



Final INSPIRE Data Specification on Groundwater

Tomasz NA••CZ

Geology & Mineral Resources

INSPIRE Thematic Working Group



Polish Geological Institute
National Research Institute

www.pgi.gov.pl

BOLOGNA, 12-15 JUNE 2012

EUREGEO 2012



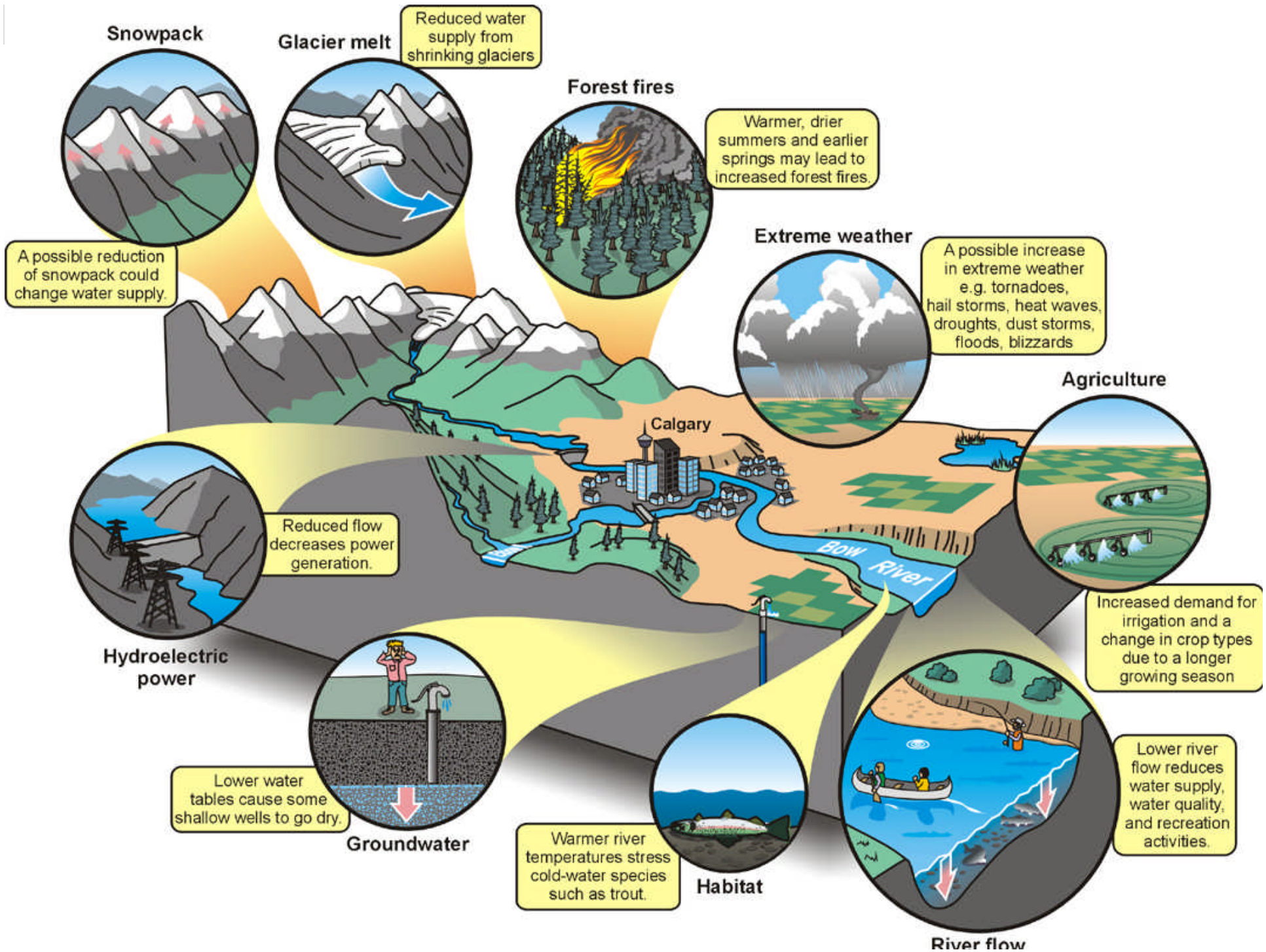
Is **GROUND**WATER relevant ?



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CLEAN WATER

No problem it is so easy

just open a tap. Hot. cold. Lukewarm.



It is worth reflecting on the fact that anyone in the world to draw from the same water, must pass 10 km walk in 40 degree heat, or even risk the life.

