

KRONOS VIEWSHED FOR QGIS

Checkpoint #2

By 王晗, 常啸寅, 郭浩, 尹赣闽

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实现的功能

- 处理前配置

读取当前项目中的栅格图层，供用户选择

从对话框中获取观察点坐标、输出图层名称

读取输入图层数据（尺寸、边界盒、像元值）

输入合法性判断

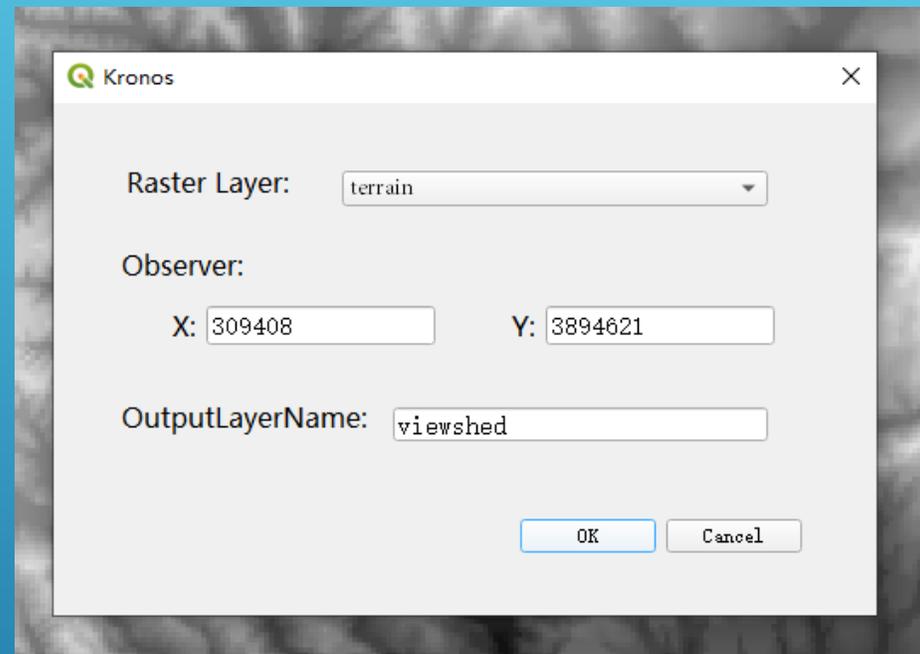
- 处理流程

