

Name of the advisor: Katarzyna Zielonko-Jung**Academic title:** dr hab. inż. arch.Orcid ID number: <https://orcid.org/0000-0003-1323-0924>**Department of** Environmental Design**Faculty of** Architecture**Gdańsk University of Technology****Phone:** 502 043 376**E-mail:** katarzyna.zielonko-jung@pg.edu.pl**Personal web page:** -**Disciplineⁱ** architecture and urbanism**Bibliometric indicators**

1.	Number of journal publications in WoS/ Scopus	1/1
2.	Citations (WoS/Scopus) excluding self-citations	0/4
3.	Hirsch index (WoS/Scopus)	1/2
4.	Hirsch index in Google Scholar	4
5.	Citations in Google Scholar	6

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

2. The number of PhD students currently supervised: 1

3. Are you currently accepting new PhD students:

a. Polish Yes

b. Foreign No

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

My scientific interests focus primarily on the issues connected to ecological architecture, which may be defined as architecture that exerts the least harmful effect on the natural environment, at the same time attempting at the most complete fulfillment of the user needs. I am the author and the co-author of numerous publications, including the following monographs: Combining advanced and traditional technologies within ecological architecture (2012), Contemporary Ecological Architecture (2012), Shaping of ecological architecture in urban structure (2013). Moreover, I authored various chapters in monographs and articles published in scientific journals, all of which publications being in the field of ecological architectural solutions and the correlation between shape of building developments and microclimatic phenomena that occur within urban spaces, especially in terms of aerodynamic phenomena.

PhD Advisor form

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

1. Is funding available for experimental work: Yes
2. Is the equipment needed to complete a PhD project available in your lab/department: No

Most recent publications in WoS/SCOPUS journal – no more than 5 published after 1.01.2017

No	Authors/title/journal	Journal IF/Quartile – for WoS and SNIP/CiteScore for SCOPUS	Publication year
1.	Zielonko-Jung K., Poćwierz M., The Impact of Forms of Buildings on the Air Exchange in Their Environment, IGI global	0/4	2018
2.	Zielonko-Jung K., The Influence of the Urban Design on the Air Exchange in Cities, 5 th International Conference SGEM	0/0	2018
3.	Zielonko-Jung K., Energy-efficient Solutions for Dense Urban Development, 5 th International Conference SGEM	0/0	2018
4.	(Please fill in here)	(Please fill in here)	(fill in)
5.	(Please fill in here)	(Please fill in here)	(fill in)

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

No	Project title, the name of the Princ. Investigator (PI) and the institution the project was carried out	Year awarded	Role in the project
1.	„Zagadnienia pro-ekologiczne w kształtowaniu zabudowy i systemów zieleni na terenach miejskich”, Zielonko-Jung K., founded by Dean of Faculty of Architecture Warsaw University of Technology	2017	PI
2.	"Miejski Budynek Jutra 2030", Zielonko-Jung K., Żach J., founded by Ministry of Science and Higher Education, carried out by Mostostal Warszawa	2009	R
3.	"Łączenie zaawansowanych i tradycyjnych technologii jako nowy kierunek poszukiwań proekologicznych we współczesnej architekturze", Zielonko-Jung K., founded by Ministry of Science and Higher Education, carried out at Warsaw Technical University	2007	PI

PhD Advisor form

Additional relevant information – (no more than 1600 characters)^{iv}

The subject of the currently supervised PHD thesis is the role of greenery as the solar protection of buildings.

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 300 words

ⁱⁱⁱ Leave only one answer

^{iv} Add any other relevant information eg. awards for PHD students whom you supervised (no more than 200 words)