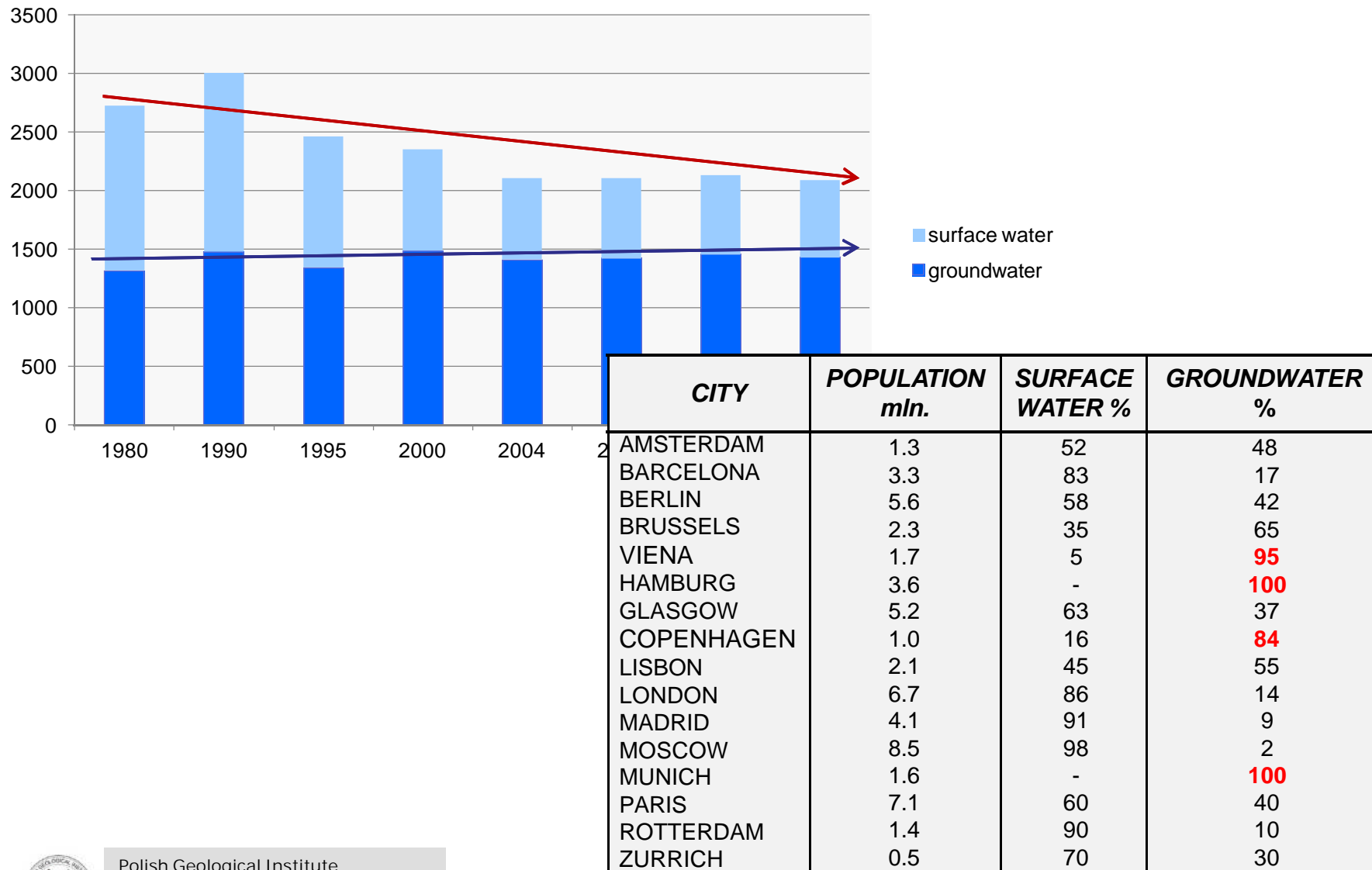


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WATER USAGE



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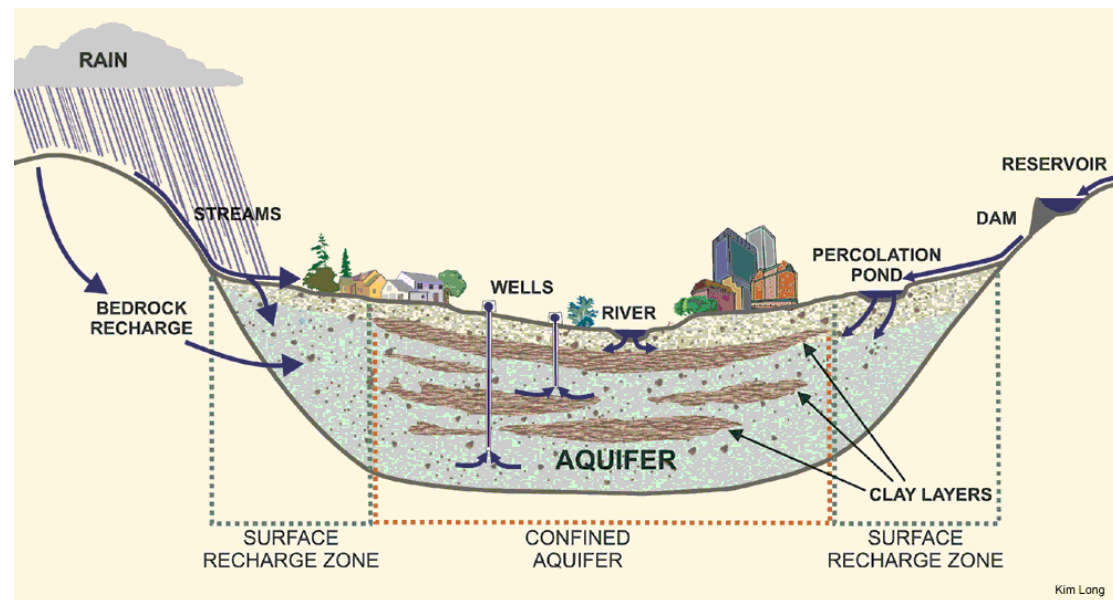
HYDROGEOLOGY vs. GEOLOGY

HYDROGRAPHY

Other domains
(SO, EF, AM, MR)

Hydrogeology is a independent domain

GEOLOGY



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BACKGROUND of DS

- Generic Conceptual Model
- ISO standards
- References and Use Cases
- Water Framework Directive (WFD)
- GroundWaterML
- INSPIRE Hydrography Data Specification
- Annex II and III DS concepts

