Fuzzy landform classification with azimuth based Fourier series

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ÓE AMK GEO

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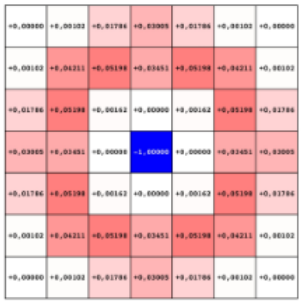
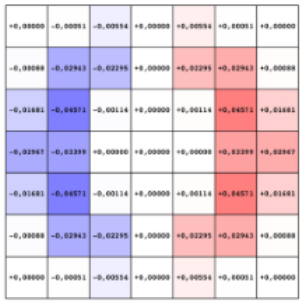
The principles

- convolutinal filter with a radius parameter (r)
- map algebra calculation with an roughness parameter (e)
- fuzzy result of the landform classification
- defizzyfication (optional)



a0



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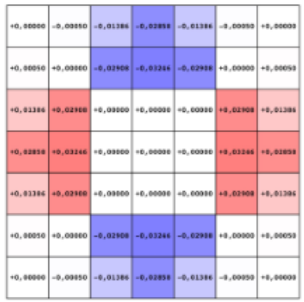
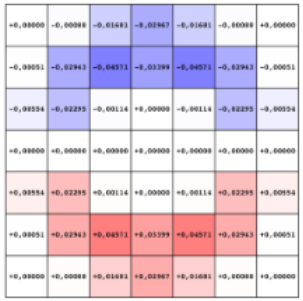


a2



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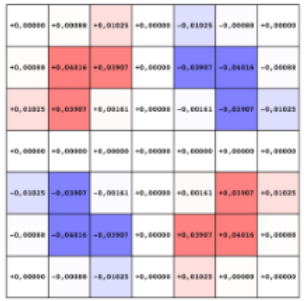
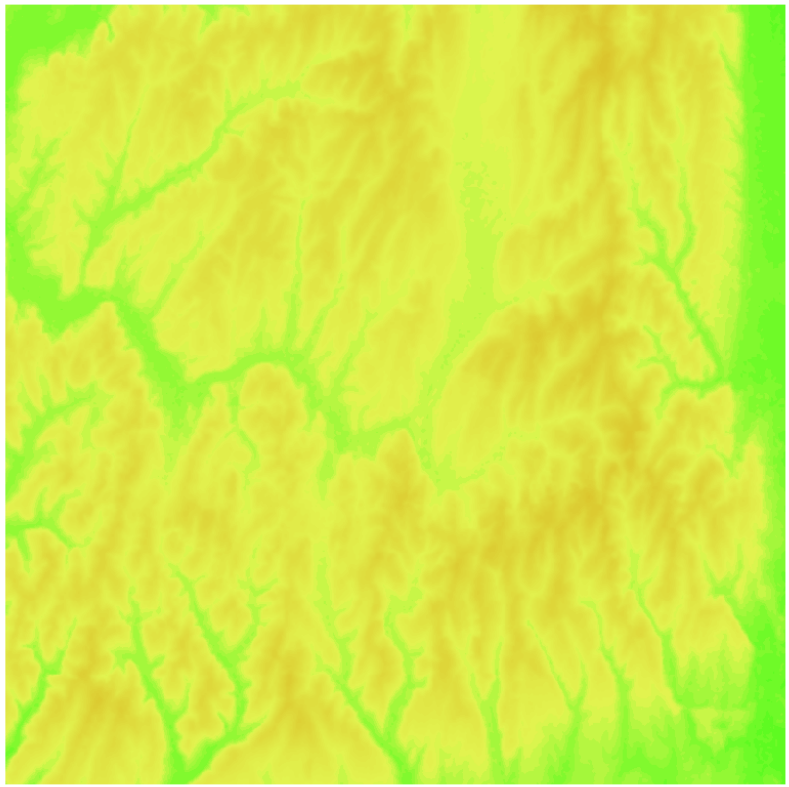


