

CURRICULUM VITAE

RNDr. Mgr. Bc. Tomáš Janík, Ph.D.

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WORK EXPERIENCE

- 2018 - present Researcher at The Silva Tarouca Research Institute for Landscape and Ornamental Gardening (since 2022 deputy head of the Department of Spatial Ecology)
- 2019 - present Faculty of Science, Charles University (researcher, since 2024 assistant professor)
- 2022 – present Municipal Assembly member, Prague 10
- 2019 – 2022 Coordinator of sustainable development, Prague 10

EDUCATION

- 2016 - 2023 Charles University in Prague, Faculty of Science, Doctoral degree (Ph.D., RNDr.), Physical Geography and Geoecology
- 2014 - 2017 Charles University in Prague, Faculty of Science, Master degree (Mgr.), Social Geography and Regional Development
- 2014 - 2016 Charles University in Prague, Faculty of Science, Master degree (Mgr.), Physical Geography and Geoecology
- 2011 - 2014 Charles University in Prague, Faculty of Science, Bachelor degree (Bc.) Geography and Cartography
- 2011 - 2014 Charles University in Prague, Faculty of Arts, Bachelor degree (Bc.) History

PUBLICATIONS

JANÍK, T, ZÝKA, V., DEMKOVÁ, K., HAVLÍČEK, M., BOROVEC, R., LICHOVÁ, A., MRKVOVÁ, B., ROMPORTL, D. (2024): *Anthropogenic pressure in Czech protected areas over the last 60 years: A concerning increase*. Landscape and Urban Planning, 250, 105146.

JANÍK, T., ROMPORTL, D., KŘENOVÁ, Z. (2024): *Applying landscape ecological principles in comprehensive landscape protection: Šumava National Park as a case study*. Nature Conservation, 55, 297–320.

JANÍK, T., SKOKANOVÁ, H., HAVLÍČEK, M., BOROVEC, R., ROMPORTL, D. (2024): *Landscape changes in Czech large protected areas 1950–2020: Two different landscapes types on the same path*. Journal for Nature Conservation, 81, 126705.

JANÍK, T. (2024): *Proměny krajiny CHKO Bílé Karpaty a jejího okolí*. Bílé – Biele Karpaty, 29, 1, 14–15.

JANÍK, T., ROMPORTL, D. (2024): *Změny krajiny v chráněných územích v posledních 70 letech*. Ochrana přírody, 79, 3, 20–24.

BLUHM, H., DISERENS, T., ENGLEDER, T., HEISING, K., JANÍK, T., JIRKŮ, M., KÖNIG, H. J., KOWALCZYK, R., KUIJPER, D., MAŚLANKO, W., MICHLER, F., NEUMANN, W., OESER, J., OLECH, W., PERZANOWSKI, K., RATKIEWICZ, M., ROMPORTL, D., ŠÁLEK, M., KUEMMERLE, T. (2023): *Widespread habitat for Europe's largest herbivores, but poor connectivity limits recolonization*. Diversity and Distribution, 29, 3, 423–437.

JANÍK, T., ROMPORTL, D. (2023): *Prioritization of spatial protection of Šumava National Park, Czechia: comparing reality and the model*. Journal of Maps, 19, 1.

JANÍK, T., ZÝKA, V., BOROVEC, R., DEMKOVÁ, K., HAVLÍČEK, M., HOUŠKA, J., LICHOVÁ, A., MRKVOVÁ, B., SIMERSKÁ, D., SKOKANOVÁ, H., STEHNO, J., ROMPORTL, D. (2023): *Atlas změn krajiny ve velkoplošných zvláště chráněných územích 1950–2020*. Výzkumný ústav Silva Taroucy pro krajinu a okrasné zahradnictví, v. v. i., Průhonice. 132 s. ISBN 978-80-87674-51-2.

JANÍK, T. (2023): *Recreation in Czech large protected areas: counted and sorted*. In: Conference proceedings – Public recreation and landscape protection with sense hand in hand? Brno: Mendel University, 224–227. ISBN 978-80-7509-905-1.