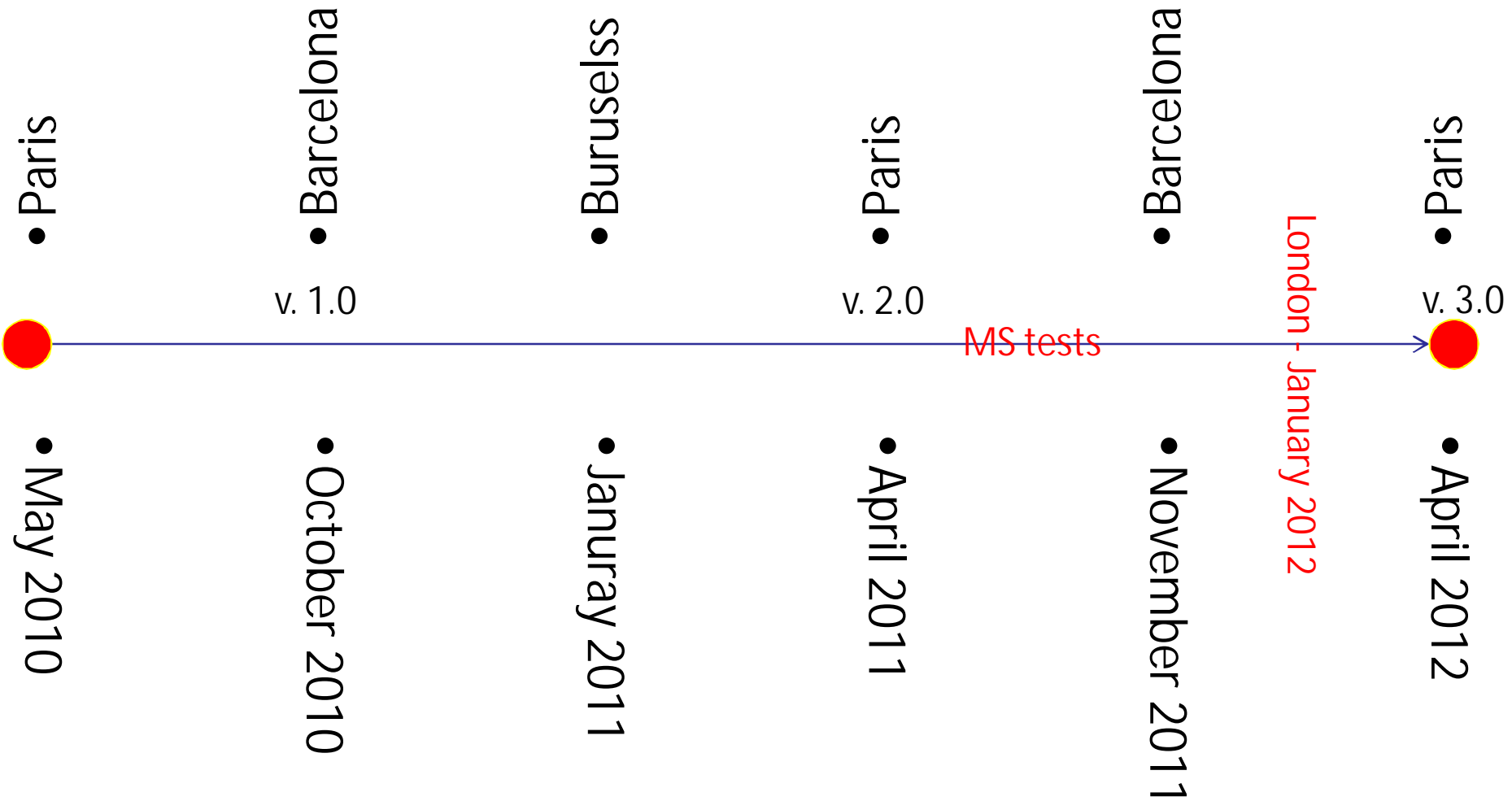


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ROAD MAP



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SDIC and LMO comments

- for the whole DS Geology - 1100
- approximately 192 comments HGE
- many duplicates
- specific comments - 129 on HGE
- concentrated on: definitions, code lists, connection HGE/GE, availability of data resources,

Term "football ellipsoid" could not be used in Europe! We play "football" here with a spherical ball, not with an ellipsoidal one!

