

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. Agnieszka Starzyk, 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	- 1994 – MSc Eng. Architect (Faculty of Architecture, Warsaw University of Technology) - 2006 – PhD in Technical Sciences (Faculty of Architecture, Warsaw University of Technology) - 2020 – Habilitated Doctor in the field of Engineering and Technical Sciences, discipline: Architecture and Urban Planning (Faculty of Architecture, Gdańsk University of Technology)
Most important publications/ patents in the last 3 years (maximum 10)	1. Golański, M., Juchimiuk, J., Ogrodnik, P., Szulej, J., & Starzyk, A. (2026). Parametric Material Optimization and Structural Performance of Engineered Timber Thin-Shell Structures: Comparative Analysis of Gridshell, Segmented, and Hybrid Systems. <i>Materials</i> , 19, Article 2. https://doi.org/10.3390/ma19020341 2. Golański, M., Juchimiuk, J., Podlasek, A., & Starzyk, A. (2025). Design for Manufacturing and Assembly (DfMA) in Timber Construction: Advancing Energy Efficiency and Climate Neutrality in the Built Environment. <i>Energies</i> , 18, Article 23. https://doi.org/10.3390/en18236332 3. Starzyk, A., Marchwiński, J., & Milošević, V. (2025). Circular Wood Construction in a Sustainable Built Environment: A Thematic Review of Gaps and Emerging Topics. <i>Sustainability</i> , 17, Article 16. https://doi.org/10.3390/su17167333 4. Bujak, P., Grochulska-Salak, M., Maciejewska, E., Rybak-Niedziółka, K., Hubačíková, V., Francke, B., & Starzyk, A. (2025). Sustainable Water Retention Strategy for Urban Resilience: A Valorization and Action Model for Cities. <i>Water</i> , 17, Article 18. https://doi.org/10.3390/w17182663 5. Starzyk, A., Cortiços, N. D., Duarte, C. C., & Łacek, P. (2025). Timber Architecture for Sustainable Futures: A Critical Review of Design and Research Challenges in the Era of Environmental and Social Transition. <i>Buildings</i> , 15, Article 15. https://doi.org/10.3390/buildings15152774 6. Starzyk, A. (2025). Contemporary wooden facades in Poland: an architectural analysis of materials and pro-environmental technologies. <i>Inżynieria i Budownictwo</i> , LXXXI, Article 5. https://doi.org/10.5604/01.3001.0055.2520 7. Starzyk, A., Walasek, K., & Łacek, P. (2025). Contemporary Wooden Architecture in Poland Since 2000: Aesthetics, Function,

	<p>and Social Reception. <i>Annals of Warsaw University of Life Sciences - SGGW Forestry and Wood Technology</i>, 131, 54–64. https://doi.org/10.5604/01.3001.0055.5400</p> <p>8. Starzyk, A., Marchwiński, J., & Milošević, V. (2025). Wood as an architectural medium: aesthetics, function and social perception from a historical and contemporary perspective. <i>Acta Scientiarum Polonorum. Architectura</i>, Article 24. https://doi.org/10.22630/ASPA.2025.24.26</p> <p>9. Starzyk, A., & Łacek, P. (2025). Wood as an Architectural and Construction Material in the Circular Economy. W E. Koda, M. Vaverková, K. R. Reddy, & A. K. Agnihotri (Redaktorzy), <i>Solid Waste and Recycling</i>. Proceedings of EGRWSE 2024, Volume 2. https://doi.org/10.1007/978-981-96-1945-0_29</p> <p>10. 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>, 17, Article 17. https://doi.org/10.3390/en17174502</p>
Experience in work with doctoral students (defended doctoral dissertations, initiated doctoral procedures) in chronological order	<p>Supervisor of PhD dissertations:</p> <ol style="list-style-type: none"> 1. MSc Eng. Arch. Przemysław Łacek (SGGW) – since 10.2022 2. MSc Eng. Arch. Małgorzata Kurcjuś-Gzowska (SGGW) – since 10.2022 3. MSc Eng. Arch. Katarzyna Walasek (SGGW) – since 10.2024 <p>Co-supervisor of PhD dissertations:</p> <ol style="list-style-type: none"> 1. MSc Eng. Kinga Mazurek (SGGW) – since 10.2025 2. Dr Eng. Arch. Ewa Jarecka-Bidzińska, dissertation title: "Praga Północ in Warsaw as an 'Art District' in the Context of Selected Examples from European and North American Metropolises" (Faculty of Architecture, Warsaw University of Technology) – Main Award of the President of Warsaw in 2019 in the category of doctoral dissertations 3. MSc Eng. Arch. Magdalena Humeniuk – expected defense in 2026 (Faculty of Architecture, Warsaw University of Technology)
Achievements in the area of projects/grants (in the last 5 years)	"Urban Feeding Zone – Future Professions at the Intersection of City and Countryside" Agreement No. MNiSW/2024/DAP/244 of 13.10.2024, Ministry of Science and Higher Education – researcher.
Subject area of the research project for which the candidate student is being recruited	Contemporary problems in architecture and urban planning. Environmental solutions/technologies in architecture and urban planning. Wooden architecture. Circular architecture.
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