

[From the Editor-in-Chief](#)

[page 9](#)

## **Part. I Analyses and Studies**

[Hanka Zaniewska, Spatial, functional and social conditions vital for founding new cities in the Mazovian Province at the turn of the XX and XXI century](#)

[page 13](#)

[Małgorzata Ewa Sikorska, Izabela Sobierajska, Problems of urban regeneration of city square in Węgrów](#)

[page 31](#)

[Izabela Sobierajska, Małgorzata Ewa Sikorska, Troubleshooting city square in Karczew in the light of contemporary needs of local community](#)

[page 49](#)

[Zygmunt Szparkowski, Chaos and order of architecture](#)

[page 71](#)

[Bogusz Modrzewski, Architectural language and adaptability](#)

[page 97](#)

[Rafał Mazur, The architectonic fashion](#)

[page 109](#)

[Wiesław Rokicki, Anna Nowak, Bionic aspects in search of functional systems of structural surfaces](#)

[page 117](#)

[Joanna Gil-Mastalerczyk, Pluralism form and spatial solutions in contemporary churches](#)

[page 125](#)

[Tomasz Grzelakowski, Implementation of the principles of sustainable development in the realization of office buildings in Germany](#)

[page 137](#)

[Wiesław Rokicki, Ewelina Gawell, Voronoi diagrams - architectural and structural rod structure research model optimization](#)

[page 155](#)

[Marcin Bugaj, Roman Domański, Intelligent building - hybrid energy system](#)

[page 165](#)

[Mariusz Owczarek, Weronika Radzikowska-Juś, Costs analysis of investment and operation of hybrid energy sources for traditional building technology depending on the scale](#)

[page 183](#)

[Witold Andrzej Werner, Value of the sun in architectural design](#)

[page 203](#)

[Jarosław Wasilczuk, Marian Sobiech, The investment and operational cost of using heat pumps in the construction industry](#)

[page 209](#)

[Zdzisław Trzaska, Maria Trzaska, Nanocomposites with graphene: preparation, properties and role in construction engineering](#)

[page 223](#)

## **Part II. Self government**

[Paulina Sikorska, Urban renewal in the Mazovia region](#)

[page 249](#)

## **Part III. Miscellaneous**

[Elżbieta Muszyńska, Regeneration of post-military and post-railway lands - selected examples](#)

[page 261](#)

[Memories of prof. on arch. Hanka Zaniewska](#)

[page 281](#)

Information for the authors

page 283

Information for the authors

page 285