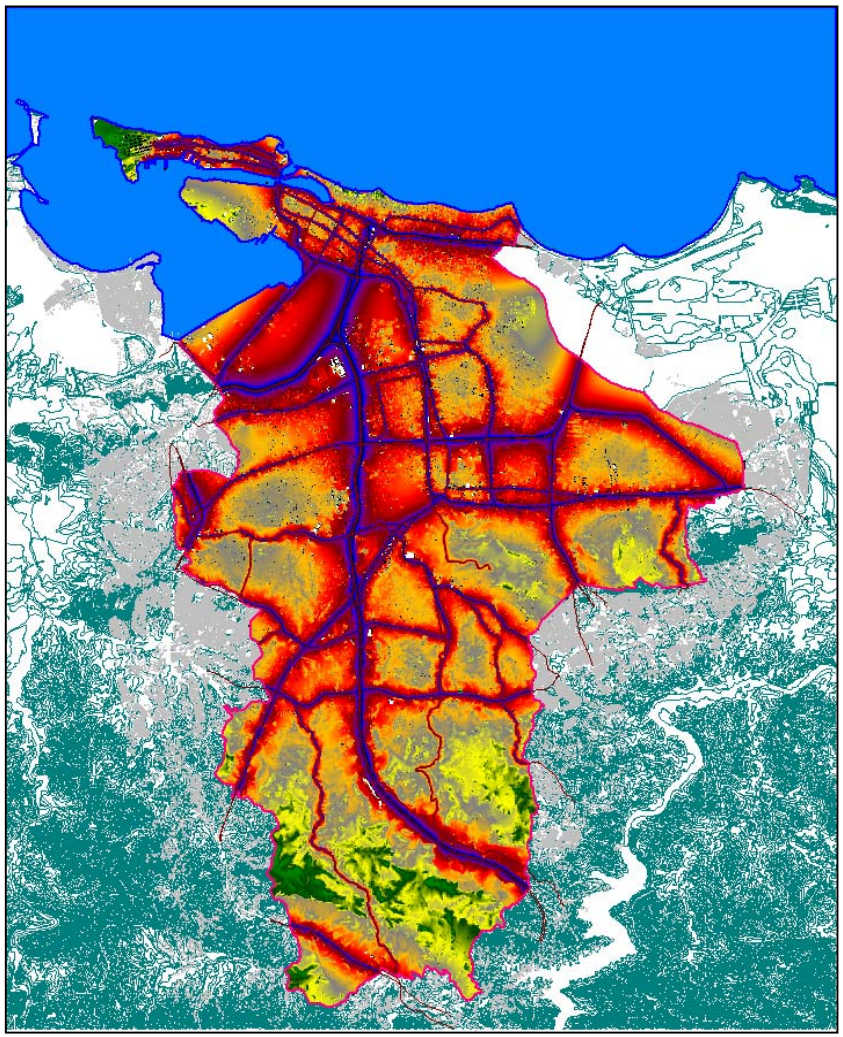

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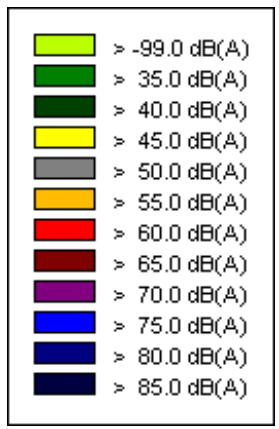

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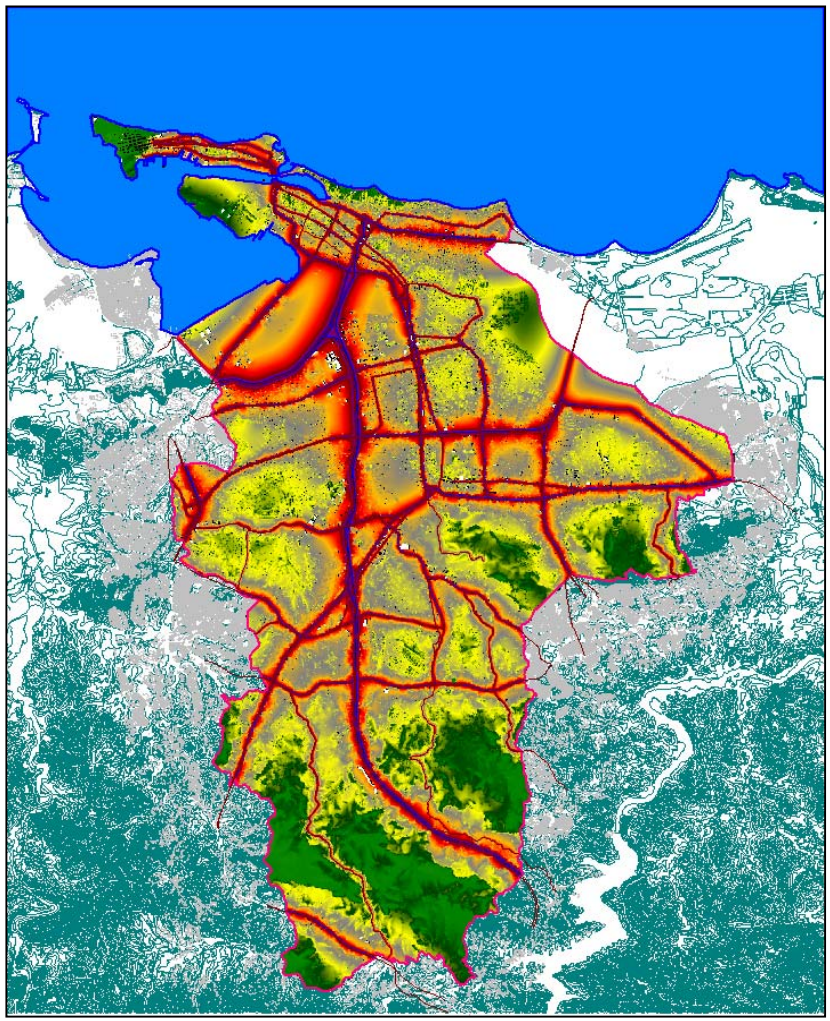

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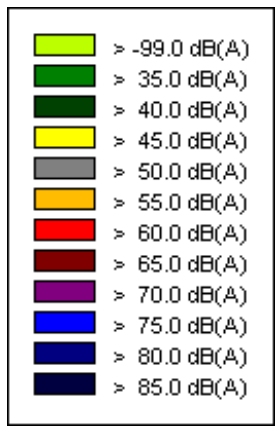