可视域分析（朴素算法，类似R3算法）

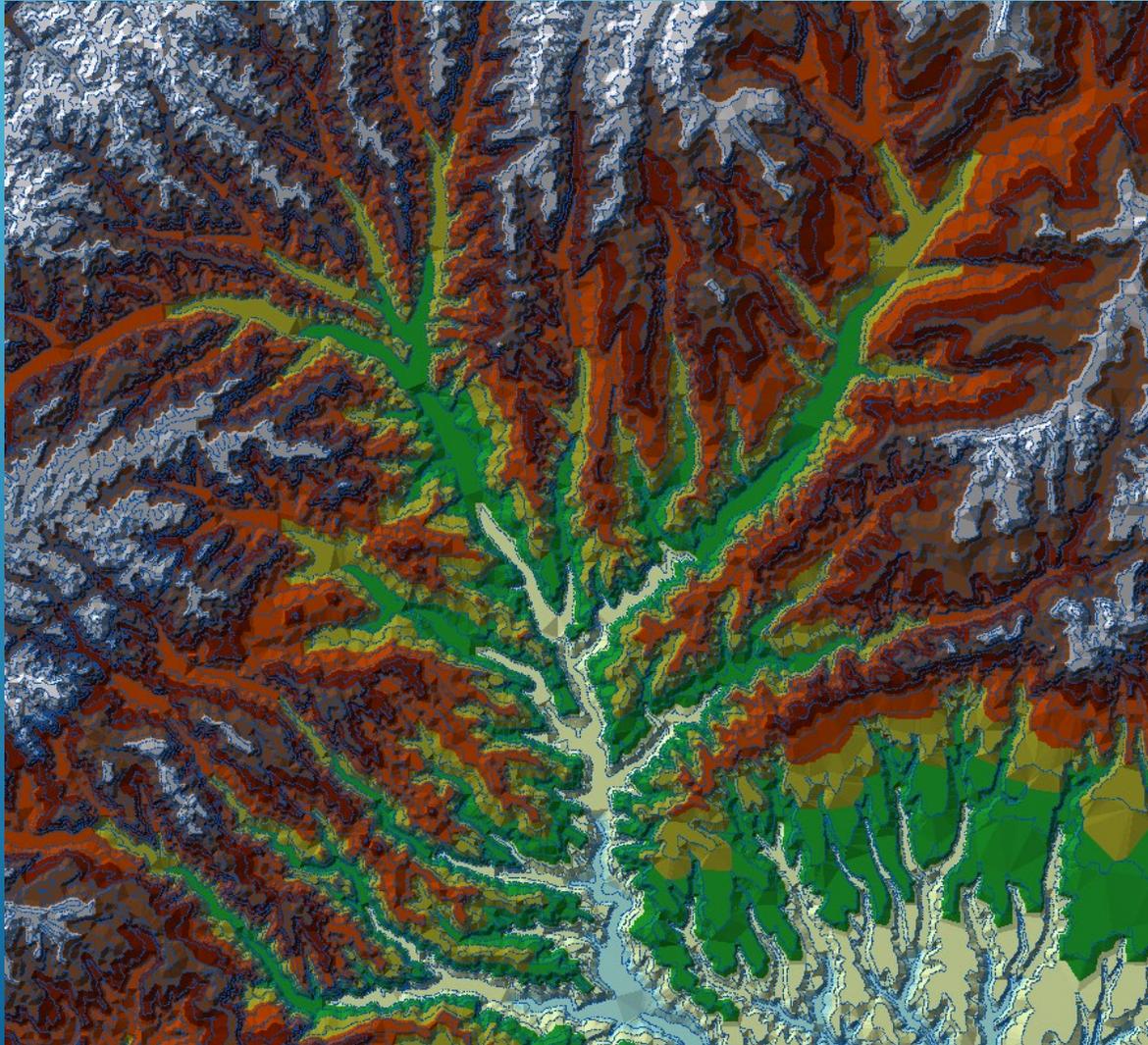
- 结果输出

输出TIFF格式二值图像

作为新图层加载到QGIS



测试数据



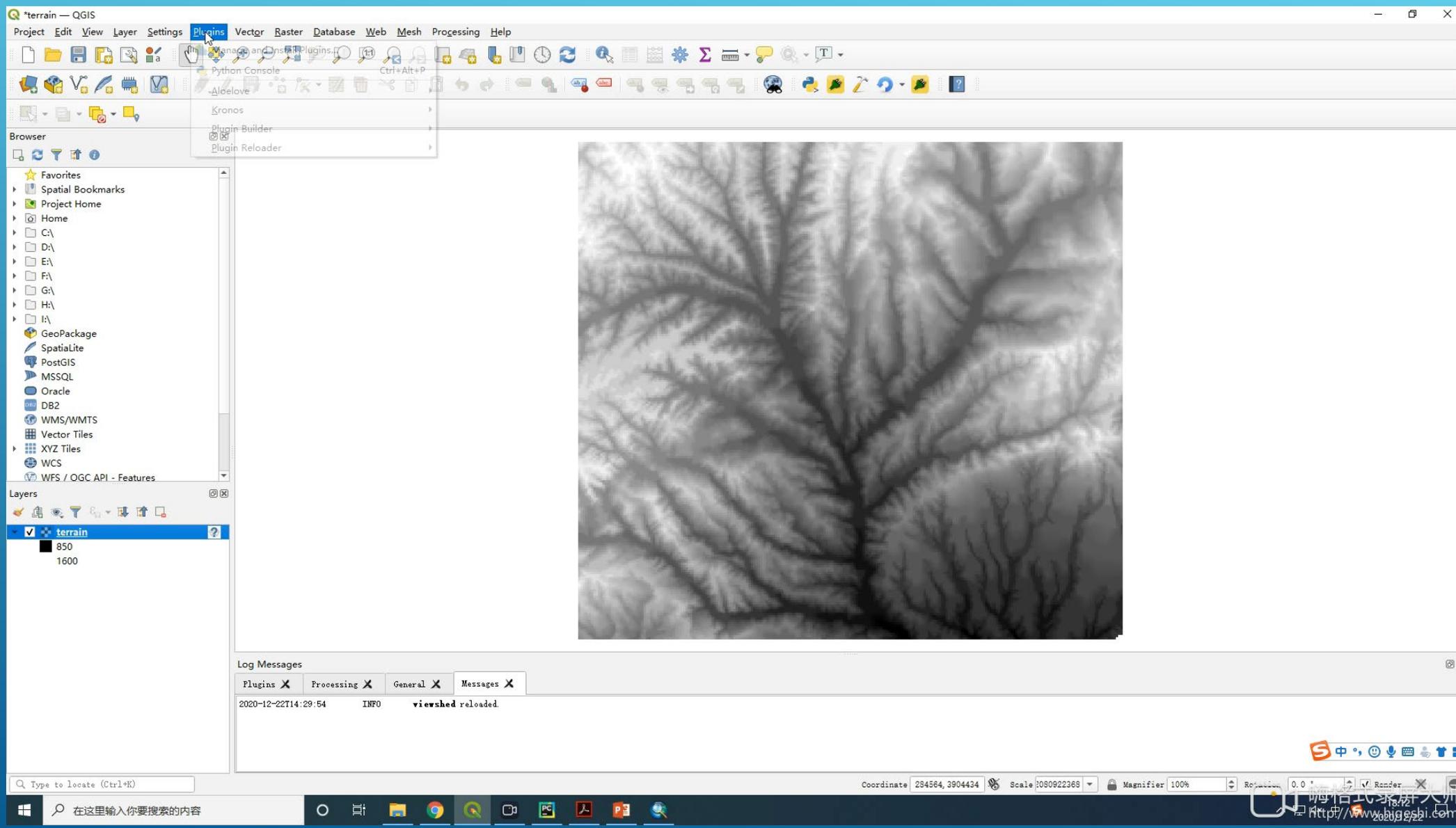