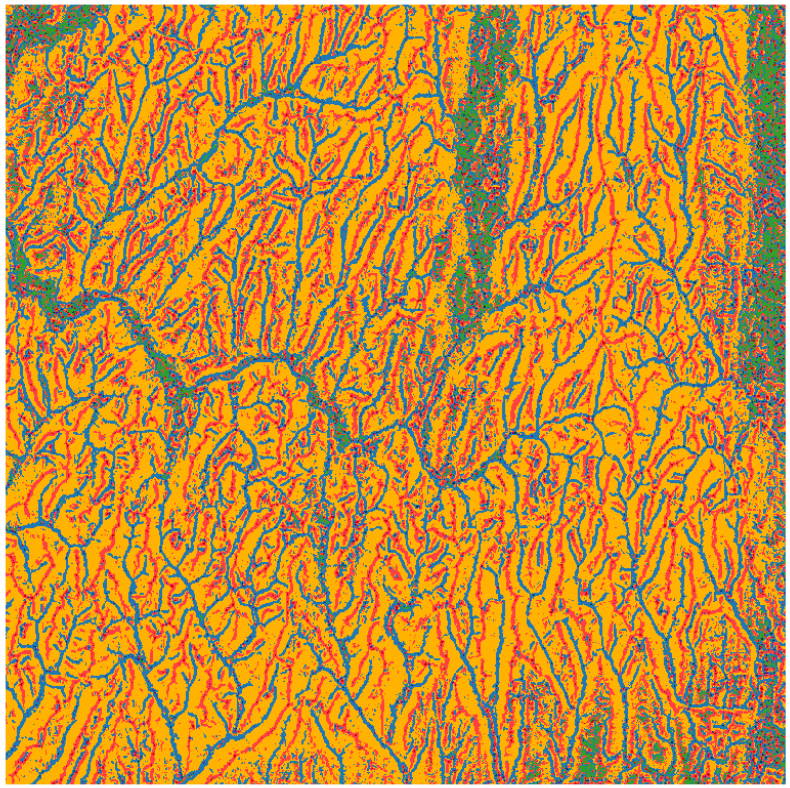
b2

Result of defuzzyfication in different areas

ELEV



DFZ



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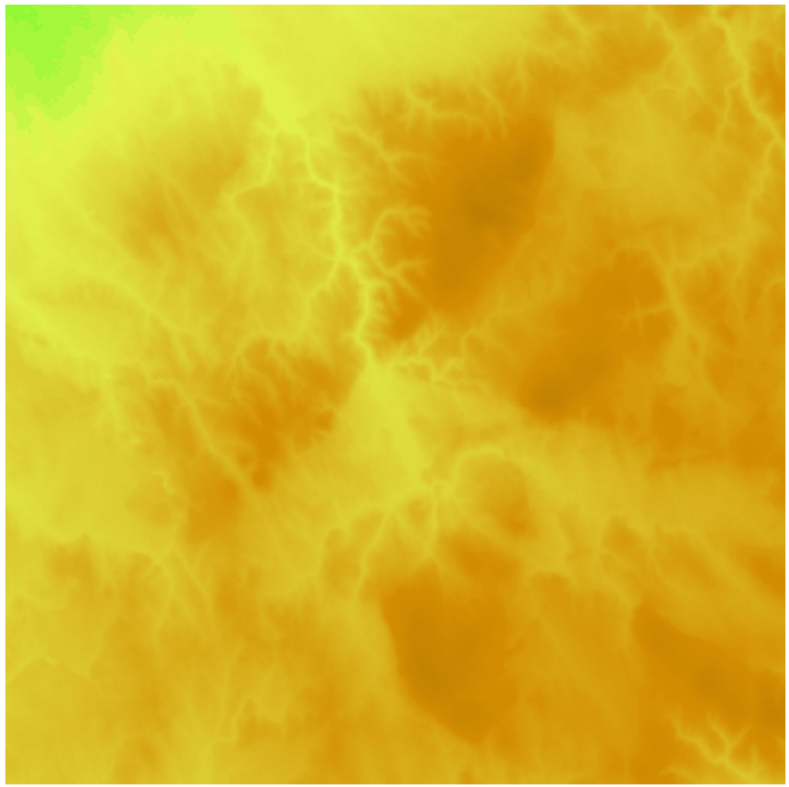

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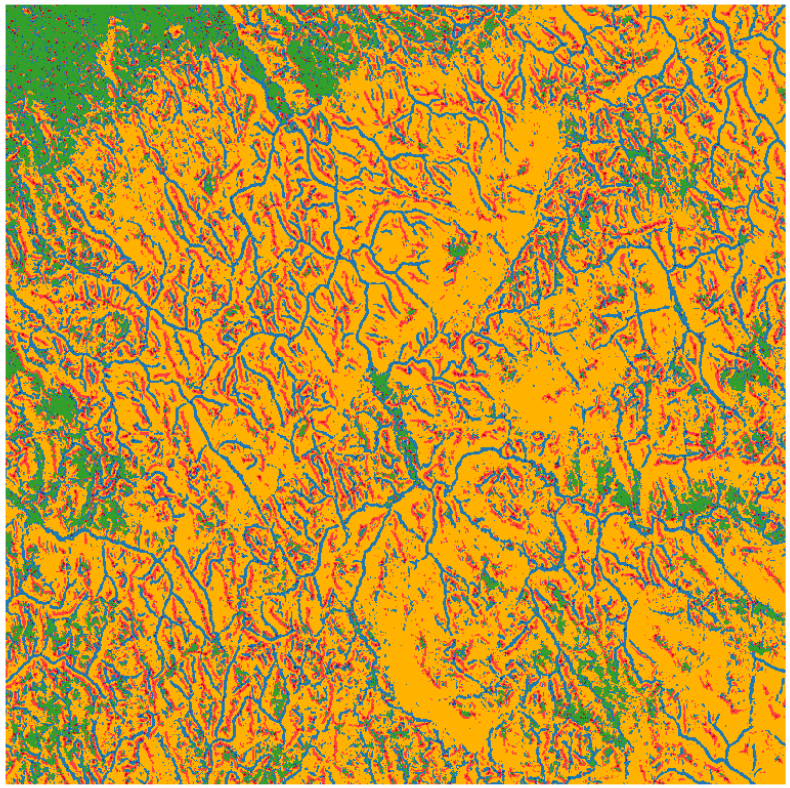