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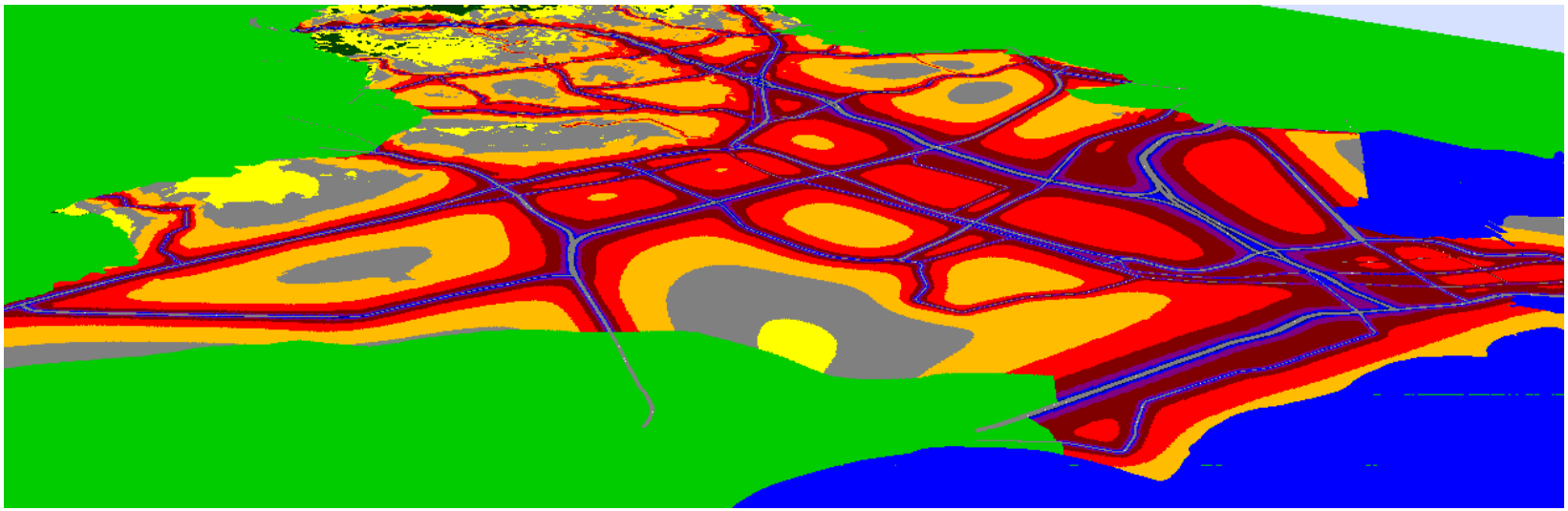

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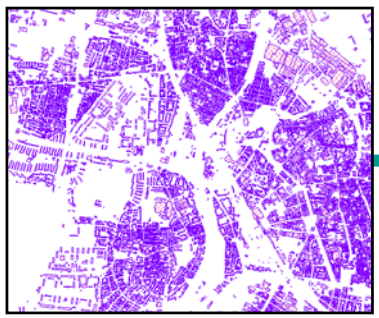

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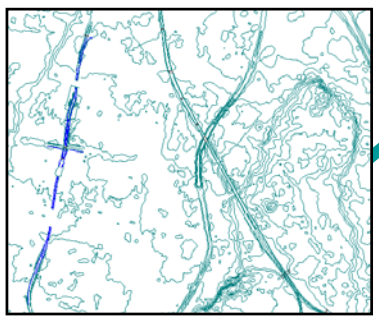

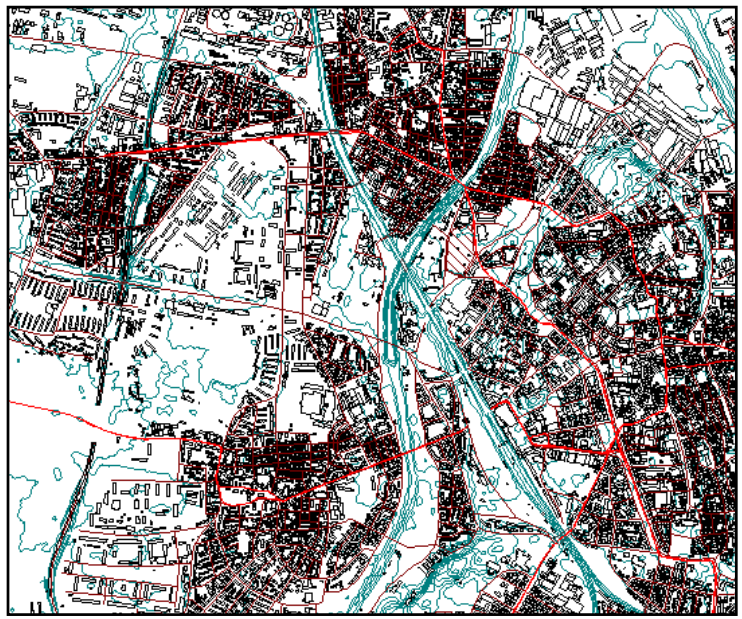

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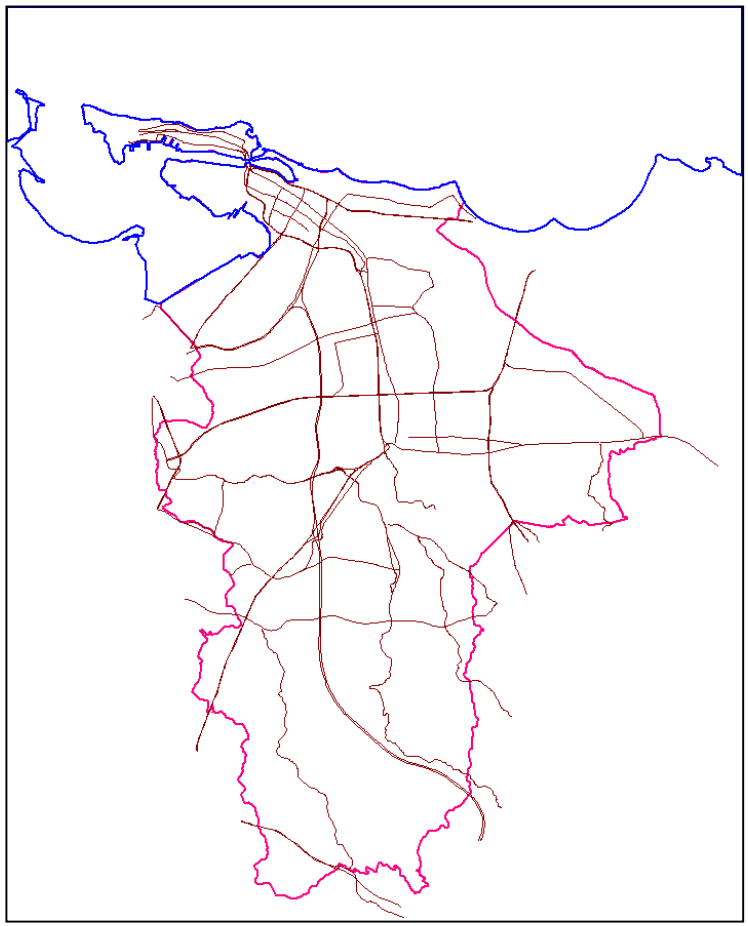