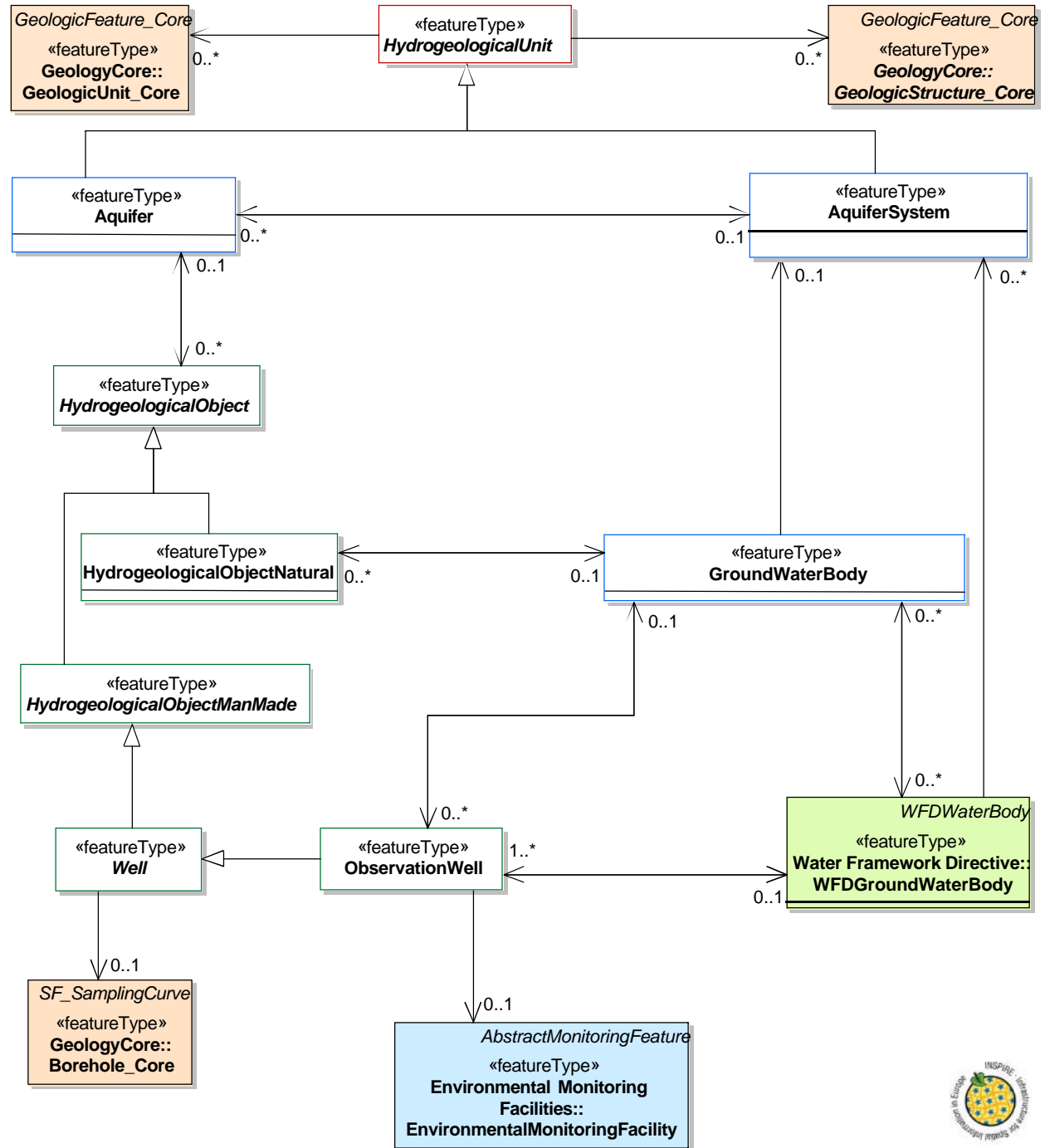


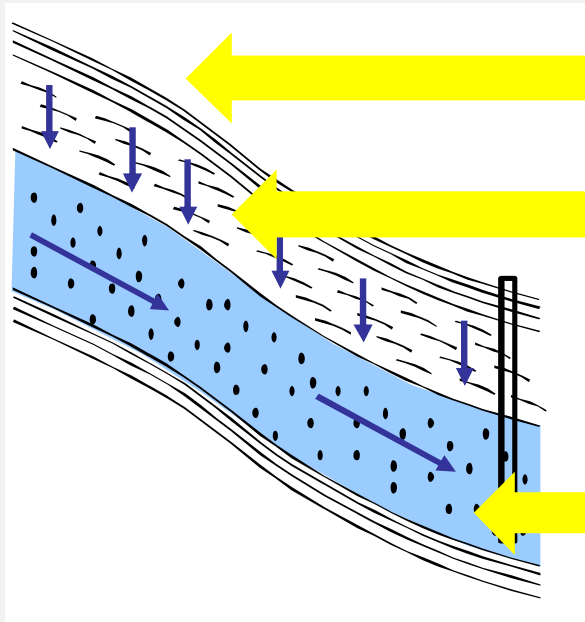
'rock' system

