

Name (.): Andrzej Affek**Title (*):** Dr**Country/Countries (*):** Poland**Institute name:** Institute of Geography and Spatial Organization, Polish Academy of Sciences**Department/section:** Department of Geoecology and Climatology**E-Mail:** a.affek@igipz.pan.pl**Web address:** http://www.igipz.pan.pl/member/show/andrzej_affek.html**I AM LOOKING FOR :** A PROJECT TO JOIN**BRIEF DESCRIPTION OF YOUR PARTNER SEARCH (*)** (2-3 lines to be published on the website – the complete form will be available to download)

Ecosystem services, potentials to provide services and their change over time, bundles of services, social perception, indicators of ecosystem potentials

Please complete the information below depending if you are looking for a partner (to join your project), or a project (you would like to join) – Max 1 page.

DESCRIPTION OF YOUR EXPERTISE /SKILLS

- A multidisciplinary approach to the study of human-environment relationships
- Landscape ecology: patterns, processes and social perception
- Ecosystem services: potentials, pollination service, bumble bees
- Dynamics of spatial structures (e.g. vegetation, land ownership)
- Landscape transformation and the persistence of former land systems
- Research methods: spatial analysis, statistical analysis of spatial data, surveys, airborne and terrestrial laser scanning (LiDAR)

Selected publications

- Affek A., Kowalska A., 2017, Ecosystem potentials to provide services in the view of direct users. *Ecosystem Services*, 26, 183-196. <https://doi.org/10.1016/j.ecoser.2017.06.017>
- Affek A., 2017, Indicators of ecosystem potential for pollination and honey production, *Ecological Indicators* (in press). <https://doi.org/10.1016/j.ecolind.2017.04.001>
- Affek A., Zachwatowicz M., Sosnowska A., Gerlee A., Kiszka K., 2017, Impacts of modern mechanised skidding on the natural and cultural heritage of the Polish Carpathian Mountains, *Forest Ecology and Management*, 405, 391-403. <https://doi.org/10.1016/j.foreco.2017.09.047>
- Affek A., 2016, Past Carpathian landscape recorded in the microtopography, *Geographia Polonica*, 89, 3, 415-424. <https://doi.org/10.7163/GPol.0062>
- Roo-Zielińska E., Affek A., et al., 2016, Potential of provisioning and regulating ecosystem services in postglacial landscape, *Economics and Environment*, 59, 274-291.
- Affek A., Kowalska A., 2014, Benefits of nature. A pilot study on the perception of ecosystem services, *Economics and Environment*, 51, 154-160.

DESCRIPTION OF YOUR PROJECT / THE PROJECT YOU WOULD LIKE TO JOIN

I would like to join the project that aims to build biodiversity and ecosystem service scenarios both at the local, case study scale, as well as at the European scale (e.g. I could be responsible for providing and processing data for Poland). Downscaling and upscaling of indicators and analysis of different dimensions of services (potential supply, flow, demand, etc.) are also issues I am ready to work on.

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