JANÍK, T., ROMPORTL, D., KŘENOVÁ, Z. (2023): *Národní parky jako ostrůvky divočiny*. Geografické rozhledy, 33, 2, 4–7.

KŘENOVÁ, Z., JANÍK, T., ROMPORTL, D. (2022): *One Park, Two Owners - Inconsistencies in Forest Stewardship*. Conservation Science and Practice, 4, 12, e12834.

JANÍK, T., BIČÍK, I., KUPKOVÁ, L. (2022): *Transformation of Czech cultural landscapes over the past two centuries: typology based on model areas*. Geografie, 127, 3, 241–269.

JANÍK, T., ROMPORTL, D. (2022): *Prioritization of nature conservation and anthropogenic activities: case of Šumava NP*. In: Conference proceedings – Public recreation and landscape protection with sense hand in hand? Brno: Mendel University, 248–251. ISBN 978-80-7509-830-6.

LIPSKÝ, Z., KUPKOVÁ, L., CHROMÝ, P., KUČERA, Z., BRŮHA, L., JANÍK, T., POTŮČKOVÁ, M., ŠTEFANOVÁ, E. (2022): *Lost landscapes in the territory of Czechia*. Zprávy památkové péče, 82, 4, 496–508.

JANÍK, T. (2022): *Od mozaiky k lánu*. Přírodovědci.cz, 11, 2, 20–21.

JANÍK, T., ZÝKA, V., LACHOVÁ, B. (2022): *Změny krajiny Českého lesa od 50. let 20. století*. Český les, 21, 37–41.

JANÍK, T., PETERS, W., ŠÁLEK, M., ROMPORTL, D., JIRKŮ, M., ENGLER, T., ERNST, M., NEUDERT, J., HEURICH, M. (2021): *The declining occurrence of moose (Alces alces) at the southernmost edge of its range raise conservation concerns*. Ecology and Evolution, 11.

JANÍK, T., ZÝKA, V., LACHOVÁ, B., DEMKOVÁ, K., BOROVEC, R., ROMPORTL, D. (2021): *Anthropogenic pressure: Quantifying and clustering human structures in “sandstone” protected areas*. In: Conference proceedings – Public recreation and landscape protection with sense hand in hand? Brno: Mendel University, 52–57. ISBN 978-80-7509-780-4

JANÍK, T., KUPKOVÁ, L. (2021): *Heritage, change and consequences for recreation: landscape development in Czechia during the last 200 years*. In: Conference proceedings – Public recreation and landscape protection with sense hand in hand? Brno: Mendel University, 241–244. ISBN 978-80-7509-780-4

JANÍK, T., SKOKANOVÁ, H., BOROVEC, R., ROMPORTL, D. (2021): *Landscape changes of rural protected landscape areas in Czechia: from arable land to permanent grassland – from old to new unification?* Journal of Landscape Ecology, 14, 3, 88–109.

DEMKOVÁ, K., JANÍK, T. (2021): *Jak se změnila naše krajina*. Bílé – Biele Karpaty, 26, 1, 12–13.

JANÍK, T. (2021): *Jak se změnila krajina Slavkovského lesa od 50. let 20. století?* Arnika, 47, 2, 47–51.

JANÍK, T., ZÝKA, V., DEMKOVÁ, K., BOROVEC, R., ROMPORTL, D. (2020): *Landscape monitoring: Urbanization and recreation in protected areas. Where to draw the line?* In: Conference proceedings – Public recreation and landscape protection with sense hand in hand? Brno: Mendel University, 267–272. ISBN 978-80-7509-715-6.

JANÍK, T. (2020): *Bavarian Forest and Šumava National Parks: on the way to transboundary wildlife management and conservation?* Silva Gabreta, 26, 51–63.

