

The GEOframe system: a modular, expandible, open-source system for doing hydrology by computer according to the open science paradigms.



Powered by the Object Modelling System 3

Rigon, R., Bancheri M, Formetta, G., Serafin F., Bottazzi, M., Tubini, N, D'Amato C.

vEGU April 27-28, 2021

Is NOT a
• model



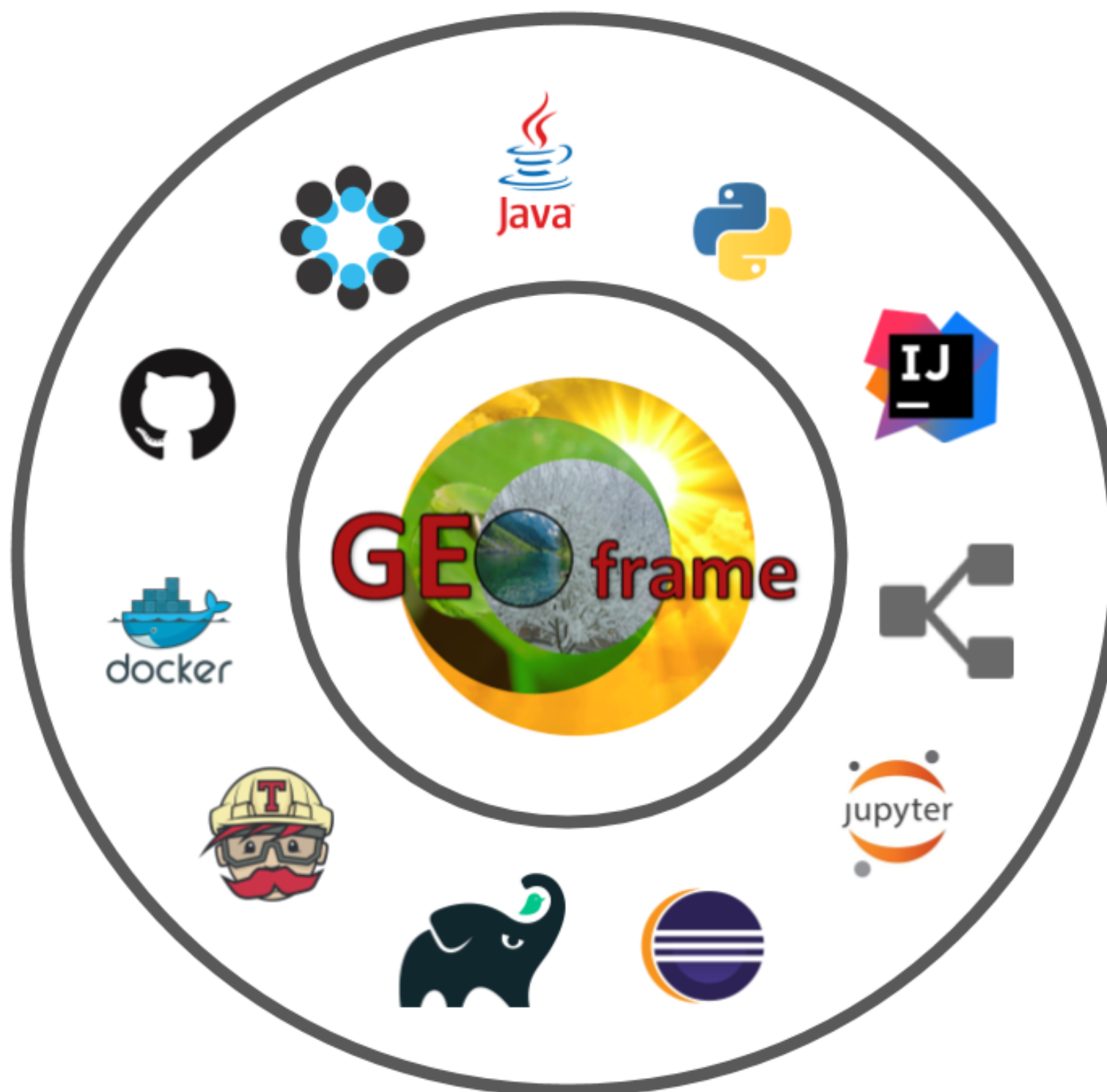
<https://www.scrum.org/resources/blog/little-help-my-friends>

It is a

- flexible system
- with many alternative composable choices
- that share ancillary tools
- and allows you to keep track of your simulations, data and parameters