Size: 249*228

Min: 850m

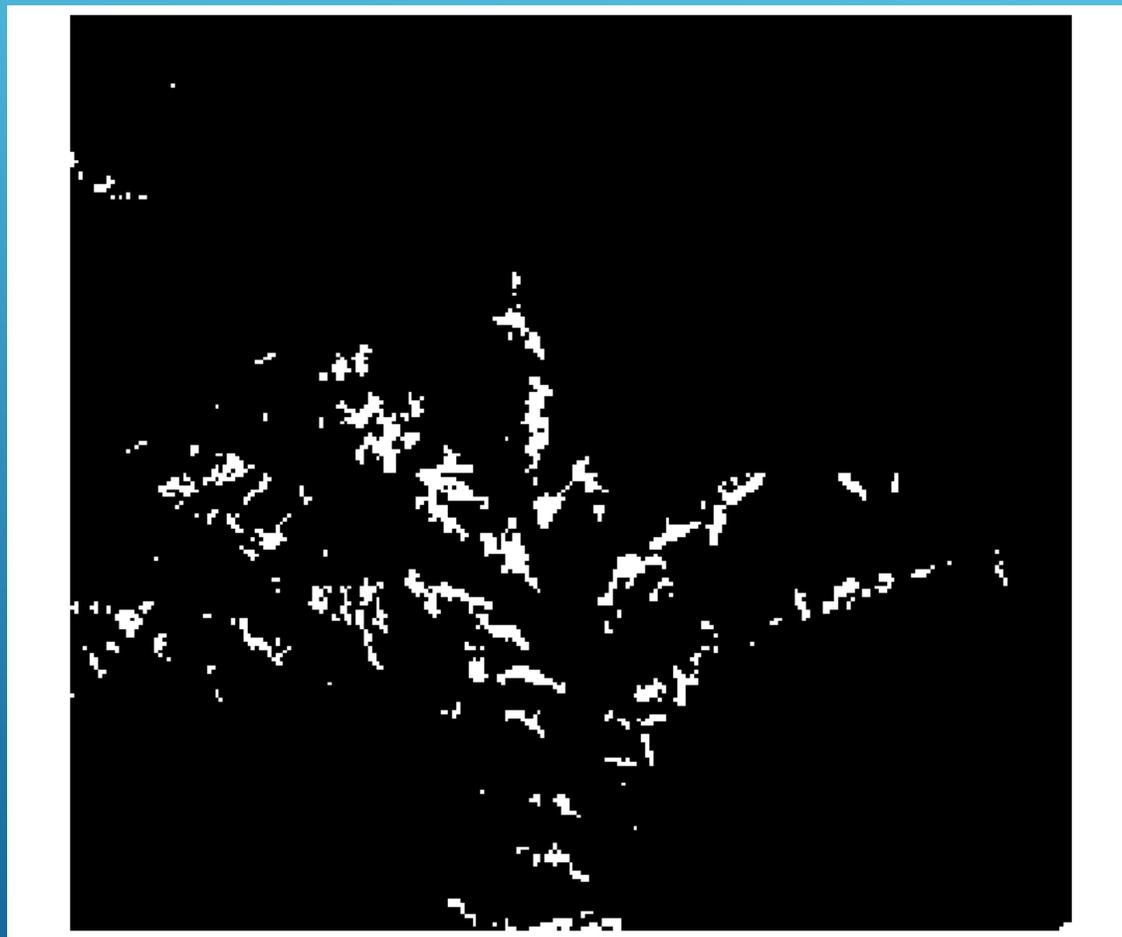
Max: 1600m

Resolution: 100m

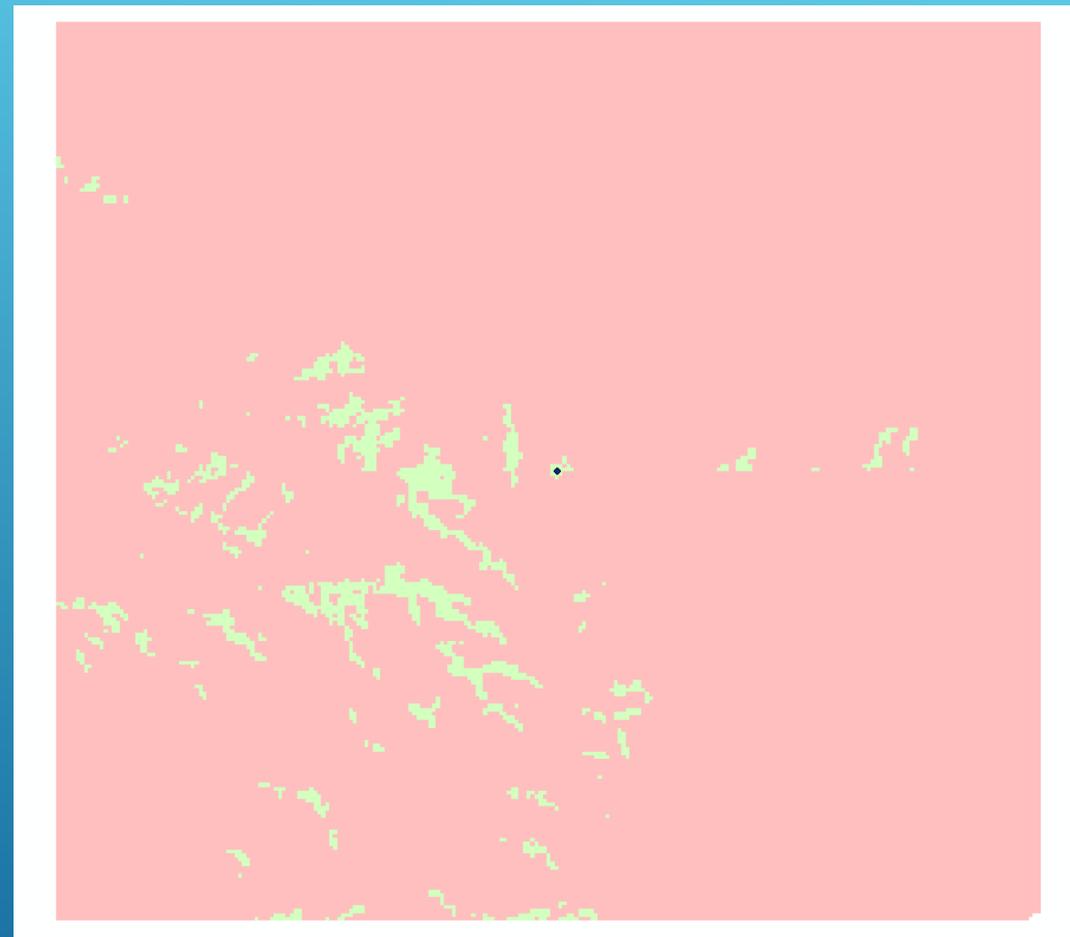
