

Fast flow accumulation

This project will improve the speed of flow accumulation.

Preliminary results

- Data: Texas drain raster from [Efficient longest flow path algorithm](#)
- Benchmark algorithms from <https://github.com/zhouguiyun-uestc/FastFlow>

Program	Algorithm only (sec)	Total (sec)
FastFlow Zhou fdr.tif fac.tif	170	213
FastFlow Wang fdr.tif fac.tif		
FastFlow Recursive fdr.tif fac.tif		
FastFlow Jiang fdr.tif fac.tif		
FastFlow BTI fdr.tif fac.tif		
Coming soon	48	107

References

- [A fast and simple algorithm for calculating flow accumulation matrices from raster digital elevation models \(https://doi.org/10.1007/s11707-018-0725-9\)](#)

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