'groundwater' system

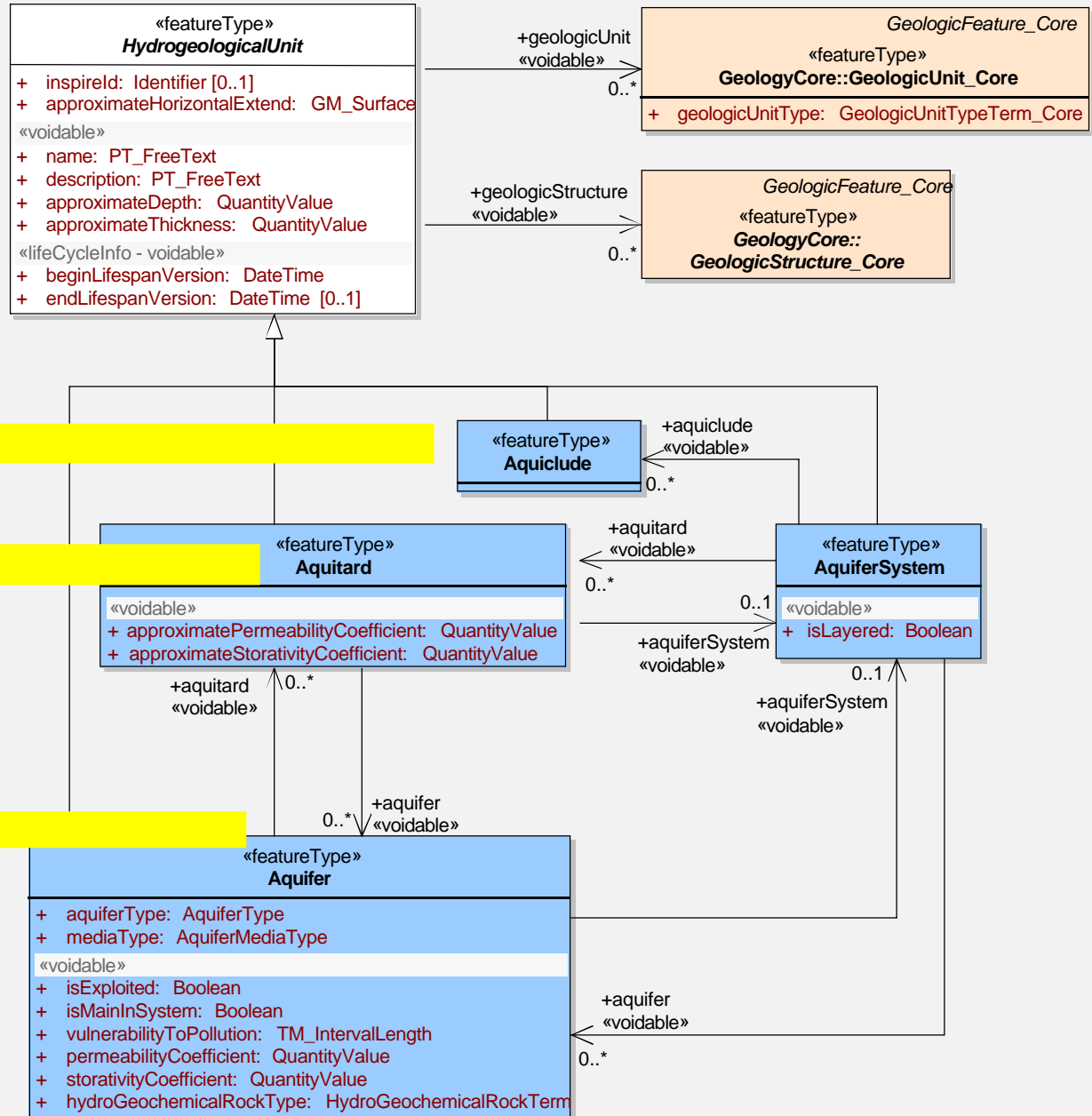
hydrogeological
objects

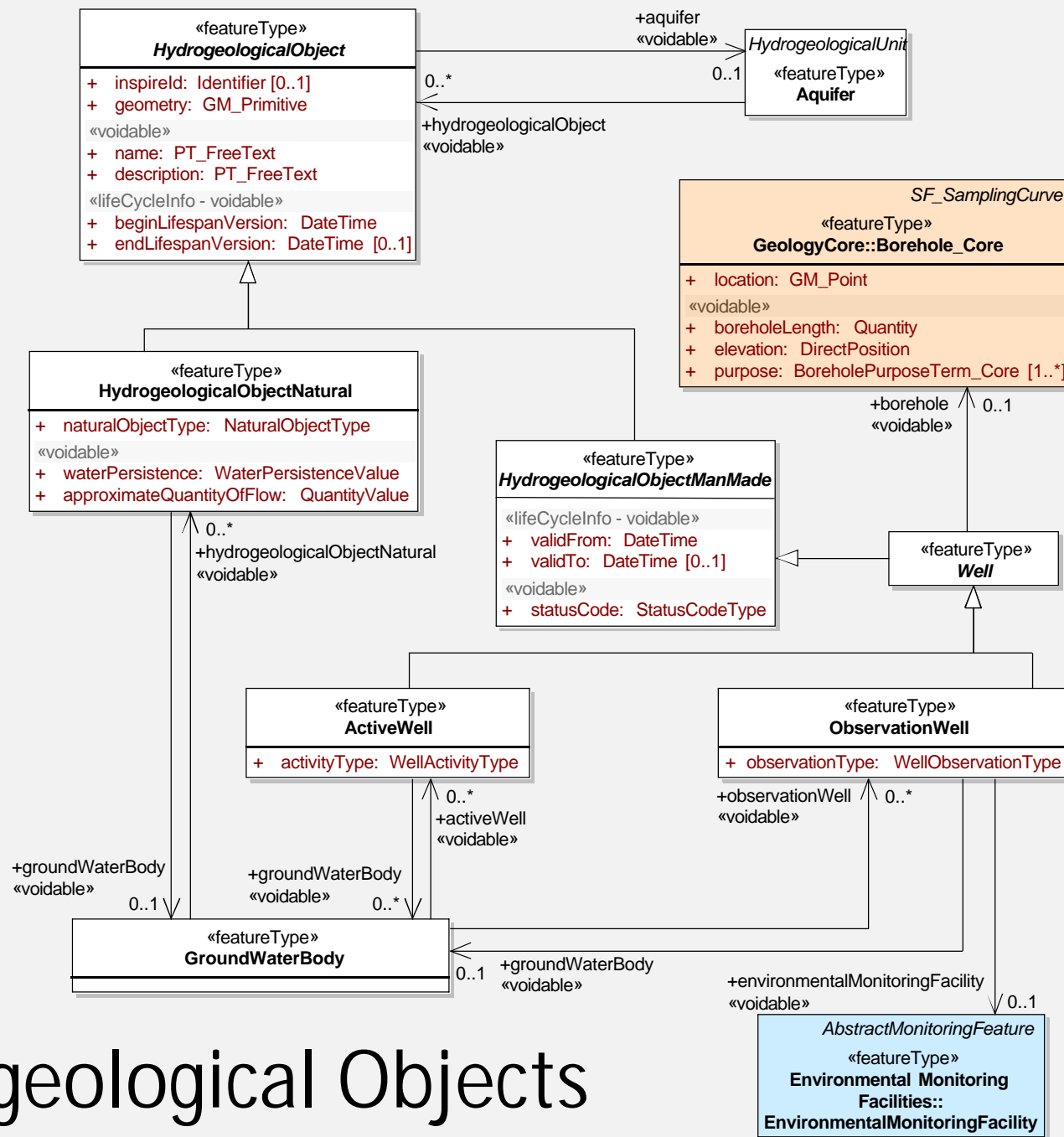
