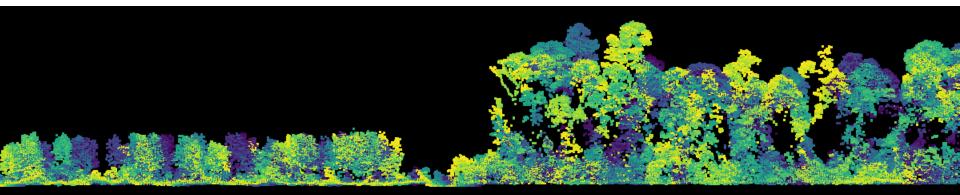
# Building a **strong** foundation for geospatial innovation

Martijn Visser (@visr), Deltares
JuliaCon 2018



#### What got me started on Julia

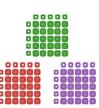


## Typical geospatial workflow is highly transorganizational

**JuliaArrays** 



JuliaData



JuliaGeometry



JuliaGeo



Julialmages



OSGeo

GeoStats.jl

GeometryTypes.jl

GMT.jl

GDAL.jl

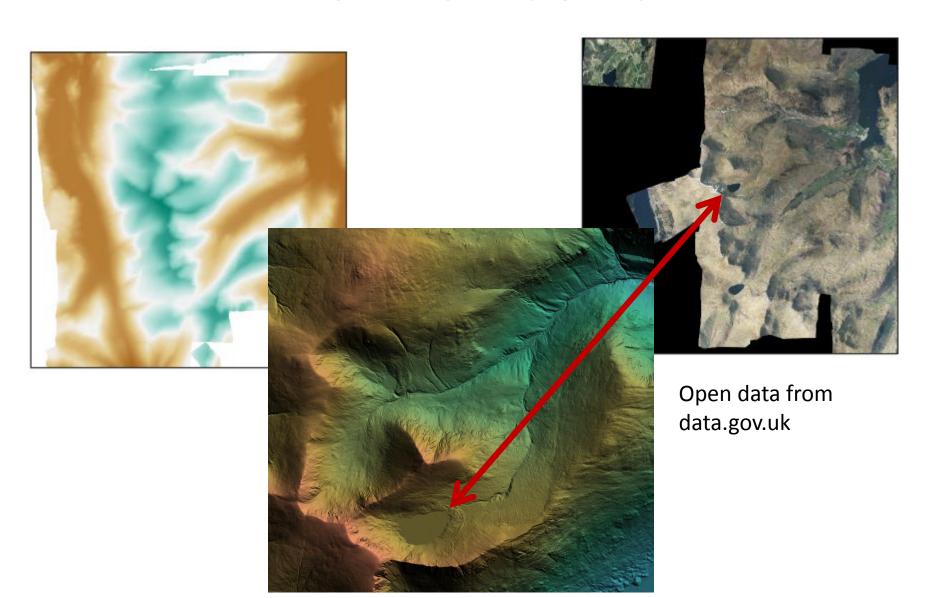
ArchGDAL.il

Images.jl

AxisArrays.jl

GeoInterface.jl

### Workflow demo



### To do / explore

- Better documentation / more examples
- Higher level interfaces
- Integrate rasters and AxisArrays.jl
- Integrate vectors and GeometryTypes.jl
- Finish converting to v0.7



https://github.com/yohanboniface/thank-you-map

#### In particular thanks to:

Yeesian Ng (@yeesian) – For building much of what is shown Fabian Gans (@meggart) – Involvement in JuliaGeo since the beginning Isaiah Norton (@ihnorton) – For Clang.jl, used to generate c wrappers Elliot Saba (@staticfloat) – For BinaryBuilder.jl, used to provide binaries

And all other contributors! May there be many more ©