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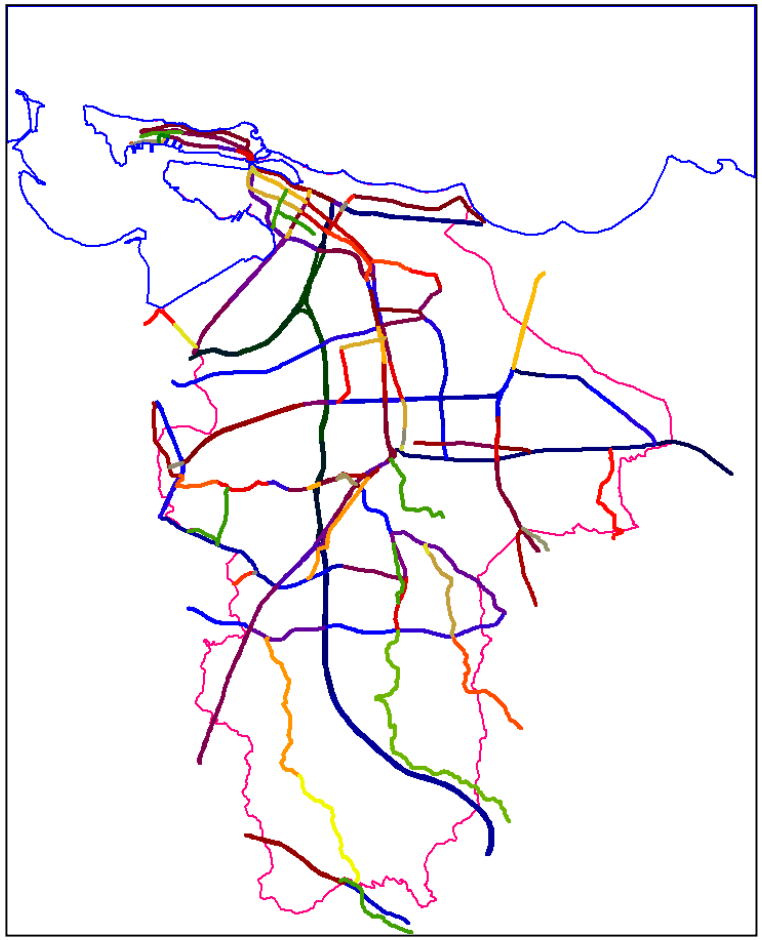

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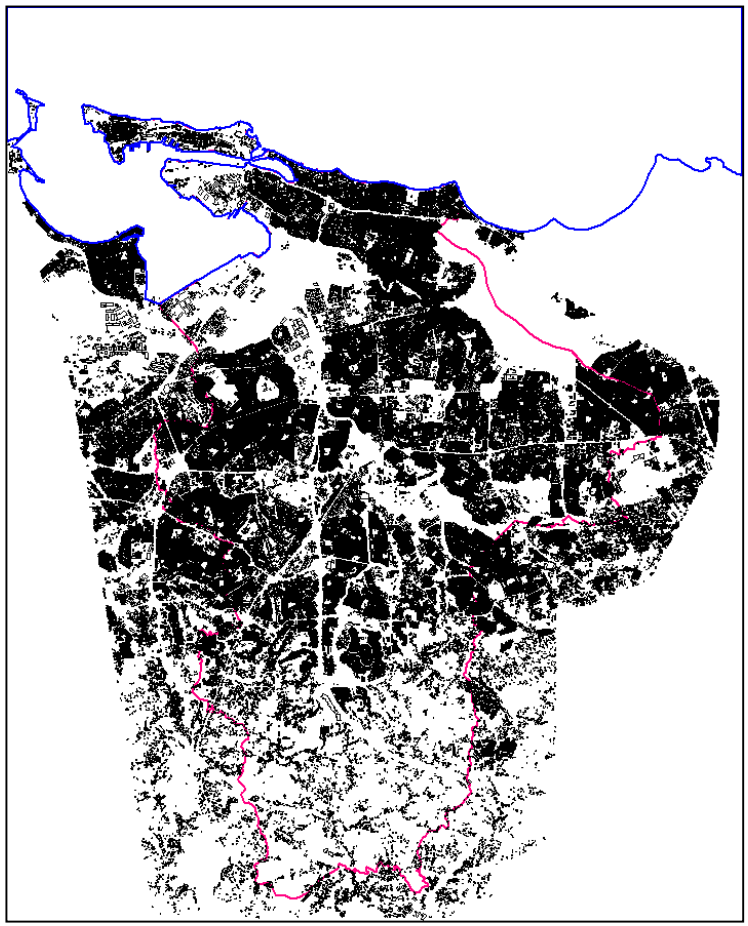

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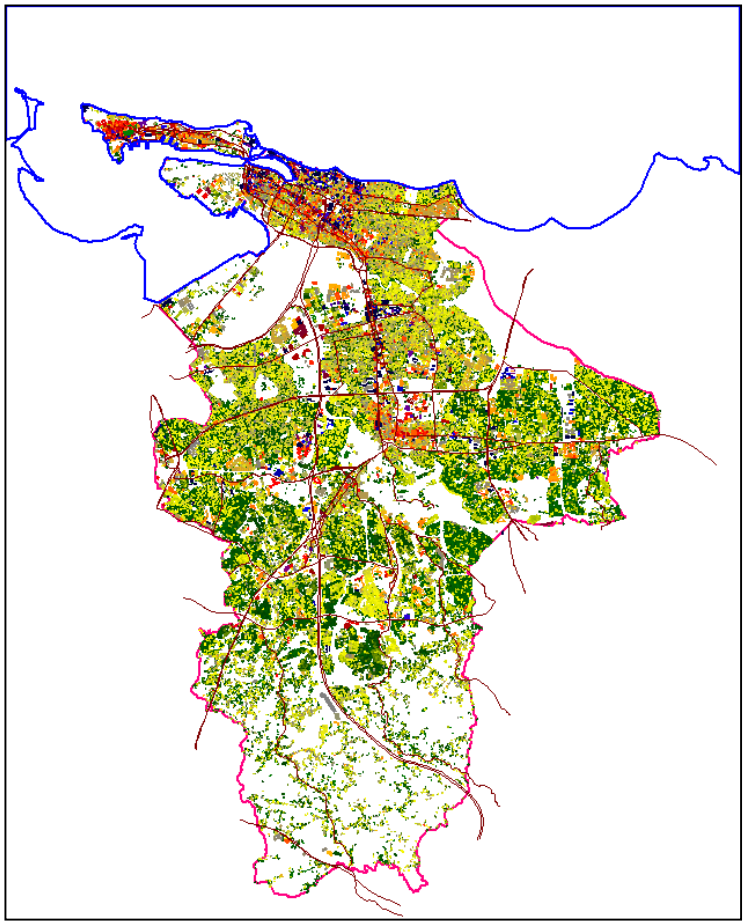