cross-issues





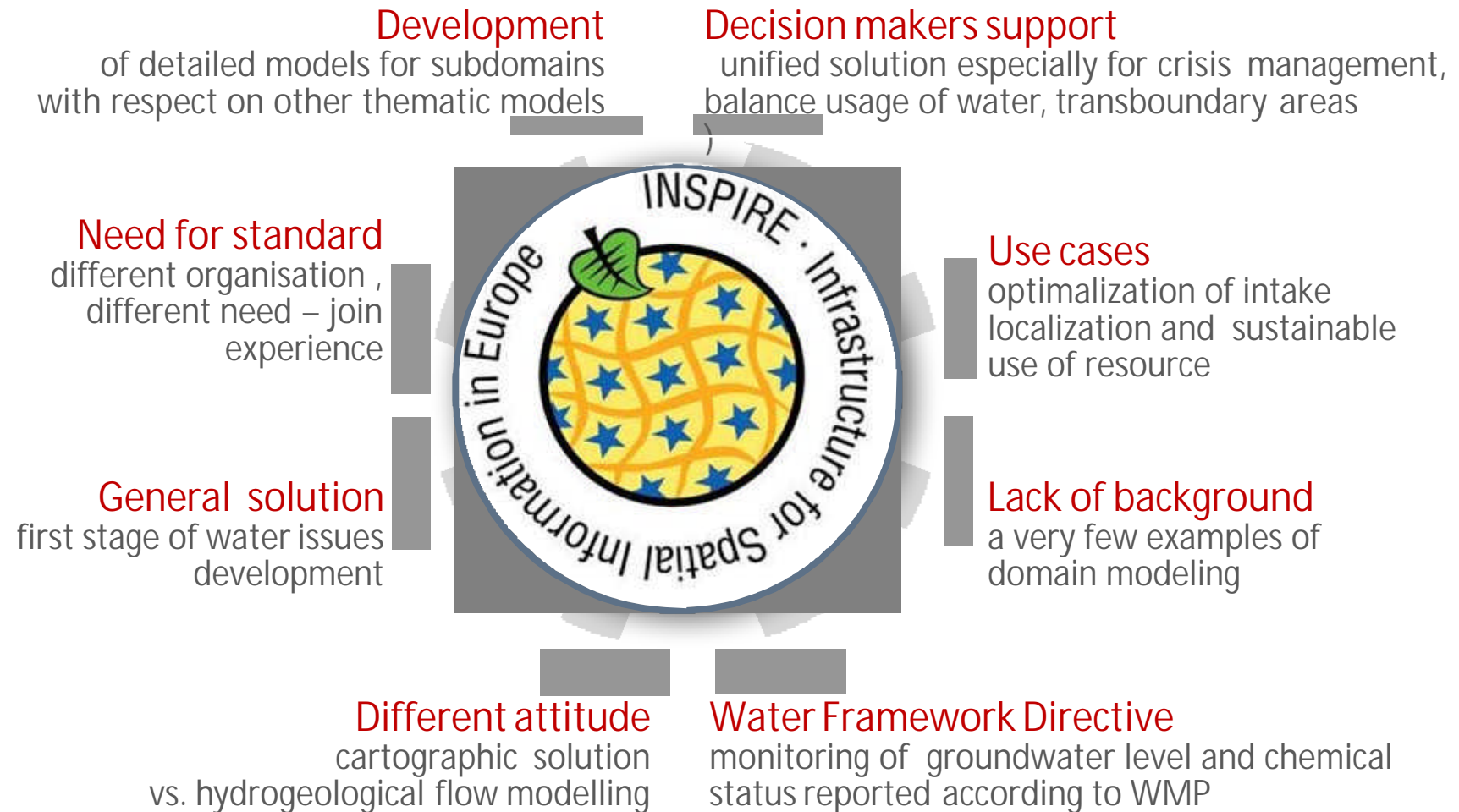
'rock' System





Hydrogeological Objects

CONCLUSION



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WHAT IS A NEXT STEP ?