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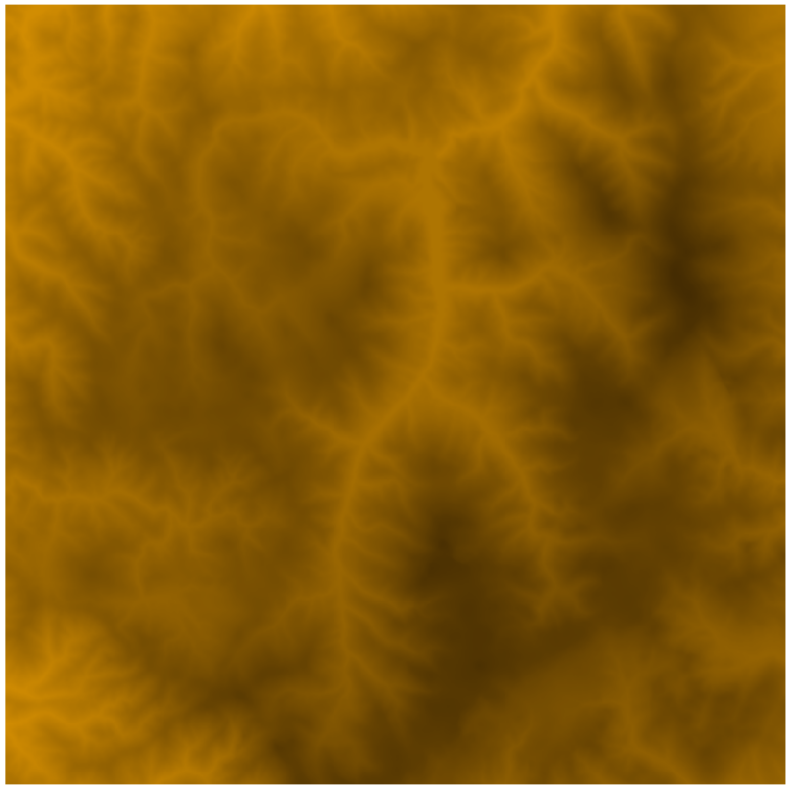

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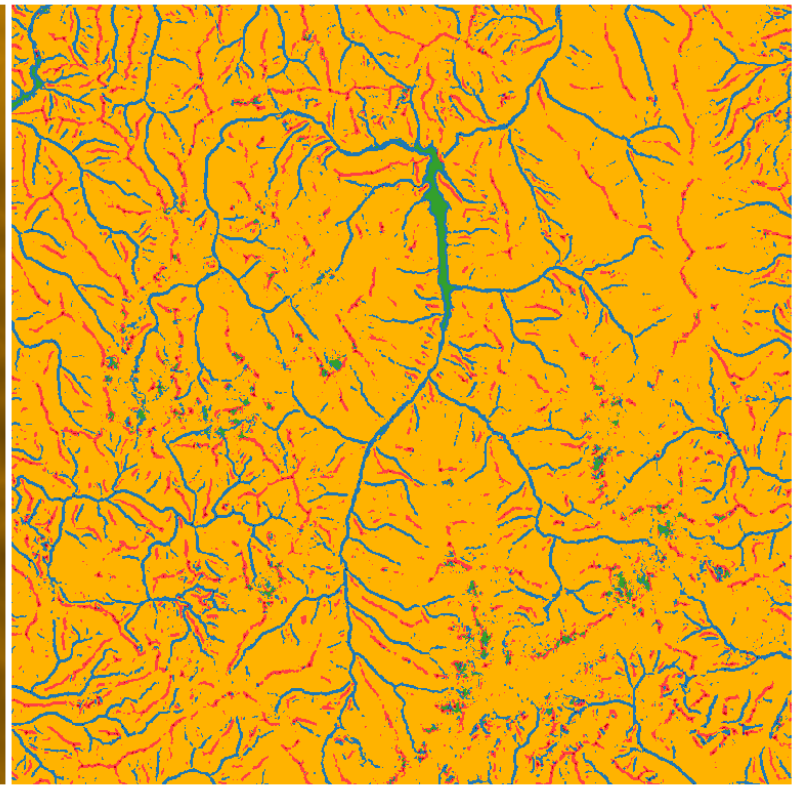

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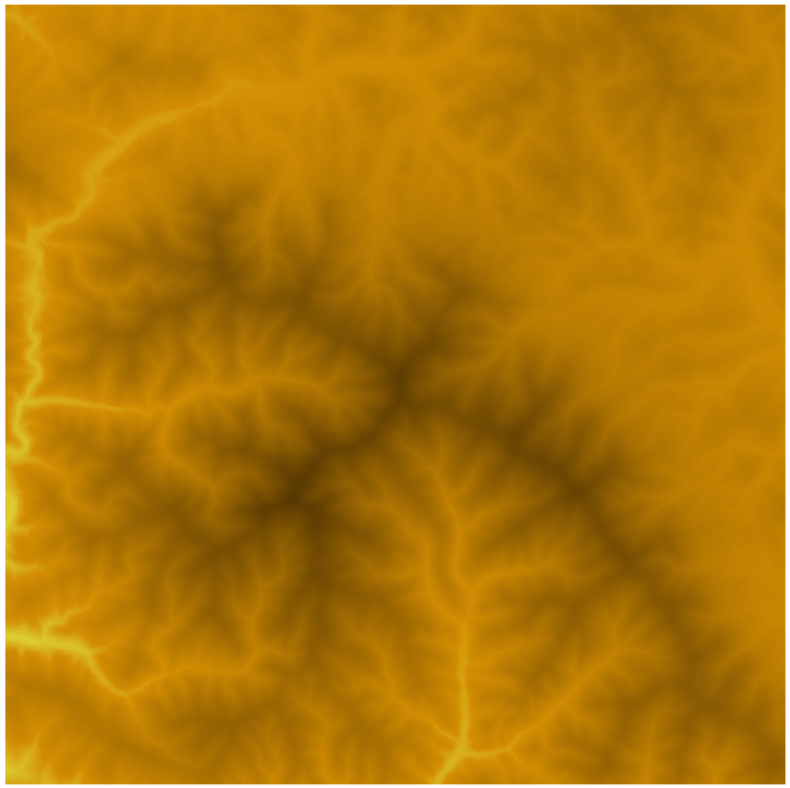