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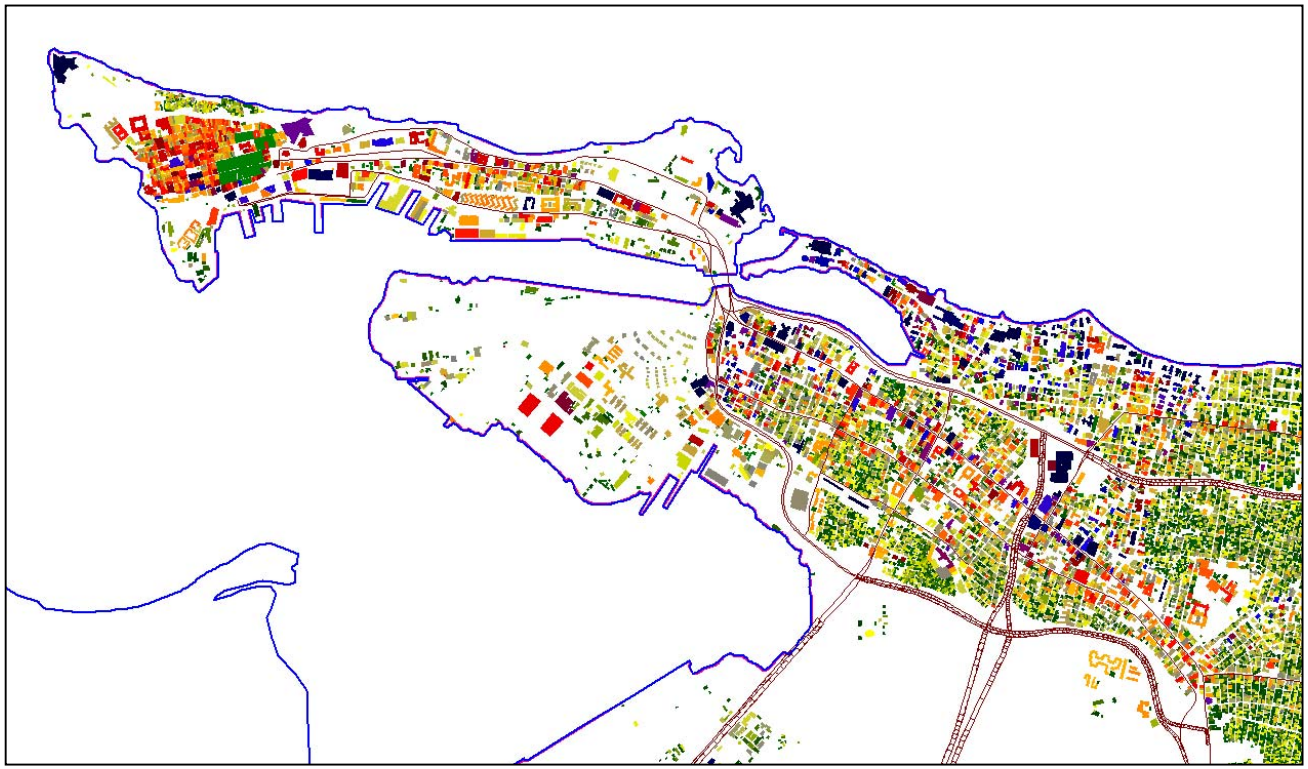
Distribution of Building Heights
- San Juan town centre -



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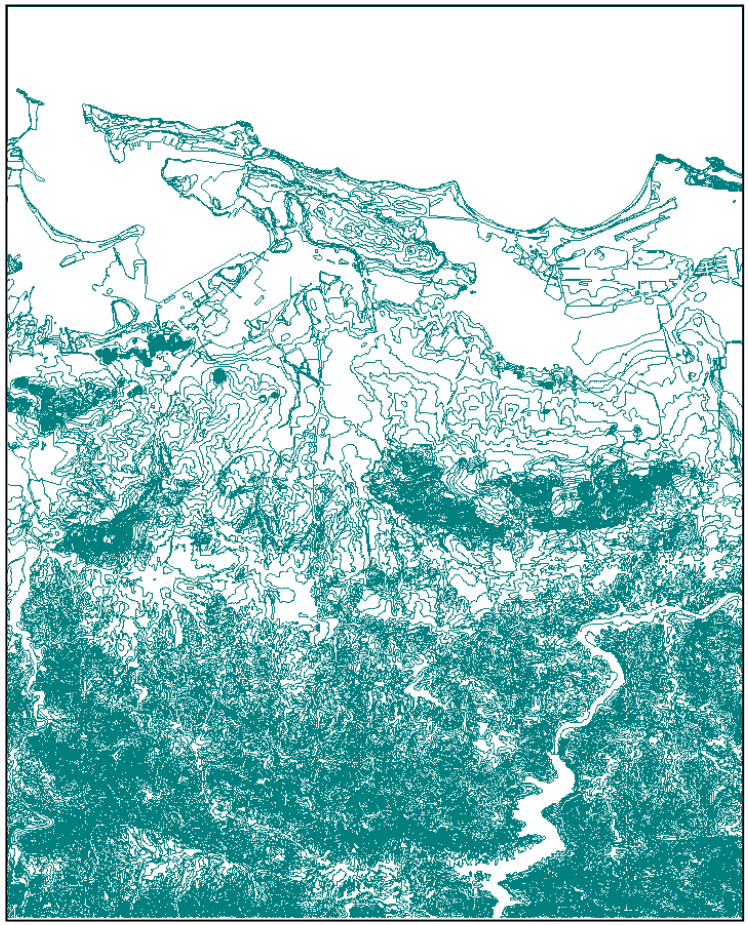

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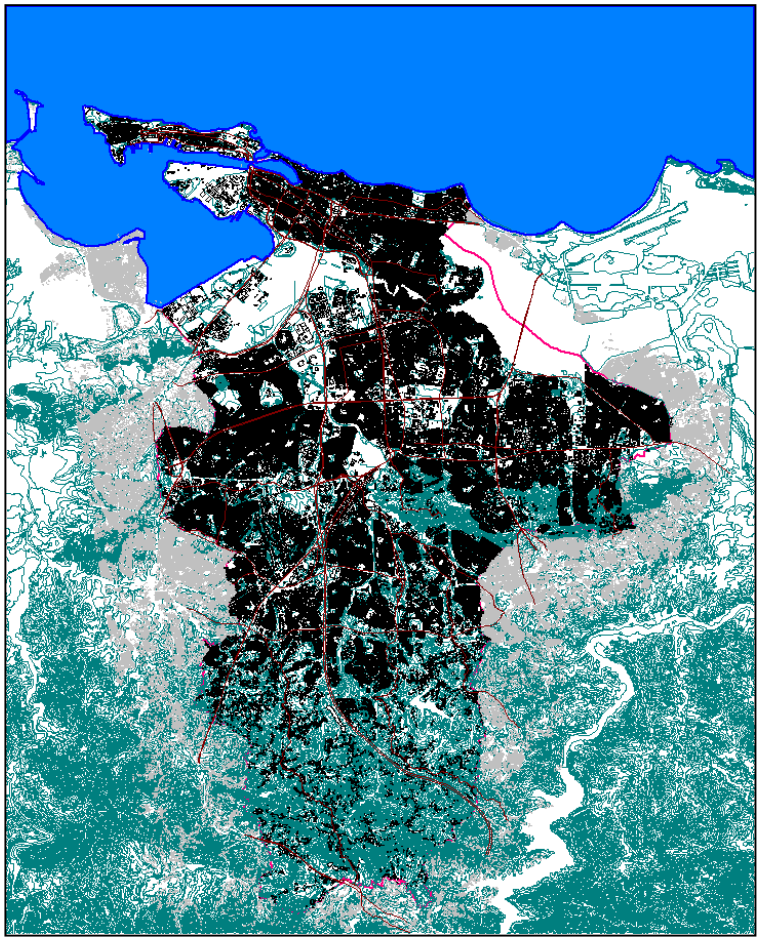