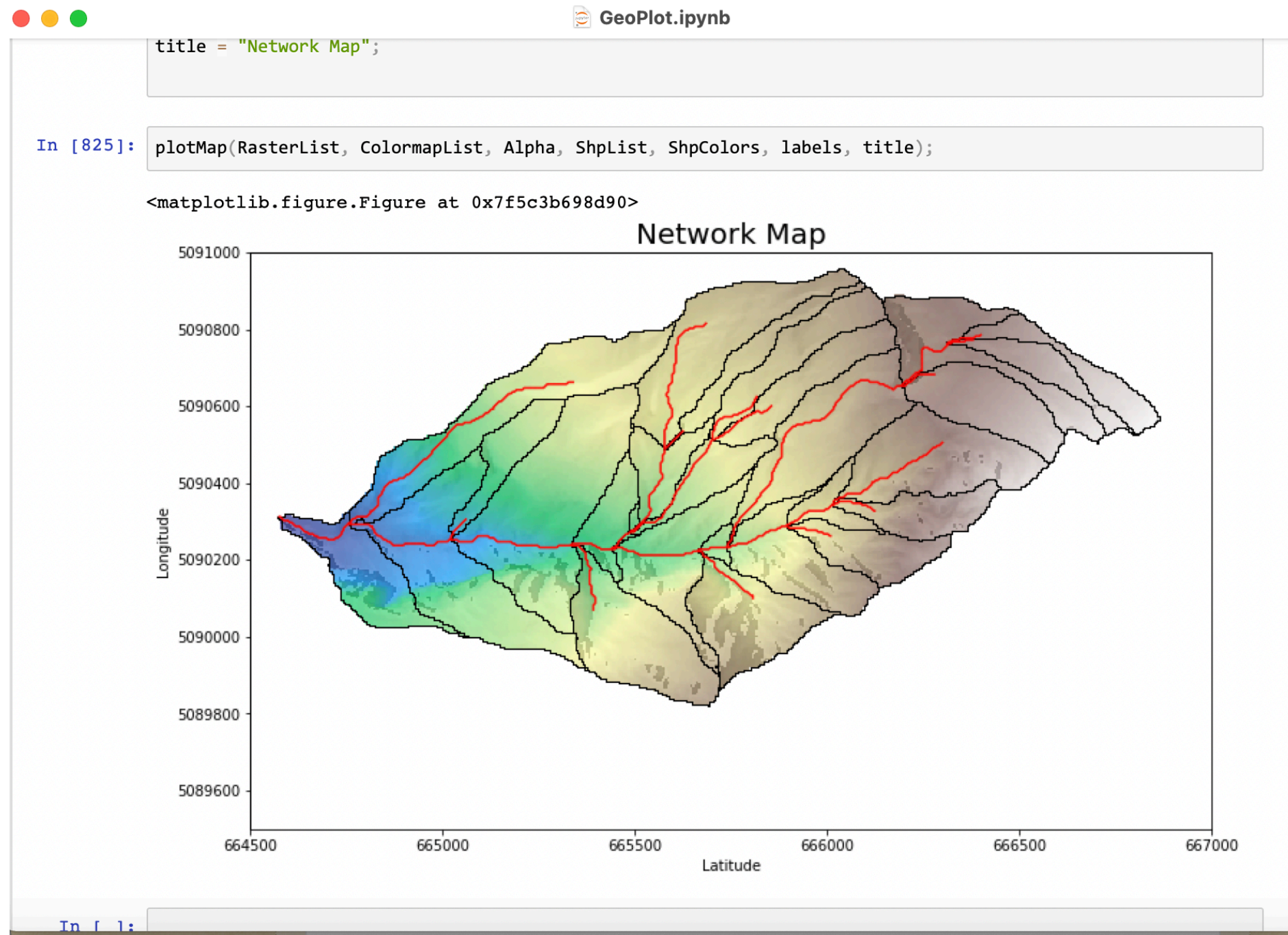


The GEOframe Universe





Storage ~ 0.5 Gb with data



AboutHydrology

AboutHydrology: The Hydrolog

GEOframe: Components Devel

github.com/geoframecomponents

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GEOframe: Components Development

GEOframe is a system for doing hydrology by computer

<http://geoframe.blogspot.it/> geoframe-components-users@goo...

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Collection of classes to save temporarily outputs

Java

GPL-3.0

0

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Updated on 7 Mar

WHETGEO-1D

WHETGEO-1D is a Java-based modeling environment to simulate water flow, heat and solute transport in variably saturated porous media.

Java

GPL-3.0

2

0

0

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Updated on 5 Mar

ETP

Java

GPL-3.0

2

0

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1

Updated on 30 Jan

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The GEOframe crew

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[Programme]

SC5.12

Introduction to Hydrological Modelling with the GEOframe system ▶

Co-organized by HS11

Convener: Riccardo Rigon  | Co-conveners: Marialaura Bancheri , Giuseppe Formetta 

★ Wed, 28 Apr, 09:00–10:00 (CEST) 

You'll know what is inside and how to make it work

G.Ulrici, 2000 ?



This talk



GEOTop essentials



GEOframe essentials



GEOframe Winter
School



OMS3 essentials

You can find these slides at <https://abouthydrology.blogspot.com>