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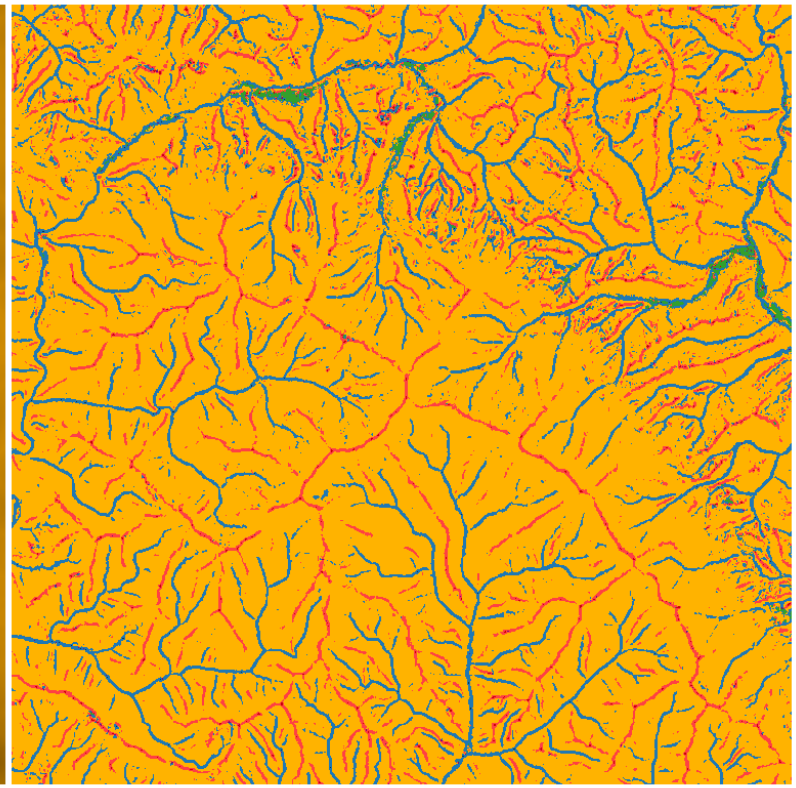

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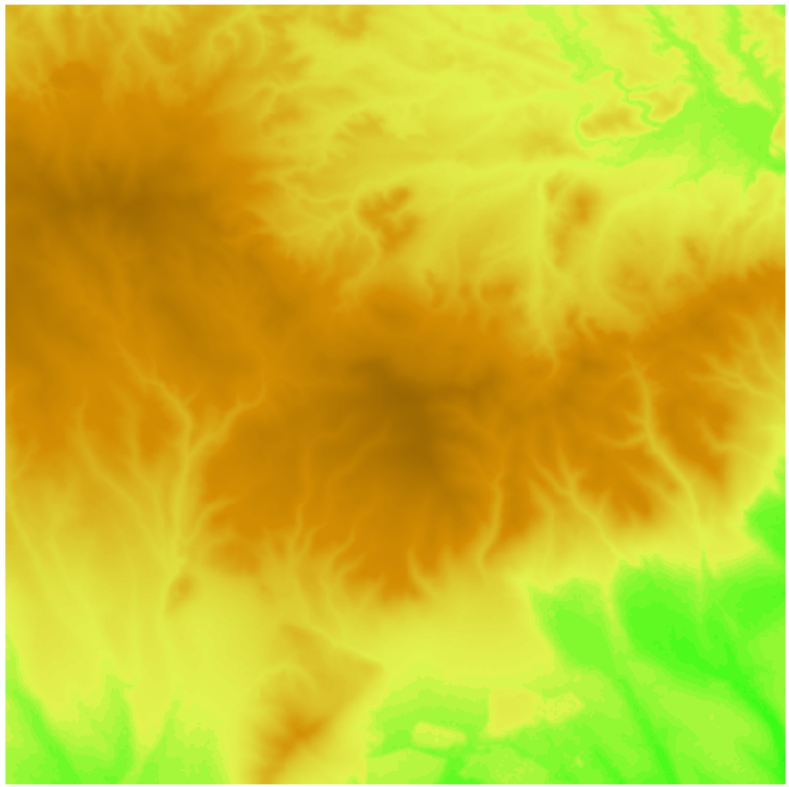