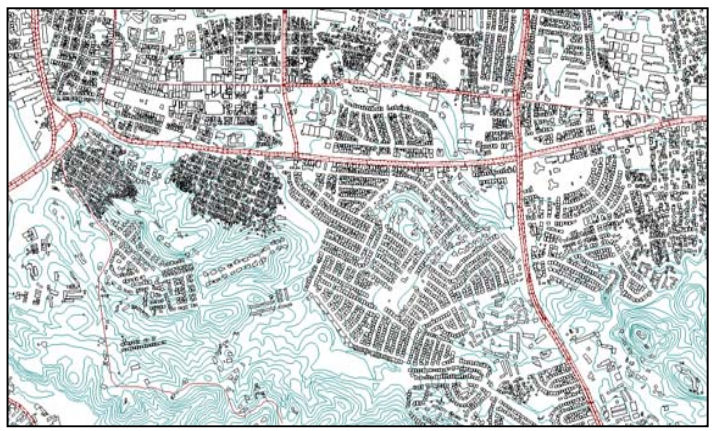

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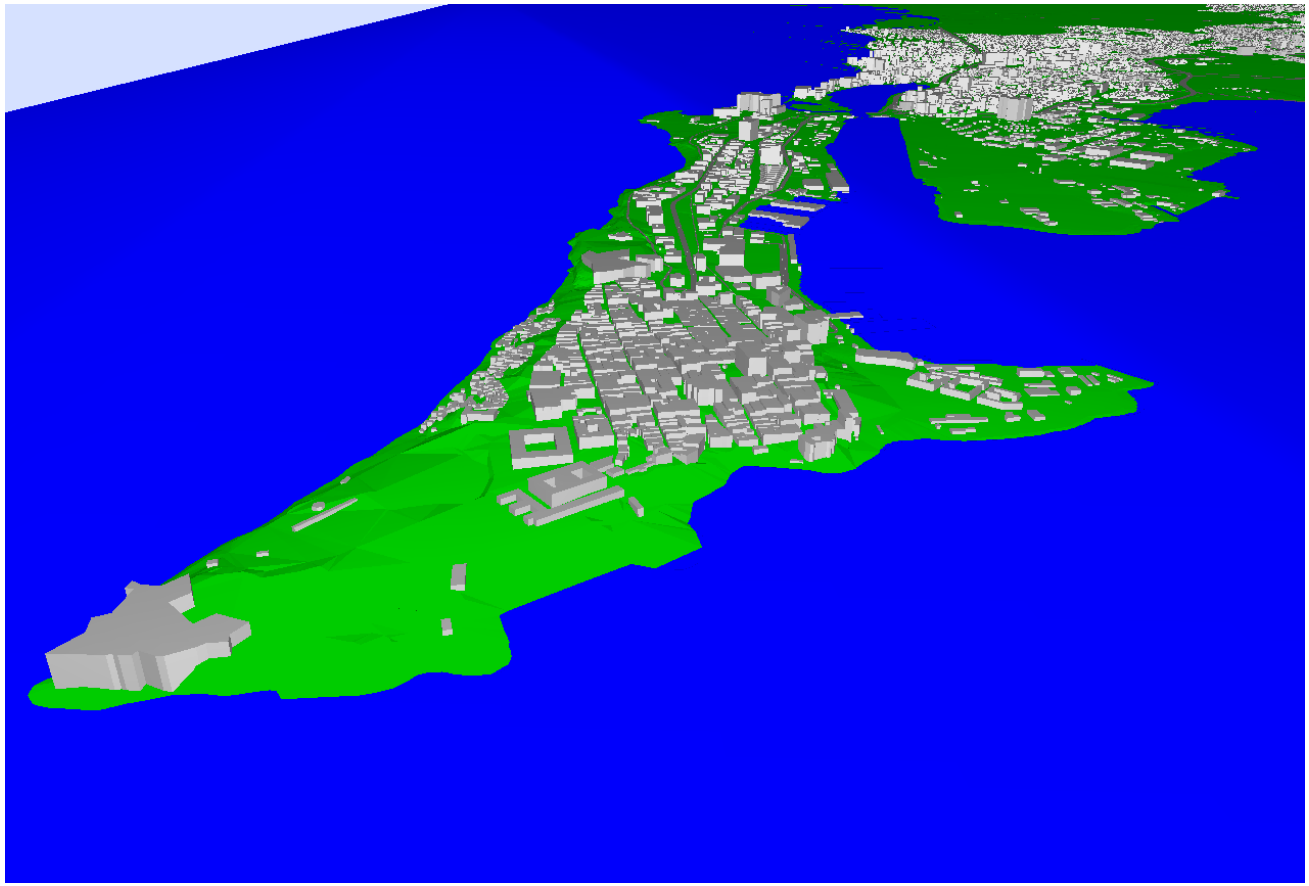

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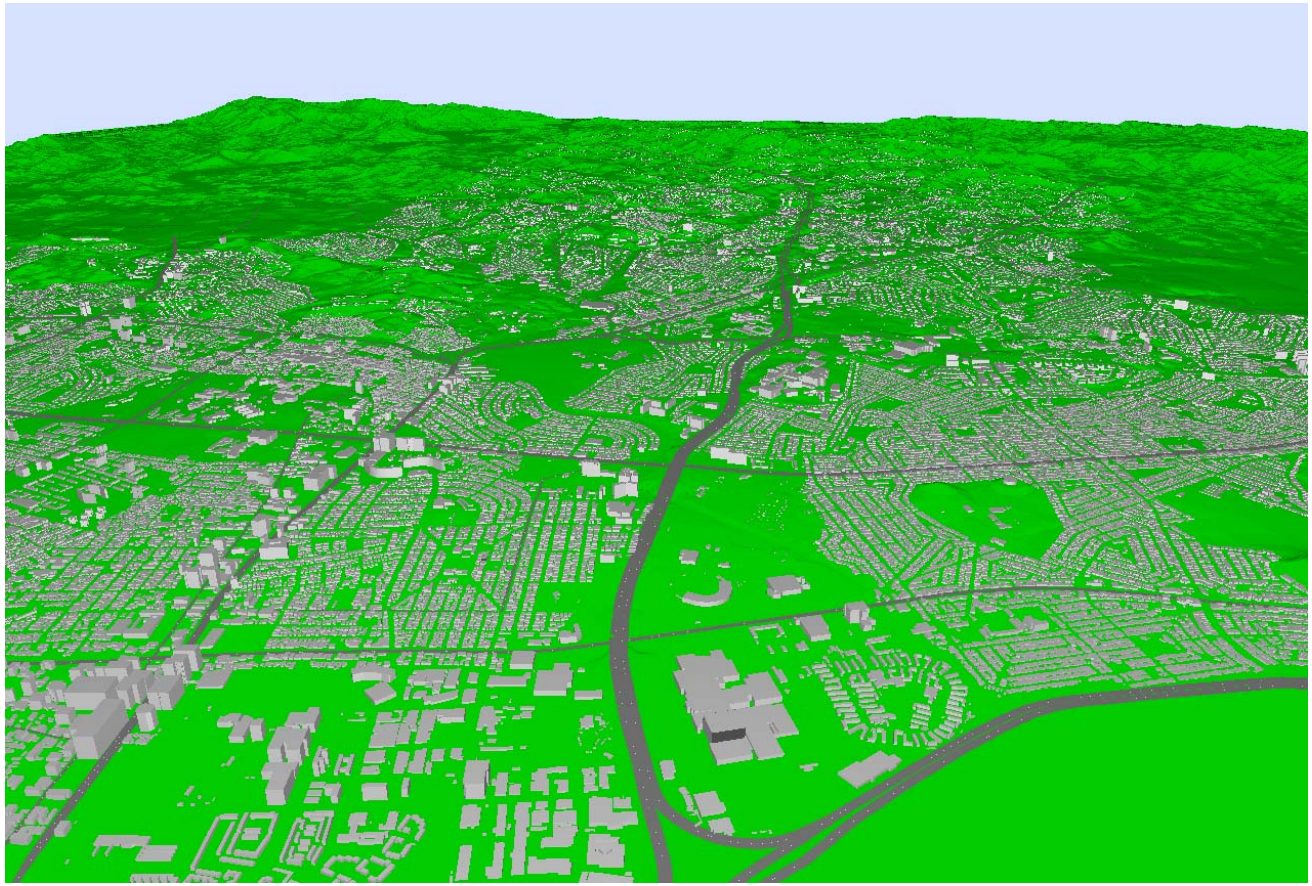