当前效果展示



结果验证

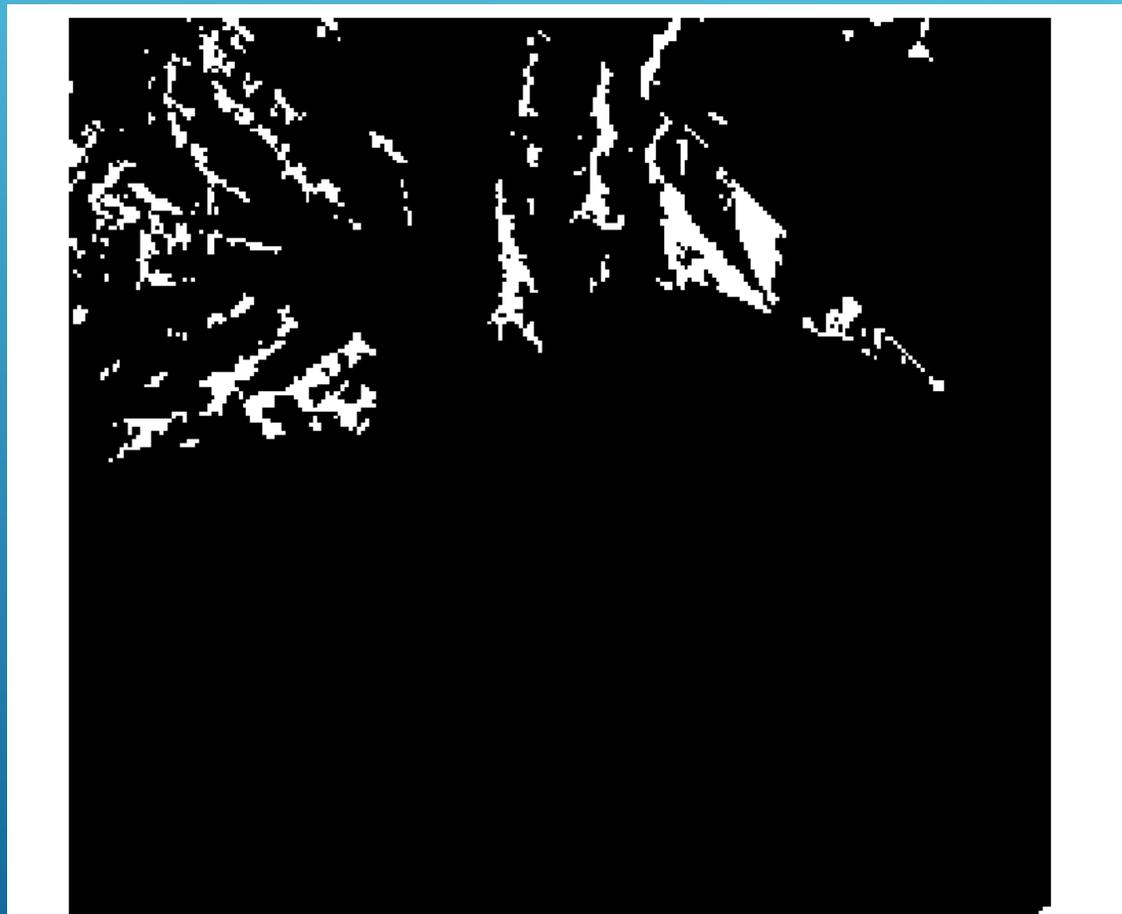


Kronos



ArcMap 10.3

结果验证



Kronos



ArcMap 10.3

