

Prospective supervisor's form

Name of the supervisor: Aleksandra Sas-Bojarska

Academic title: Professor

Orcid ID number: <https://orcid.org/0000-0001-6558-5888>

Gdańsk University of Technology Faculty of Architecture

Department of Urban and Regional Planning

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Discipline: architecture and urbanism [AiU] none

Optional

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

landscape protection

environmental impact assessment

revitalisation

urban planning

Bibliometric indicators

1. Number of journal publications in WoS/ Scopus 5

2. Citations excluding self-citations WoS 25 Scopus

3. Hirsch index WoS 0 Scopus 3

1. The number of PhD students who have graduated under your supervision: 2

2. The number of PhD students currently supervised:

a. within the current doctoral school 0

b. within doctoral studies (previous system) 1

3. Are you currently accepting new PhD students:

a. Polish Yes/No Yes

b. Foreign Yes/No No

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

Scientific research of prof. A. Sas-Bojarska, architect and urban planner, are focused on problems related to sustainable development, revitalization, Environmental Impact Assessment (EIA) methodology, landscape protection and shaping, challenges and trends of contemporary urban and spatial planning, city landscape threats and protection, eco-cities, the role of city-garden of tomorrow idea in creating the basis of contemporary urban planning, revitalization in the context of city structures connection. She defined the new concept of linear revitalization. She renewed and refined the research on EIA methodology concerning landscape, focusing especially on mitigation negative landscape effects in cities and in open areas caused by big-scale infrastructural and industrial activities.

She wrote 2 books: "Prediction of landscape changes in spatial development with the use of EIA on the example of road transport" (awarded by the Minister of Infrastructure and the National Foundation of Environmental Protection), and "Big-scale activities in the context of landscape threats and protection" (awarded by the Minister of Investments and Development, and the Jerzy Regulski Award, Office of the Board of the Foundation for the Development of Local Democracy) and about 70 scientific articles published in national and international journals.

She participated in many studies and projects related to urban/spatial planning and to EIA.

Topics offered for PhD research:

- improving the methodology of landscape protection in EIA, especially of big scale activities, like roads, bridges, industry, commercial centers,
- increasing the effectiveness of landscape protection in EIA by developing methodologies using digital technologies
- city landscape protection and shaping,
- sustainable development of towns,
- revitalization of cities, linear revitalization of cities,
- city parks in the context of environmental protection, health problems, climate changes and social integration.

Funding or special equipment needed to carry out a PhD project ⁱⁱⁱ:

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

not needed

2. Is the equipment needed to complete a PhD project

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

not needed

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.	EIA in teaching sustainable development and environmental protection in engineering education, World Transactions on Engineering and Technology Education, 2020 (przyjęty do druku)	70	2018
2.	Sas-Bojarska A., Rembeza M., International architectural – urban – landscape design workshops as a way to strengthen students education, mobility and capabilities. World Transactions on Engineering and Technology Education, 2020 (przyjęty do druku)	70	2018

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3.			
4.			
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.	Ochrona krajobrazu w ocenach oddziaływania na środowisko w świetle współczesnych uwarunkowań prawno-metodologicznych, Sas-Bojarska Aleksandra, WFOŚiGW w Gdańsku	2018	PI
2.			PI
3.			PI

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

A. Sas-Bojarska obtained Ph.D. Diploma in the scope of architecture and urban planning in 1993, awarded by the Departmental Council. She obtained DSc (Habilitation) in 2008 at Wroclaw University of Technology, Department of Architecture within the scope of Technical Sciences, Architecture and Urban Design, awarded by the Minister of Infrastructure and the National Foundation of Environmental Protection; she became professor in 2019. She wrote chapters in monographs: "Guidelines on conducting Environmental Impact Assessment (EIA) for transport systems: motorways and roads" [in:] Guidelines on conducting EIA, IUCN Poland; „Landscape and visual assessment in EIA" [in:] Guidelines on EIA; about 70 articles, including 40 articles on EIA in urban planning, linear revitalization, revitalization of historic fortification systems, landscape planning, road and bridges planning. She participated in many national and international conferences. She wrote many scientific reviews of books, habilitation works, articles, took part in many doctoral and habilitation procedures. She participated in many studies and projects related to urban and spatial planning, and to EIA (of big scale activities, like roads, bridges, industry, commercial centers, in urban and rural areas). Main scope of her activities relates to EIA procedures in implementation of sustainable development. She is the member of Society of Town Planners in Poland, an expert of Pomeranian Voivodship's Commission on EIA in Gdansk (voluntary work), under Regional Direction of Environmental Protection.

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)