HY
EF
AM MR
SO
ER

Bringing the standards

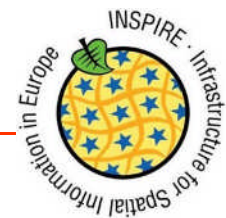




Thank you!

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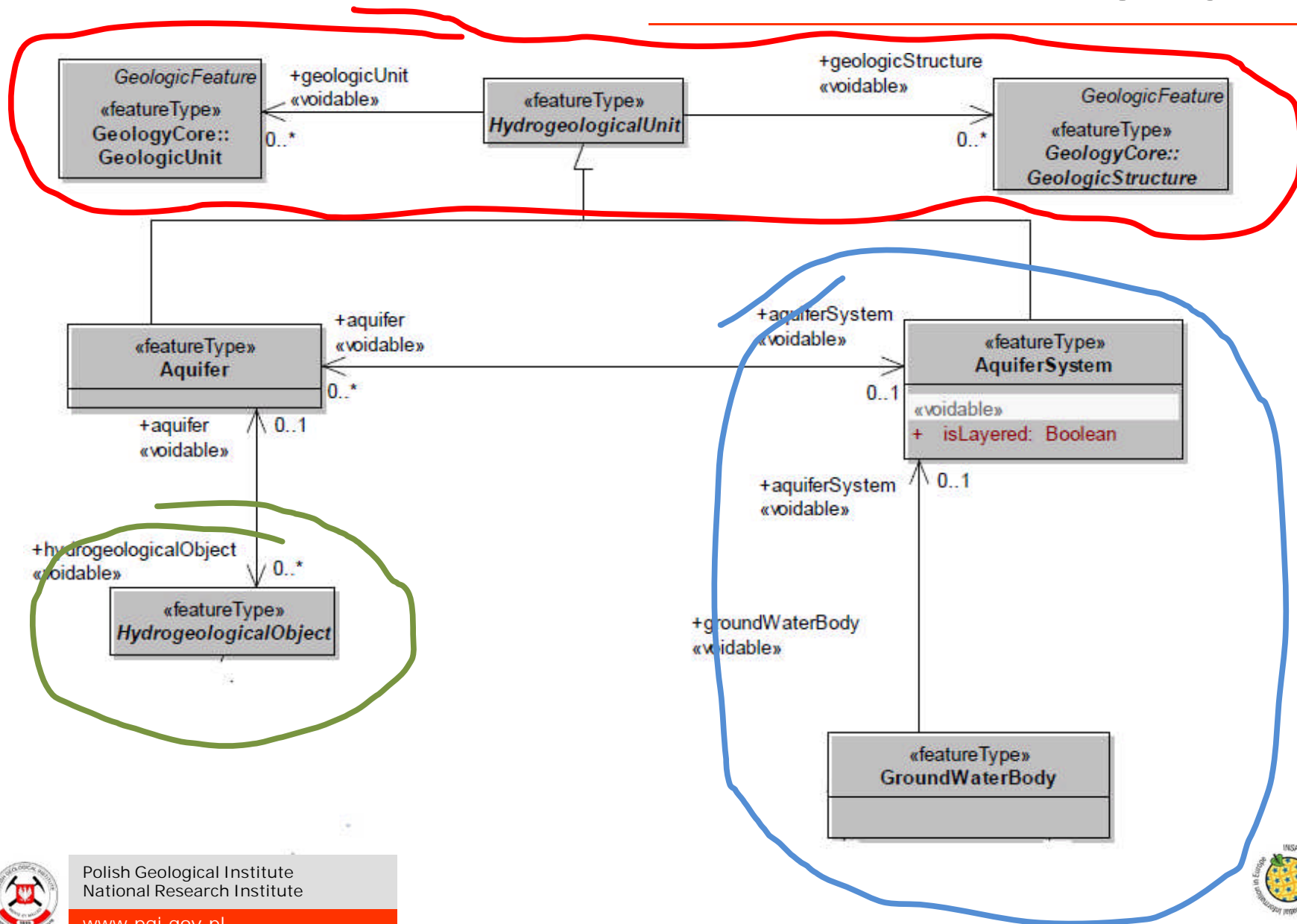
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RELATIONSHIP



MAIN COMPONENTS