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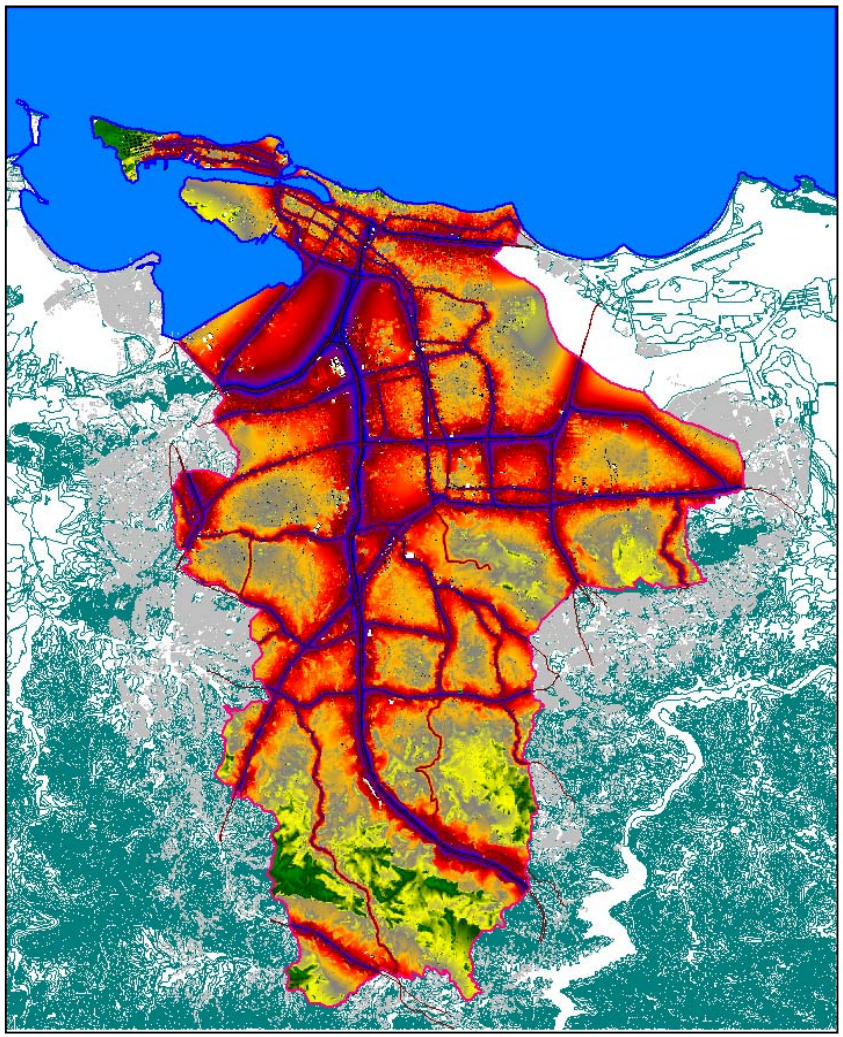

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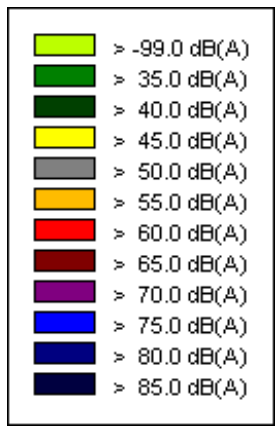

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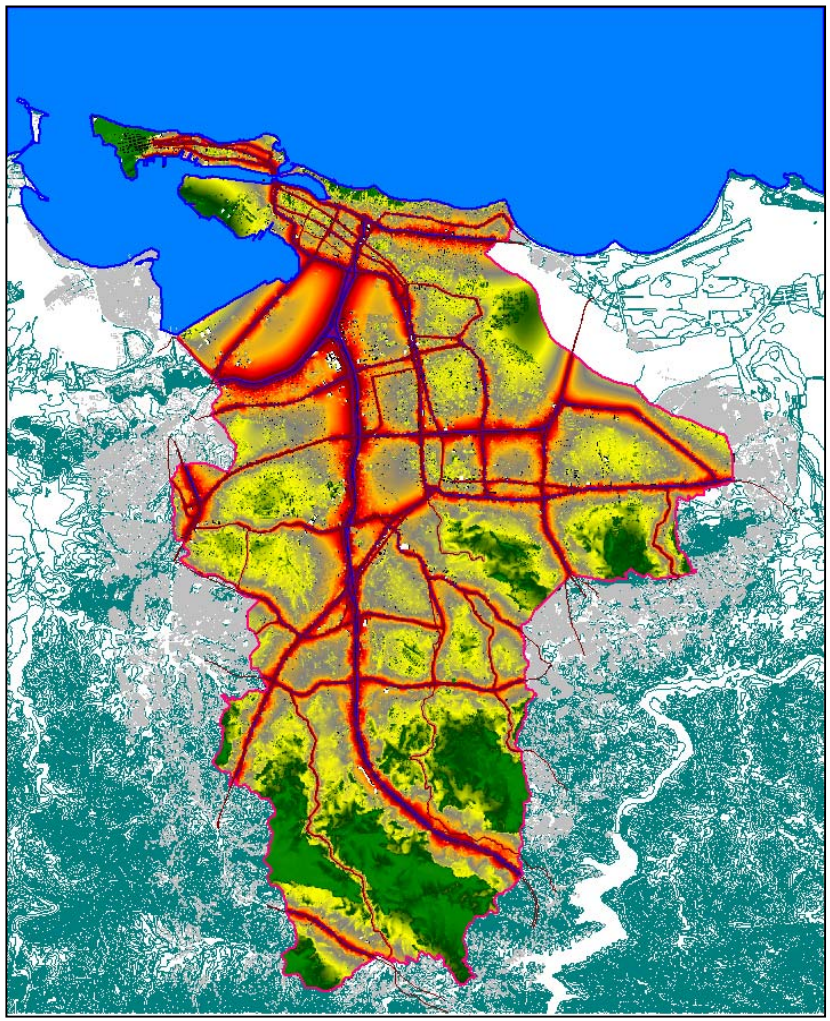

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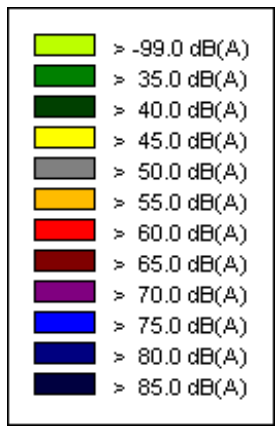

