

Prospective supervisor's form

Name of the supervisor: Katarzyna Jankowska

Academic title: dr hab.

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Gdańsk University of Technology Faculty of Civil and Environmental Engineering

Department of Water and Wastewater Technology

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Discipline: environmental engineering, mining and pow none

Optional

Key words (obligatory four key words describing research interests / expertise):

Baltic Sea

Microbiology

polar regions

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Bibliometric indicators

1. Number of journal publications in WoS/ Scopus 20/27

2. Citations excluding self-citations WoS 307 Scopus 396

3. Hirsch index WoS 9 Scopus 10

1. The number of PhD students who have graduated under your supervision: 1

2. The number of PhD students currently supervised:

a. within the current doctoral school 0

b. within doctoral studies (previous system) 0

3. Are you currently accepting new PhD students:

a. Polish Yes/No Yes

b. Foreign Yes/No Yes

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Research interests or topics offered for PhD research (no more than 2000 characters)ⁱⁱ

Microbiology of the coastal areas of the Baltic Sea.
Removal of faecal contaminants as a result of natural dynamics in the coastal zone in the Gulf of Gdansk area.

Microbiology of polar regions.
Functioning of the microbiological loop in the polar regions in the face of ongoing climate changes.

Funding or special equipment needed to carry out a PhD projectⁱⁱⁱ:

1. Is funding available for experimental work: *Yes/No/not needed*

2. Is the equipment needed to complete a PhD project
available in your lab/department: *Yes/No/not needed*

Most important publicat no more than 5 published after 1.01.2018

No	Authors/title/journal	Number of points according to the current list of the Ministry of Science and Higher Education	Publication year
1.	Kosek, K., Koziol, K., Luczkiewicz, A., Jankowska, K., Chmiel, S., & Polkowska, Ż. Environmental characteristics of a tundra river system in Svalbard. Part 2: Chemical stress factors. <i>Science of The Total Environment</i> , 653(25 February 2019), 1585–1596. https://doi.org/10.1016/j.scitotenv.2018.11.012	200	2019
2.	Kosek, K., Luczkiewicz, A., Koziol, K., Jankowska, K., Ruman, M., & Polkowska, Ż. Environmental characteristics of a tundra river system in Svalbard. Part 1: Bacterial abundance, community structure and nutrient levels. <i>Science of The Total Environment</i> , 653, 1571–1584. https://doi.org/10.1016/j.scitotenv.2018.11.378	200	2019

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3.	Kosek, K., Kozak, K., Koziol, K., Jankowska, K., Chmiel, S., & Polkowska, Ż. The interaction between bacterial abundance and selected pollutants concentration levels in an arctic catchment (southwest Spitsbergen, Svalbard). <i>Science of the Total Environment</i> , 622–623, 913–923. https://doi.org/10.1016/j.scitotenv.2017.11.342	200	2018
4.	Beldowski, J., Szubska, M., Beldowska, M., Jankowska, K., Kotlarska, E., & Graca, B. Seasonal changes of mercury speciation in the coastal sediments. <i>Journal of Soils and Sediments</i> , 18(12), 3424–3436. https://doi.org/10.1007/s11368-018-1993-4	100	2018
5.			

Most recent externally funded projects you were involved in – no more than 3

No	Project title, the name of the Principal Investigator (PI) and the institution the project was carried out	Years	Role in the project ^{iv}
1.			PI
2.			PI
3.			PI

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Additional relevant information (no more than 1600 characters)^v



ⁱ You may select up to two disciplines out of 12 disciplines represented in the Doctoral School

ⁱⁱ Observe the limit of not more than 2000 characters

ⁱⁱⁱ Leave only one answer

^{iv} Select the role in the project: PI stands for principal investigator (refers to the holder of an independent grant and the lead researcher for the grant project), Co-I for co-investigator (Co-I assists the principal investigator in the management and leadership of the research project), R for researcher

^v Add any other relevant information e.g. awards for PhD students whom you supervised (no more than 1600 characters)