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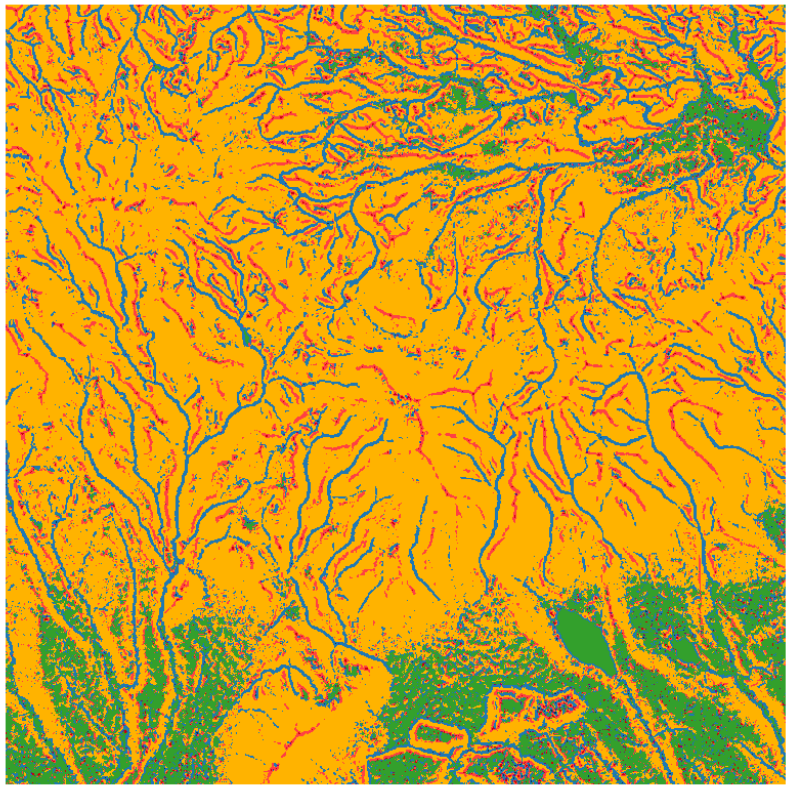

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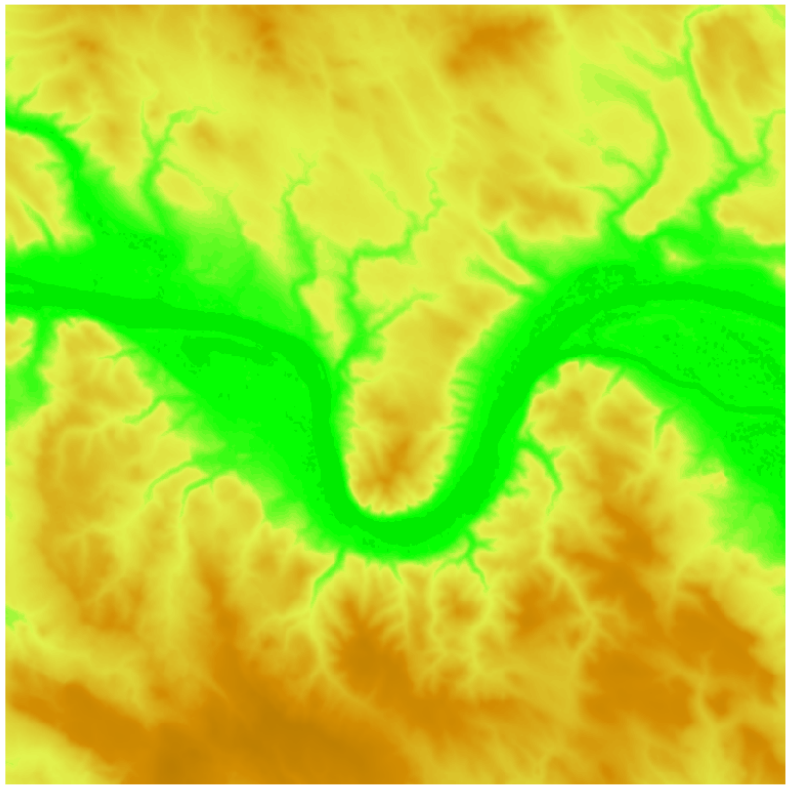

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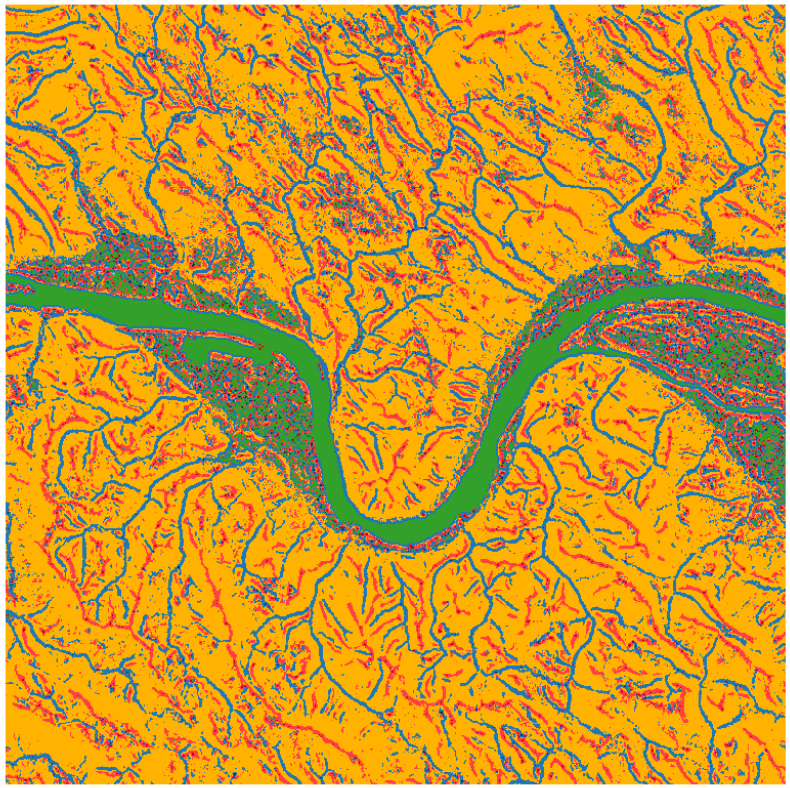

