

# Post-doc position under the National Science Centre grant “*Integrating effects of anthropogenic and natural stressors across the organism's life cycle*”

Grant OPUS 17 (grant no. 2019/33/B/NZ8/00521),

## In:

Institute of Nature Conservation, Polish Academy of Sciences, Kraków, Poland

**Project manager:** Dr. hab. inż. Szymon Śniegula,

[http://www.iop.krakow.pl/pracownicy,102,szymon\\_sniegula.html](http://www.iop.krakow.pl/pracownicy,102,szymon_sniegula.html)

## Research description:

Anthropogenic and natural stressors affect organisms in a variety of ways. In natural systems, two major stressors mediated by human activity, the introduction of invasive alien predators and global warming, can drastically affect native prey communities and whole ecosystems. The aim of the project is to understand how single and combined ecological stressors experienced by aquatic insects affect traits connected to fitness. In particular, we will test whether a predation risk, increased temperature and seasonal time constraints influence key life history traits in aquatic prey through changes in physiology and behaviour.



## Requirements:

- PhD in biology or ecology (PhD defence not earlier than 7 years before the year of employment in the project; this period does not include breaks related to maternity leave)
- Strong motivation for project work
- Experience in field and laboratory work on animals
- Background in laboratory analysis of biochemical parameters
- Publication record in leading ecological journals (at least five articles published within last five years)
- Very good knowledge in statistics in R environment
- Fluency in English, written and spoken
- Additional attribute: experience in and enthusiasm for working in international team; valid driving license.

## Responsibilities and job description:

- Preparing field equipment and laboratory installations for experiments
- Animal field sampling for experiments
- Rearing experiment in climate chambers
- Measurements of life history, behavioural (INC PAS in Krakow, Poland) and physiological traits (Univ. in Leuven, Belgium)
- Involvement in work during irregular working hours (as field work and lab experiment require)
- Attendance in national and international conferences/workshops
- Collaboration with other group members
- Running statistical analyses and writing manuscripts of scientific publications.

## Conditions of employment:

- Contract of employment: full time for **15 months**
- Starting date of employment: **May-June 2022**
- Salary: monthly gross salary ~ **8 000 PLN**, ensuring pretty good life standard in Poland (average wage in Poland: +/- 5 700 PLN gross).
- The recruitment procedure will be carried out in accordance with regulations of the National Science Center. The candidate must meet all the criteria contained in these regulations, [https://ncn.gov.pl/sites/default/files/pliki/zarzadzenia-dyrektora/zarzadzenieDyr-21\\_2019\\_regulamin\\_realizacji\\_projektow\\_stazy\\_stypendiow.pdf](https://ncn.gov.pl/sites/default/files/pliki/zarzadzenia-dyrektora/zarzadzenieDyr-21_2019_regulamin_realizacji_projektow_stazy_stypendiow.pdf).
- A consent for the processing of personal data is required, [https://files.iop.krakow.pl/Klauzula\\_RODO/Klauzula\\_RODO\\_IOPPAN\\_-\\_ENG.pdf](https://files.iop.krakow.pl/Klauzula_RODO/Klauzula_RODO_IOPPAN_-_ENG.pdf)

**Required documents** (combined in one PDF file):

- Cover letter
- Scientific curriculum vitae (including a list of publications)
- Scan of Doctorate diploma
- Contact details of two academics who can provide a reference.

**Forms for submitting applications:** via email with attached documents (file format: PDF), in the title of email, please enter "post-doc surname".

Applications should be sent via email to: Dr hab. inż. Szymon Śniegula, [sniegula@iop.krakow.pl](mailto:sniegula@iop.krakow.pl)

Selected candidates will be invited for an interview.

**Deadline for submitting applications: 1 May 2022**

Each candidate will be informed about the results of the call as soon as it is settled.