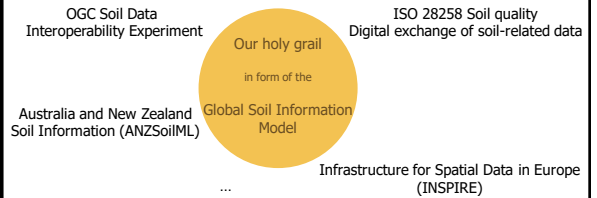


## U.N. FAO CONSULTATION PILLAR FIVE OF THE GLOBAL SOIL PARTNERSHIP

Tomáš ŘEZŇÍK

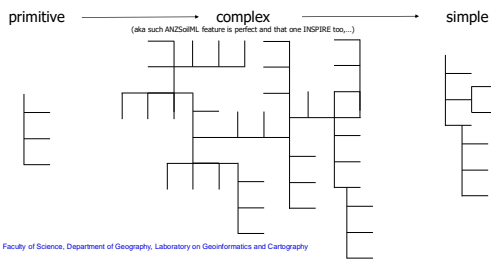
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## Mission and state-of-the-art



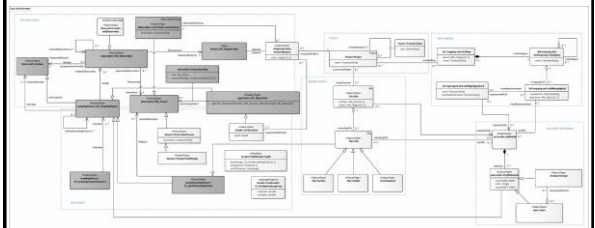
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## The most common data development



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## ISO 28258 data model



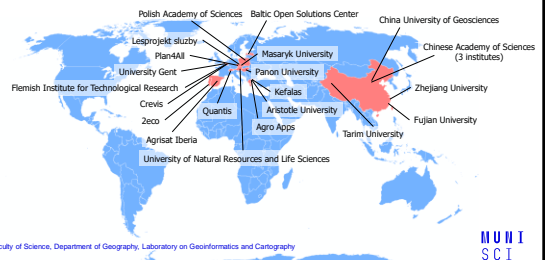
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## H2020 PROJECT „SIEUSOIL“

- Sino-EU Soil Observatory for intelligent Land Use Management
  - Flagship EU Research & Development Horizon 2020 projects
  - Addresses identical environmental challenges common in China and Europe
  - Design, implement and test a shared China-EU Web Observatory platform that will provide Open Linked Data to monitor status and threats of soil and assist in decision making for sustainable support of agroecosystem functions, in view of the projected climate change
- Funded between 2019 and 2022 (36 months)
  - Project started on 1 June 2019
  - European budget 5 mil. €
  - Chinese budget 12.1 mil. CNY (about 1.5 mil. €)

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## Participating partners



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## FAO (GLOSIS) and SIEUSOIL partnership

- Win-win situation when combining Food and Agriculture Organisation of the United Nations (FAO) and SIEUSOIL efforts
- A data model suitable for soil data around the world
- Should become also a new version of ISO 28258
- Backwards compliant mapping to (inter)national soil data structures



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