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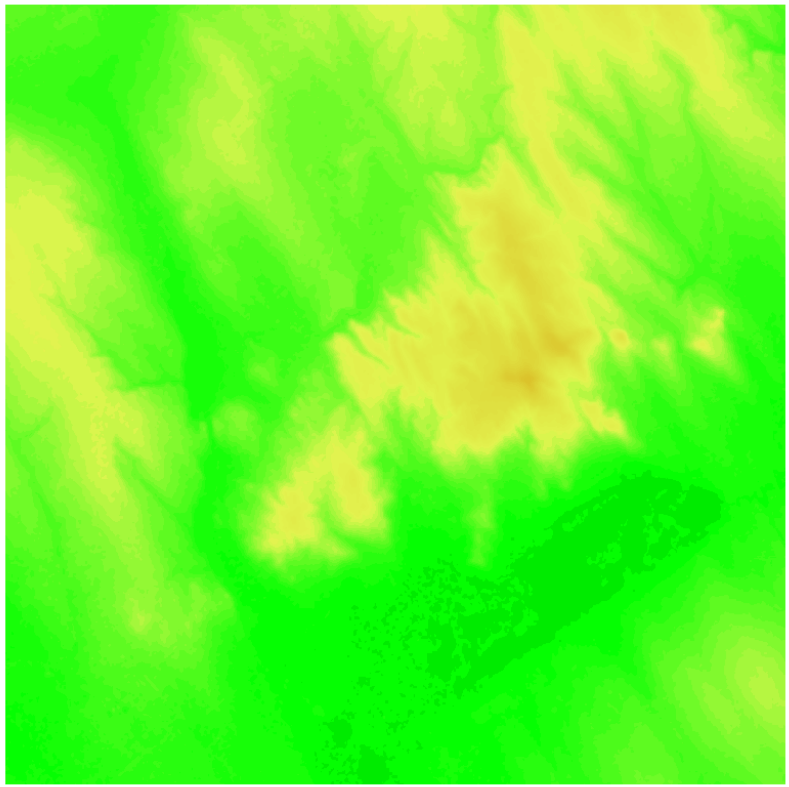

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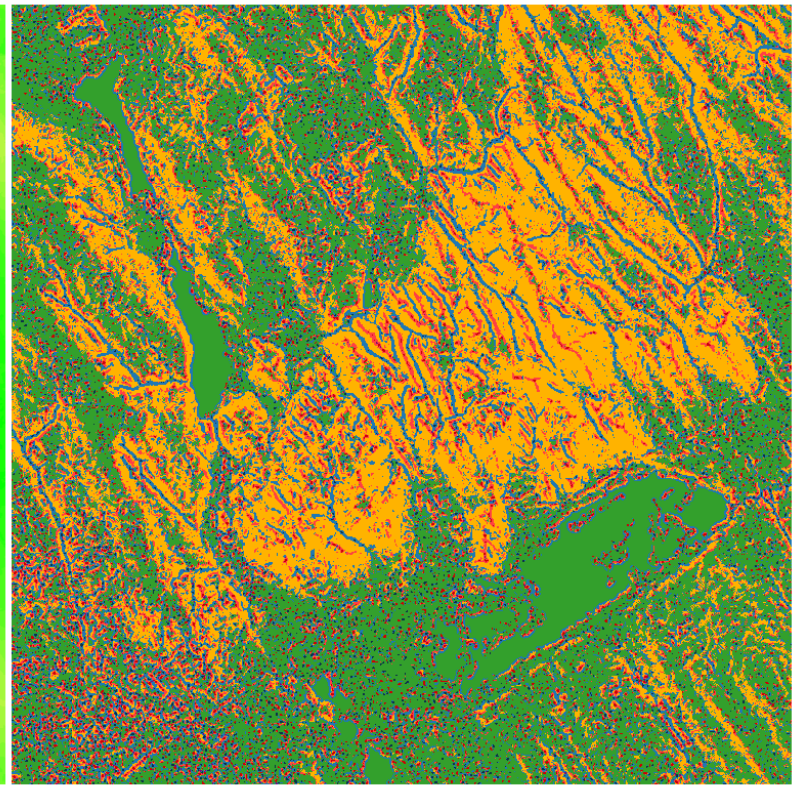

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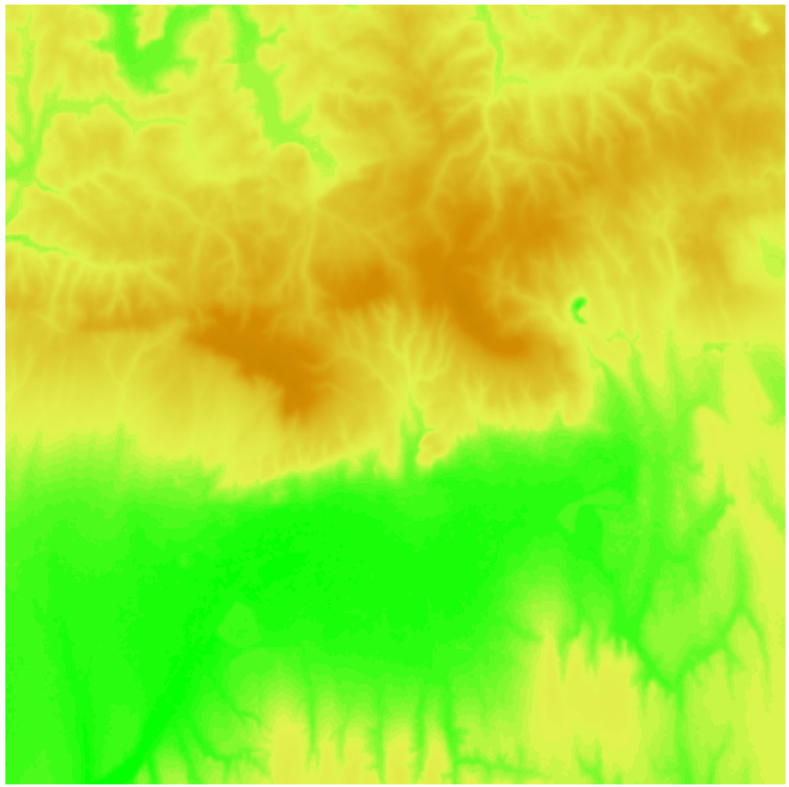