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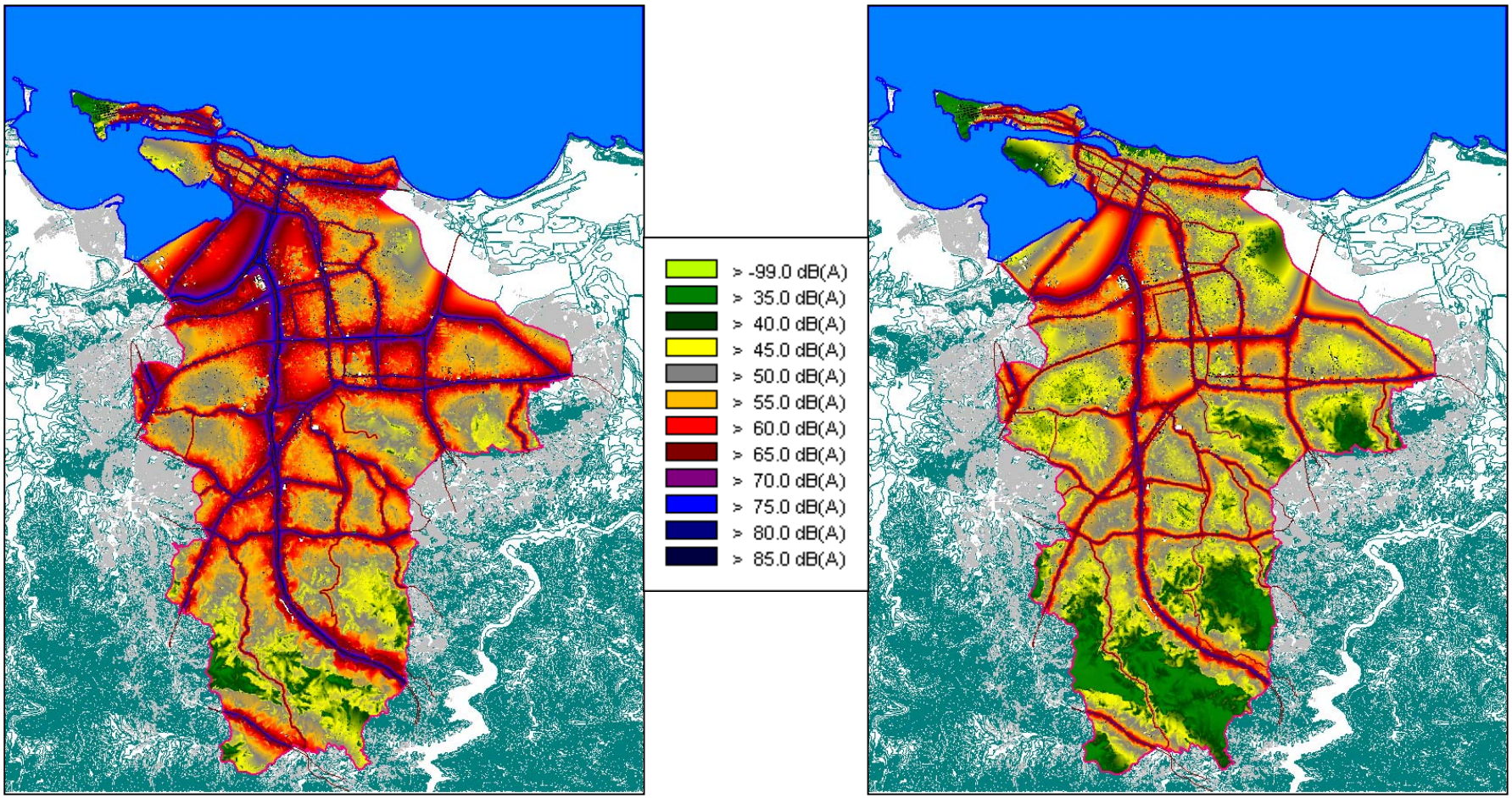

Day

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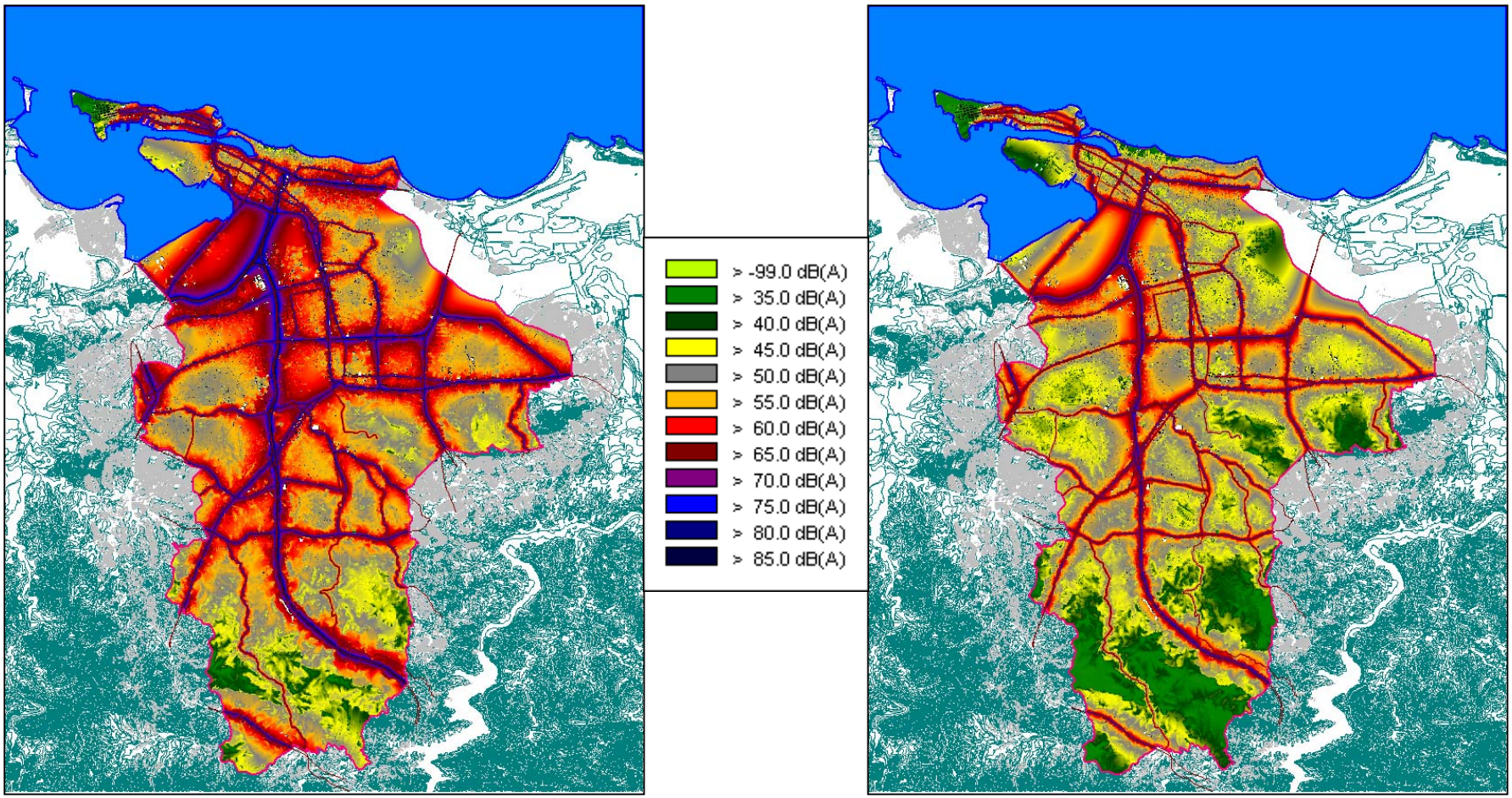

