

# Prospective supervisor's form

Name of the supervisor: Eliza Kulbat

Academic title: Ph.D.D.Sc.

Orcid ID number: <https://orcid.org/0000-0003-1987-9898>

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):

# heavy metals

# sediments

# wastewater technology

# water technology

## Bibliometric indicators

1. Number of journal publications in WoS/ Scopus 12/12

2. Citations excluding self-citations WoS 69 Scopus 84

3. Hirsch index WoS 5 Scopus 5

1. The number of PhD students who have graduated under your supervision: 0

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)<sup>ii</sup>

Investigations of bottom sediments of rivers and reservoirs with a special focus on micropollutants.  
 Analysis of pollution chronology based on sediment composition in terms of climate changes.  
 Impact of heavy metals and organic micropollutants on treatment, utilization and disposal of wastewater sludge .

Funding or special equipment needed to carry out a PhD project <sup>iii</sup>:

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

No

2. Is the equipment needed to complete a PhD project

available in your lab/department: *Yes/No/not needed*

No

Most important publications – 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.	Heavy metals in landfill leachates and technological wastewater from municipal solid waste plants in the aspect of changes in their management. By: Kulbat E. book, Monografie KIS PAN, nr 138 ISBN 978-83-63714-37-6	80	2018
2.	Investigation of MIEX (R) resin sedimentation in the aspect of particle sizes remaining in the supernatant By: Rajca, M.; Bray, R.T.; Sokolowska, Al Kulbat, E. DESALINATION AND WATER TREATMENT Volume: 128 Pages: 430-436	100	2018

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3.	<p>Methods of Assessment of Metal Contamination in Bottom Sediments (Case Study: Straszyn Lake, Poland)                  By: Kulbat, Eliza; Sokolowska, Aleksandra                  ARCHIVES OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY Volume: 77 Issue: 4 Pages: 605-618</p>	70	2019
4.	<p>Speciation of heavy metals in bottom sediments of drinking water reservoir for Gdansk, Poland – changes over the 14 years                  By: Kulbat E., Sokolowska A.                  Desalination and Water Treatment, 179, 252-262</p>	100	2020
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 <sup>iv</sup>
1.	<p>Accumulation and speciation of heavy metals in bottom sediments of dam reservoirs in the aspect of water quality, N N305 143840, grant MNiSW</p>	2011-2015	PI
2.	<p>Innovative carbon source to support denitrification in municipal wastewater treatment plants No. UDA-POIG.01.03.01-22-140 / 09-00</p>	2010-2013	Co-I
3.			PI

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Additional relevant information – (no more than 1600 characters)<sup>v</sup>



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

<sup>ii</sup> Observe the limit of not more than 2000 characters

<sup>iii</sup> Leave only one answer

<sup>iv</sup> 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

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