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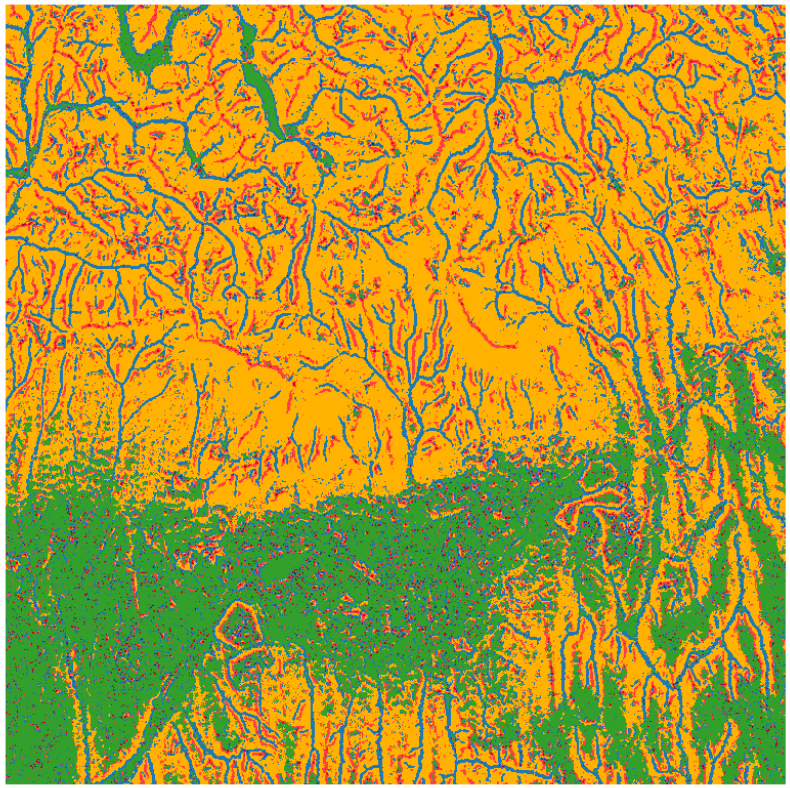

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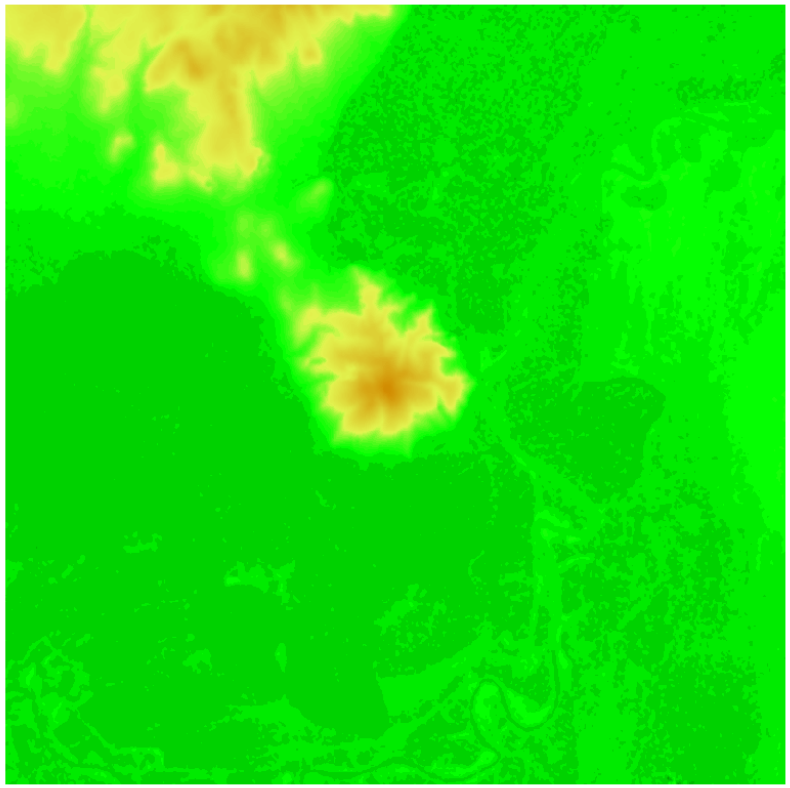

