

# Stakeholders Insights on the Geological Maps Accessibility and Usability in Poland

Katarzyna Jóźwik, Urszula Stępień

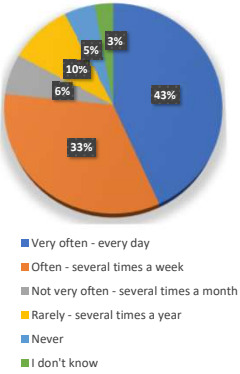


Geological maps serve not only geologists but also other professionals from various domains as well as individual students and researchers. To assist them in their daily tasks or in their pursuit of enhancing geological knowledge, the Polish Geological Survey is working on implementing the Polish Geological Cartography Platform (WPKG) - a modern tool for data storage and publication. Within the framework of the project, the main stakeholder groups were identified and sent a questionnaire regarding the usage and accessibility of geological and geology-related maps.

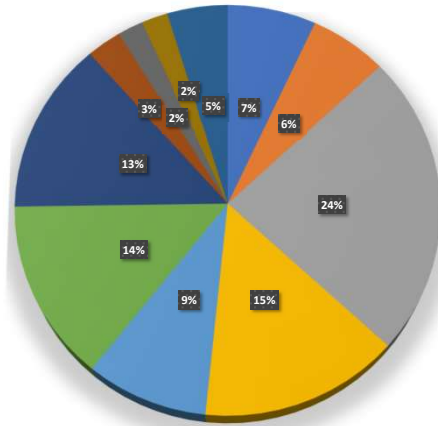
Over 500 stakeholders responded to the questionnaire, they represented the following groups:

- Local government units
- Geological and mining administration
- Water administration
- Environmental protection and consultancy
- Geodesy and cartography
- Selected universities and research institutes
- Geological companies
- Technological companies

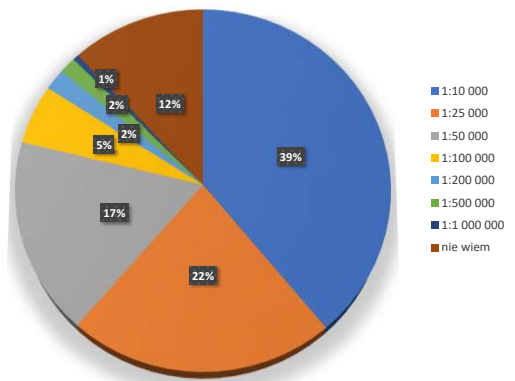
How often does your organisation use geologic maps?



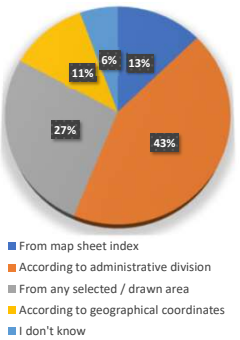
What kind of geologic maps does your organisation use or would like to use in the future?



What scale of maps is your organisation most likely to use or would like to use?

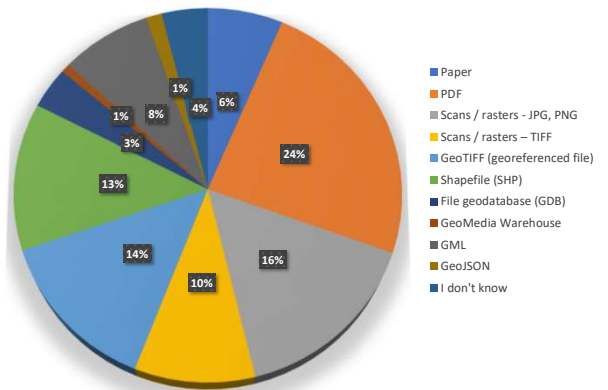


What would be the most convenient way for you to select the area from which to download the data package?

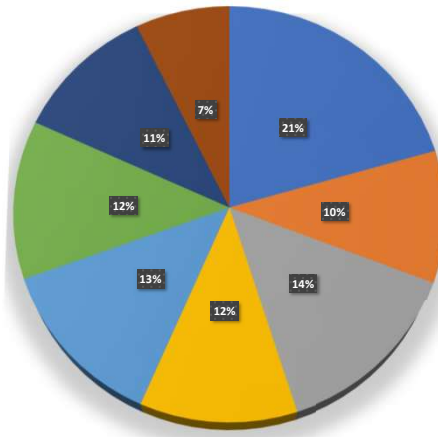


- Basic geology - genesis of sediments / rocks
- Basic geology - age of sediments / rocks
- Hydrogeology
- Engineering geology
- Landslides or other geohazards
- Geophysics
- Geothermal
- Mineral deposits
- Environmental geology
- Geodiversity and/or geotourism
- Geochemistry

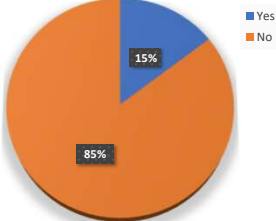
In what format would you like to extract maps and/or other cartographic products?



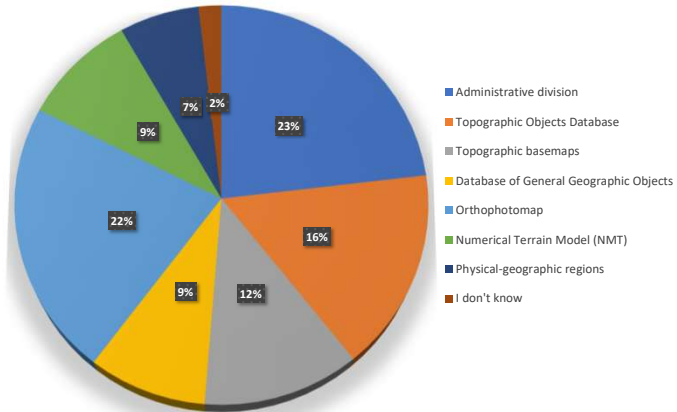
What cartographic products would your organisation like to download through the WPKG web application?



Does your organisation face or observe any obstacles in accessing data and obtaining and using geologic maps, if so, please specify what they are?



What reference data would be useful to display in the WPKG application?



„ Geological maps and hydrogeological data are in two different databases”

„The problem is the lack of data in the form of GIS files e.g. shp”

„ Complicated process for getting to the data. Nontransparent interface of applications from which data can be downloaded”

„ Poor online access to good quality maps”

„Not all data is available on the geoportal (e.g. documentary maps, cross-sections)”

„Data is not aggregated in one portal, but several portals have to be searched”

The responses provided by the stakeholders enabled the Polish Geological Survey to identify the basic obstacles they encounter when accessing and analyzing map data. This is a crucial step for the implementation of FAIR principles according to which data should be findable, accessible, interoperable, and reusable. The results of the survey, coupled with best practices from international projects and initiatives, will aid the Polish Geological Platform in addressing FAIR data challenges and therefore meeting the needs of a wide range of users. The poster will present a summary of the conducted survey.