Changes in Geo-information education

Looking back and forward

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Developments in GI education

- Looking back: > 35 years
- Looking forward: 5 – 10? years
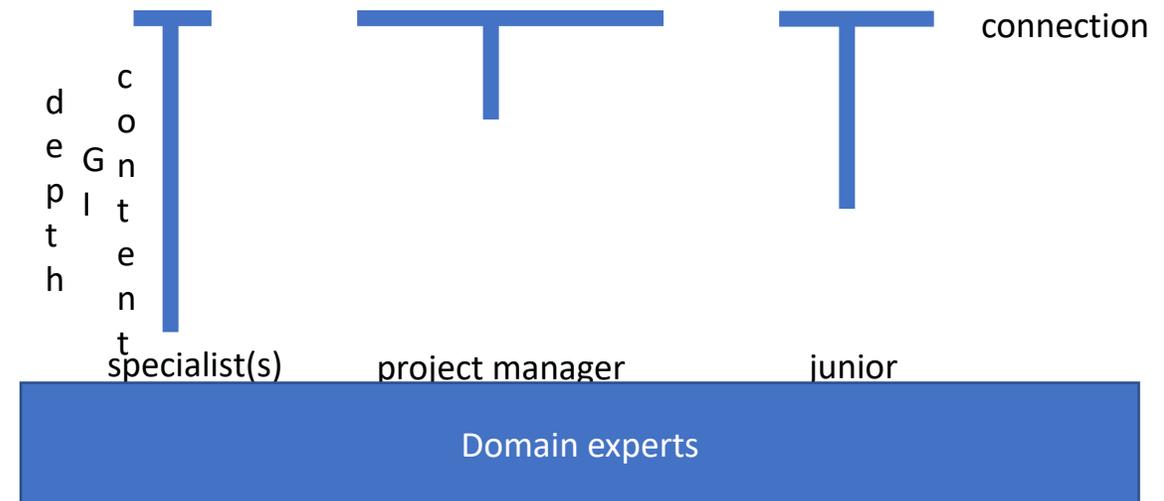
Major changes

- Development of formal GI education
  - Didactics, blended

- Software
  - Stand alone, web, cloud

- Increase in availability of digital data
  - Conversion, accessibility

- Organization
  - Individual → society wide use

- Growth of practical applications (outside geography)
  - Crowd, outside scientific and policy use

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Question: which one is for you the most important? differentiate between work and education

- Development of formal GI education

- Software

- Increase in availability of digital data

- Organization

- Growth of practical applications (outside geography)

- Other

Near future

- Team with specialisations and different levels
  - T –profiles
- Field and office integration
- Education
  - Individual choices, flexible & adaptive

Specific: Blended learning

- Netherlands: GIMA
  - > 20 years
  - Use of technology for more contact studen

- AGIS
  - Your own learning traject
  - 15 % of time
  - Choice

3D-GIS	Digital Twins
A green healthy living environment	Introduction QGIS
Advanced cartography in ArcGIS	Mapping urban green
ArcGIS Urban	MCDA
Basic_ArcGIS_Pro	MCDA_2
Citizen Participation	Network analysis
Data visualisation in QGIS	Remote sensing
Data_animation	remote sensing 2
Data_visualization_in_R	Serious gaming
Data_visualization_in_R_2	Spatial databases

Looking forward for your situation?

- Expertise still available?
- Energy/time to follow the changes?

Conclusion

- The only thing that is certain and consistent: a continous change
- So as an educator you need to be dynamic.

Questions or comments?

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