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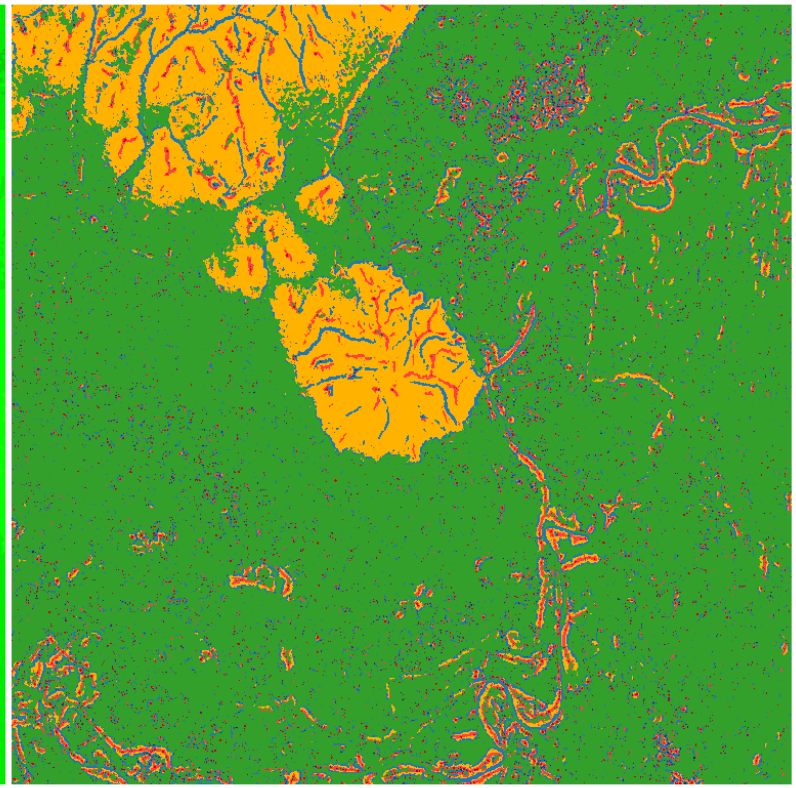
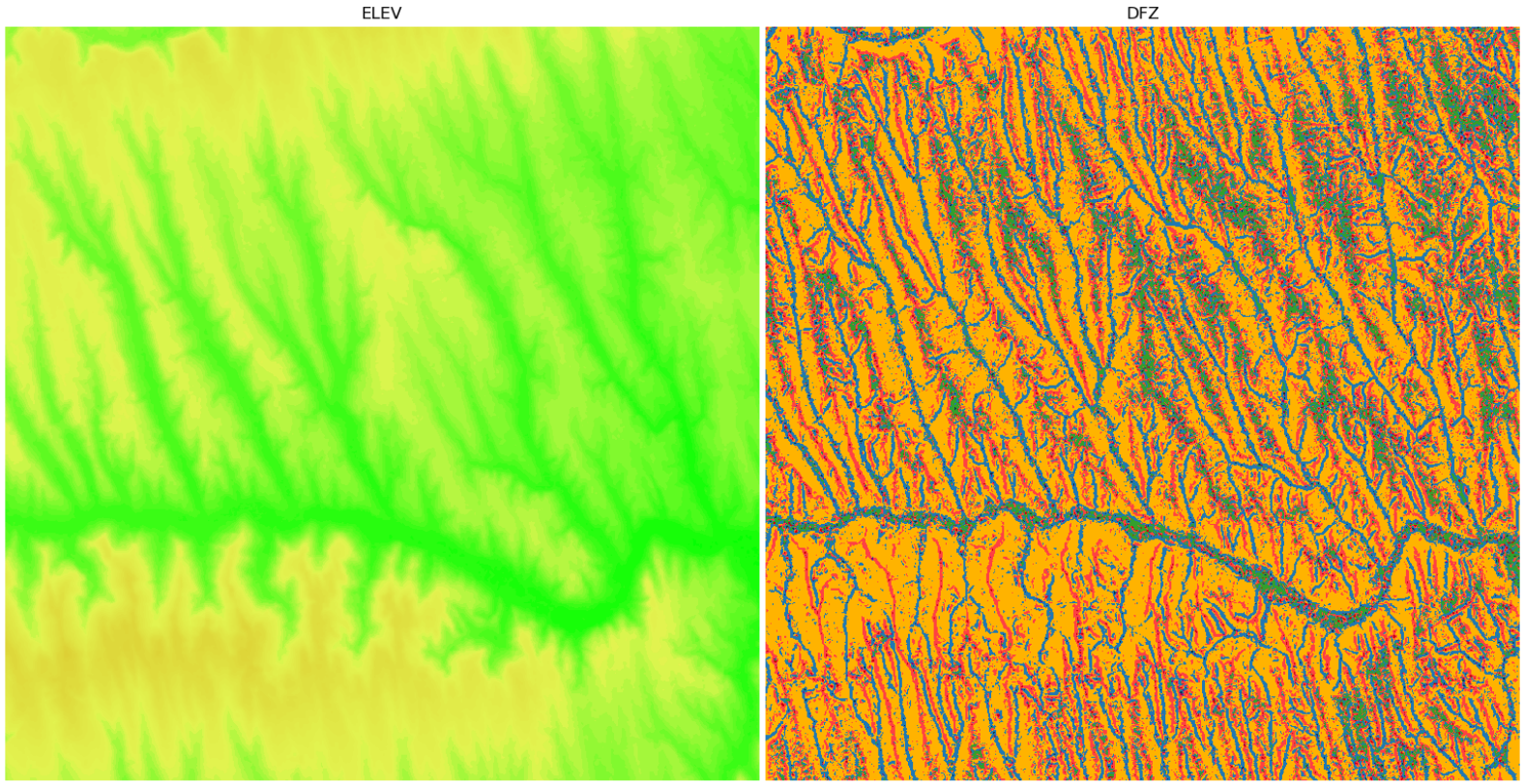
Result of defuzzyfication in different areas