JANÍK, T., ZÝKA, V., SKOKANOVÁ, H., BOROVEC, R., DEMKOVÁ, K., HAVLÍČEK, M., CHUMANOVÁ, E., HOUŠKA, J., ROMPORTL, D. (2020): *Landscape development in the Krkonoše Mts. From foundation of the Krkonoše Mts National Park till present*. Opera Corcontica, 57, 65–76.

JANÍK T., ZÝKA V., BOROVEC R., DEMKOVÁ K., ROMPORTL D. (2020): *Land cover changes in selected protected areas in Ústí nad Labem region: trends and typology*. *Studia Oecologica*, 14, 1, 3–11.

ZÝKA, V., JANÍK, T., SKOKANOVÁ, H., DEMKOVÁ, K., BOROVEC, R., ROMPORTL, D., HOUŠKA, J. (2020): *Landscape monitoring: A focus on the development of the Bpohemian Karst Protected Landscape Area*. *Český kras*, 46, 53–60.

JANÍK, T., ZÝKA, V., SKOKANOVÁ, H., BOROVEC, R., DEMKOVÁ, K., HAVLÍČEK, M., CHUMANOVÁ, E., HOUŠKA, J., ROMPORTL D. (2019): *Landscape development on the territory of the NP and PLA Šumava since the 1950s till present*. *Silva Gabreta*, 25, 1–14.

JANÍK, T., ROMPORTL, D. (2018): *Recent land cover change after the Kyrill windstorm in the Šumava NP*. *Applied Geography*, 97, 196–211.

JANÍK, T. (2018): *Land Cover Changes In Central European Mountains: A Case Study of Šumava*. *Science Trends*. <https://doi.org/10.31988/SciTrends.34581>.

PETRŮK, P., FANTA, J., JANÍK, T., STACHURA, J. eds. (2018): *Jak se do lesa volá...* Edice Strategie AV21 Akademie věd ČR.

JANÍK, T. (2018): *Těžký průmysl střídají inovace*. *Přírodovědci.cz*, 7, 4, 30–31.

JANÍK, T., ROMPORTL, D. (2017): *Complex comparison of Bavarian and Bohemian Forest National Parks from Geographical perspective: Is there more similarity or difference?* *Journal of Landscape Ecology*, 10, 1, 58–74.

JANÍK, T. (2017): *Stručná historie šumavských lesů*. *Přírodovědci.cz*, 6, 3, 22–23.

JANÍK, T., ROMPORTL, D. (2016): *Comparative landscape typology of the Bohemian and Bavarian Forest National Parks*. *European Journal of Environmental Sciences*, 6, 2, 114–118.

CONFERENCE PRESENTATIONS

Oral presentation, Annual Conference of Czech Geographical Society (2024), *Introducing the OPAT project: Evaluation of priorities and potentials for protected areas development*.

Oral presentation, Annual Conference IALE-CZ (2024), *The OPAT project and prioritization in nature and landscape protection*.

Poster, Zoological days (2024), *Modelování potenciálního výskytu živočišných druhů jako podklad pro prioritizaci územní ochrany přírody*

Poster, IBS conference (2024), „*Priorities in spatial nature protection: case of Czechia*“

Poster, GIS Esri Conference, Czechia (2023), *Atlas změn krajiny ve velkoplošných zvláště chráněných územích 1950–2020*

Oral presentation, Annual Conference IALE-CZ (2023), ***Prioritization in nature protection: a case of the Šumava NP***

Oral presentation, Public recreation and landscape protection with sense hand in hand? (2023), ***Recreation in Czech large protected areas: counted and sorted***

Oral presentation, Annual Conference IALE-CZ (2022), ***Changes of especially agricultural landscape within Czech protected areas.***

Oral presentation, Heritage of lost landscapes (2022), ***Presentation of the physical-geographical team***

Oral presentation, 18. historickogeografická konference „krajiny proti času“ (2022), příspěvek ***Jak se změnila naše chráněná území?***

