

Candidate supervisor's information summary form
maximum 2 pages – it should be a summary of most important achievements

Name and surname, degree, title: dr hab. inż. arch. Kinga Rybak- Niedziółka, prof. SGGW	
Academic discipline/disciplines	Engineering and Technology / disciplines: 1. Civil Engineering, Geodesy and Transport 2. Architecture and Urban Planning
Professional development (degrees and titles) in chronological order	- 2001 – MSc Eng. Architect (Faculty of Architecture, Poznań University of Technology) - 2007 – PhD (Faculty of Gardening and Landscape Architecture, Warsaw University of Life Sciences) - 2020 – (Faculty of Architecture, Gdańsk University of Technology) - 2024 University Professor (Warsaw University of Life Sciences)
Most important publications/ patents in the last 3 years (maximum 10)	Grochulska-Salak, M.; Maciejewska, E.; Bujak, P.; Płoszaj-Mazurek, M.; Pękalska, M.; Amiri, O.; Rybak-Niedziółka, K.; Wężyk, T. Green Data Centres: Sustainable Solutions with Green Energy and Green–Blue Infrastructure. <i>Energies</i> 2025 , <i>18</i> , 6592. https://doi.org/10.3390/en18246592 Starzyk, A., Rybak-Niedziółka, K., Nowysz, A., Marchwiński, J., Kozarzewska, A., Koszewska, J., Piętocha, A., Vietrova, P., Łacek, P., Donderewicz, M., Langie, K., Walasek, K., Zawada, K., Voronkova, I., Francke, B., & Podlasek, A. (2024). New Zero-Carbon Wooden Building Concepts: A Review of Selected Criteria. <i>Energies</i> , <i>17</i> , Article 17. https://doi.org/10.3390/en17174502 Zawada K., Rybak – Niedziółka K., Donderewicz M., Starzyk A., Digitization of AEC Industries Based on BIM and 4.0 Technologies, 2024, <i>Buildings</i> , 1350, v. 14/5, DOI:10.3390/buildings14051350 Starzyk, A., Rybak-Niedziółka, K., Łacek, P., Mazur, Ł., Stefańska, A., Kurcusz, M., & Nowysz, A. (2023). Environmental and Architectural Solutions in the Problem of Waste Incineration Plants in Poland: A Comparative Analysis. <i>Sustainability</i> , <i>15</i> , Article 3. https://doi.org/10.3390/su15032599 Starzyk, A., Donderewicz, M., Rybak-Niedziółka, K., Marchwiński, J., Grochulska-Salak, M., Łacek, P., Mazur, Ł., Voronkova, I., & Vietrova, P. (2023). The Evolution of Multi-Family Housing Development Standards in the Climate Crisis: A Comparative Analysis of Selected Issues. <i>Buildings</i> , <i>13</i> , Article 8. https://doi.org/10.3390/buildings13081985 Rybak-Niedziółka, K., Starzyk, A., Łacek, P., Mazur, Ł., Myszka, I., Stefańska, A., Kurcusz, M., Nowysz, A., & Langie, K. (2023). Use of Waste Building Materials in Architecture and Urban

	<p>Planning—A Review of Selected Examples. Sustainability, 15, Article 6. https://doi.org/10.3390/su15065047</p> <p>Starzyk A., Rybak-Niedziółka K., Marchwiński J., Rykała E., Lucci E., Spatial Relations between the Theatre and Its Surroundings: An Assessment Protocol on the Example of Warsaw (Poland), Land, 2023, vol. 12, issue 6, 1225, DOI10.3390/land12061225</p> <p>Długozima A., Rybak-Niedziółka K., :The assessment of the attractiveness of memorials in historic urban landscape, Journal of Planning Literature, 2022, vol. 37, issue 4, 651,</p> <p>Langie, K.; Rybak-Niedziółka, K.; Hubačíková, V. Principles of Designing Water Elements in Urban Public Spaces. Sustainability 2022, 14, 6877. DOI 10.3390/su14116877</p> <p>Rybak-Niedziółka, K. The Origin of the Crisis in the Spatial Development of Contemporary Cities: A Review of Selected Historical and Modern Mechanisms. Sustainability 2022, 14, 10482. DOI 10.3390/su141710482</p>
<p>Experience in work with doctoral students (defended doctoral dissertations, initiated doctoral procedures) in chronological order</p>	<p>Supervisor of PhD dissertations:</p> <ol style="list-style-type: none"> 1. MSc Eng. Arch. Karol Langie (SGGW) – since 10.2021 2. MSc Eng. Arch. Mikołaj Donderewicz (SGGW) – since 10.2023 3. MSc Eng. Karol Zawada (SGGW) – since 10.2024 <p>Co-supervisor of PhD dissertations:</p> <p>Dr Eng. Arch. Ewa Rykała , Phd</p>
<p>Achievements in the area of projects/grants (in the last 5 years)</p>	<p>"-</p>
<p>Subject area of the research project for which the candidate student is being recruited</p>	<p>City landscape design, architecture and urban planning: integrated architectural and landscape design of buildings in public space. Design of urban structures. Universal design taking into account the needs of various disabilities and limitations related to movement. Proxemics and ergonomics in contemporary design. Diversification of architectural and urban design principles in cultural and social aspects depending on the location in the world.</p>
<p><u>Contact details:</u> Institute E-mail address Telephone number</p>	<p>Institute of Civil Engineering, Department of Architecture Email: kinga_rybak@sggw.edu.pl Phone: +48 606990549</p>