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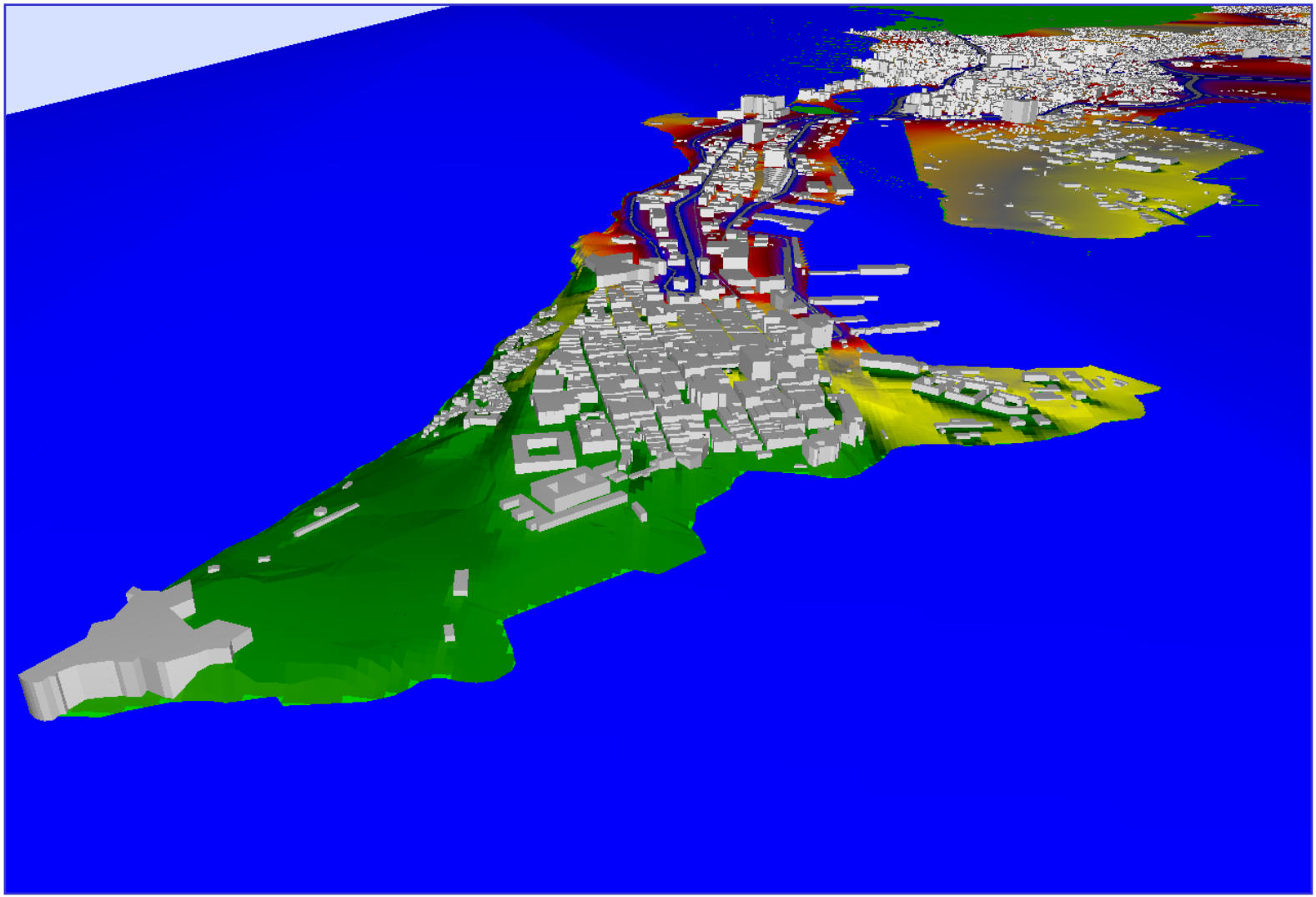
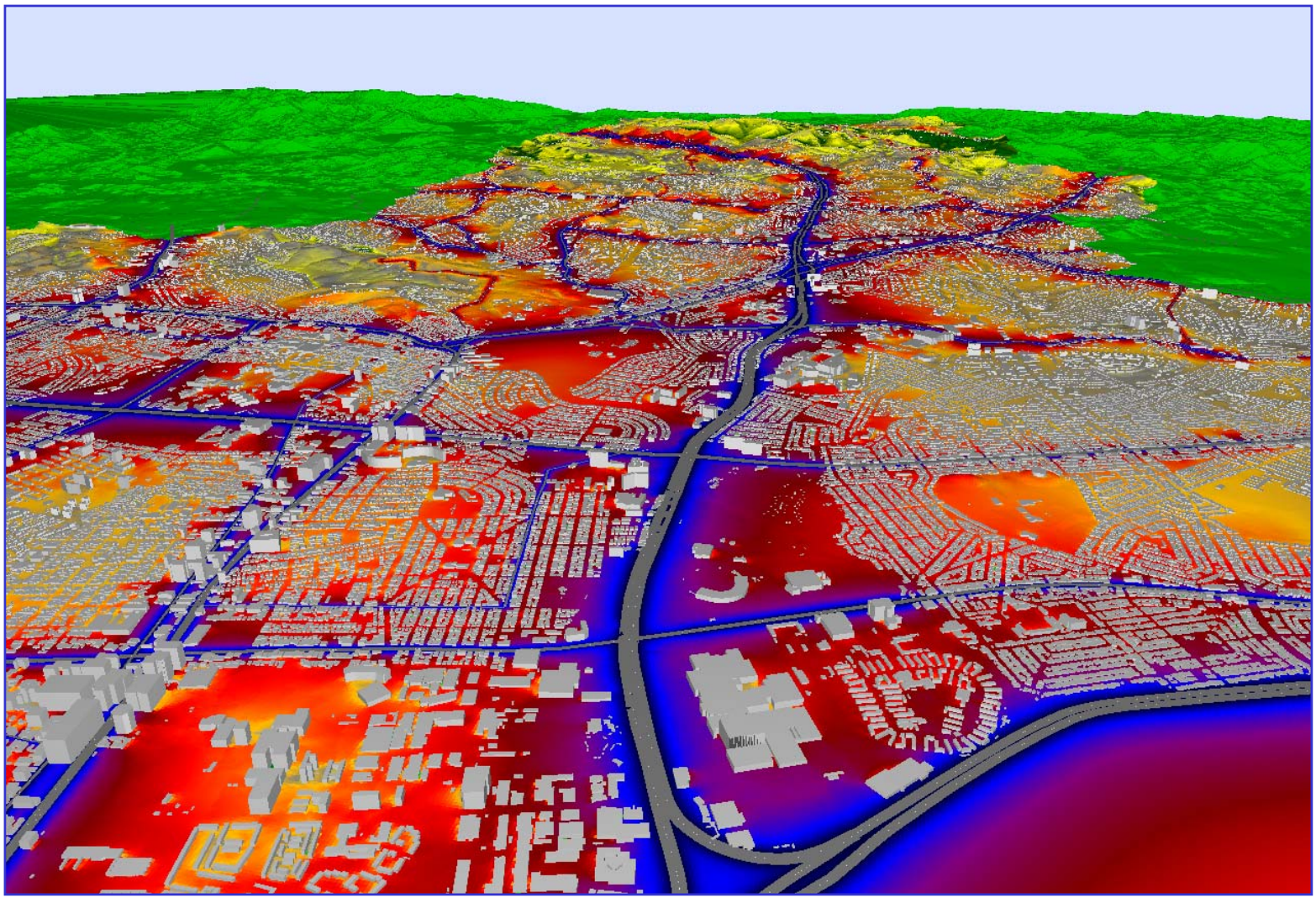
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