Oral presentation, European Landscape Ecology Congress (2022), ***Landscape monitoring of large protected areas in Czechia.***

Oral presentation, Public recreation and landscape protection with sense hand in hand? (2021), ***Anthropogenic pressure: quantifying and clustering human structures in “sandstone” protected areas***

Oral presentation, 8th EUGEO Congress on the geography of Europe (2021), ***Landscape monitoring: changes of the protected areas in Czechia***

Poster, 8th EUGEO Congress on the geography of Europe (2021), ***Prioritization within protected areas: what deserves protection and what not?***

Poster, Conference on urbanization of landscape and how to manage it (2020), ***Urbanization of PLA and NP – a challenge for nature protection?***

Oral presentation, Annual Conference of Czech Geographical Society (2020), ***Zonation and prioritization as a tool for sustainable spatial development***

Oral presentation, Annual Conference IALE-CZ (2020), ***Landscape monitoring of our protected areas: a case of Ústí nad Labem region***

Oral presentation, Annual Conference IALE-CZ (2019), ***Recent land cover change after the Kyrill windstorm in the Šumava NP***

Posters, Conference of Ecology (2019), ***Identification of biodiversity hotspots for prioritization of conservation: case of Šumava NP and Changes of landscape in Czech protected areas – mixture of the opposites***

Poster, Conference GIS Esri in Czechia (2019), ***Changes of landscape in Czech protected areas – mixture of the opposites***

Posters, News from Šumava research VI (2018), *Recent land cover change after the Kyrill windstorm in the Šumava NP* and *Development and status of the moose population in the Bohemian forest ecosystem*

Oral presentation, 34th Physical-geographical conference of Czech Geographical Society (2017), *Recent Land Cover change in the Šumava National Park*

Oral presentation, 2nd Conference on Forest (2017), *Forest Change after the Kyrill windstorm in Šumava NP*

Oral presentation, Conference of Ecology (2017), *Changes and protection of the Šumava NP*

Poster, Czech National Parks (2016), *Současné změny krajinného pokryvu NP Šumava*

PROJECTS

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| 2023 – 2027 | Biological research and monitoring of Czechia – scientific support for the Ministry of the Environment, part D – Evaluation of potential development of protected areas and dynamics and connectivity of the landscape, leading researcher |
| 2024 – 2026 | Potential replacement vegetation as a tool for nature conservation, member |
| 2023 – 2026 | RekreENVI - complex assessment of impact of recreational use of the Krkonose National Park, member |
| 2021 – 2026 | Center for Landscape and Biodiversity (DivLand), member |
| 2018 – 2022 | Biological research and monitoring of Czechia – scientific support for the Ministry of the Environment, part D – Changes and trends of landscape member 2018 – 2020, leading researcher 2021 – 2022. |
| 2019 - 2022 | Heritage of lost landscapes: identification, reconstruction and presentation, member |
| 2018 – 2021 | GEO/BIODIVERSITY in the landscape scale - complex evaluation of species and habitat diversity in the context of the current state of nature protection, member |

PERSONAL SKILLS

- Languages – English B2+ (Faculty of Arts, Charles University exam, 2013), German B1 (Language course, Osnabrück, Germany, 2018); Russian B2 (Faculty of Arts, Charles University exam, 2014)

- Computer skills – ArcGIS, QGIS, SPSS, R, Microsoft Office (Word, Excel, Powerpoint), web and facebook pages editor
- Organizational skills - deputy head of department, leading researcher of the project, former head and now deputy head of scout group
- Teaching skills – lecturer of scout leaders, lecturer of Nature and Landscape Protection and Landscape Planning - Charles University; course of university teaching
- Driving skills - driving license (group B)

**HONORS, AWARDS,
MEMBERSHIPS**

- 2018 Winner of the Krajina award for outstanding publication in landscape ecology (IALE-CZ)
- Member and secretary of Czech chapter of International association for Landscape ecology (IALE-CZ)
- Member of Czech Geographical Society