

### Monographs / books / implemented in 2018-2023 (by years)

- 1) **Giorgi Tsulukidze; Furniture design**, 2018; Tbilisi, GTU; ISBN 978-9941-28-120-4

**Annotation:** The book is devoted to the basic principles of furniture design, history, stages of development and styles of furniture design.

The course material is designed to teach students individual and complex furniture design for interiors with different functions.

"Furniture Design" is designed for students of the Faculty of Architecture, Urban Planning and Design of Georgian Technical University, who are taking a training course in furniture design in the process of study.

- 2) **L. Beridze; L. Khulordava (Master's student); G. Abulashvili, M. Gambarashvili (Gagadze); Monograph "Principles of energy efficiency in traditional Georgian architecture"**; Tbilisi; ISBN 978-9941-10-250-1.

**Annotation:** As can be seen from the title of the book, its content aims to return to the traditional Georgian architecture, to find and research the solutions and principles obtained as a result of centuries-old experience of the people, which have become so relevant today. The idea of the book is to evaluate, based on the research, how much energy-efficient principles were considered in traditional Georgian architecture - during the construction of peasant houses, how much they understood the necessity of this and what methods and construction means they use to achieve this. Technical, scientific and historical literature, expedition materials and anasomes of various researchers have been studied and analyzed. The materials obtained by the group working on the book, as a result of going to the places, sketches, anasomes and photographs were also used.

Based on this material, the condition of Georgian peasant houses was evaluated in terms of using energy-efficient principles. The book provides a complex analysis of peasant houses of different regions of the country, representatives of all typological groups, with an assessment of their energy efficiency. The book is illustrated with drawings, tables, graphs, measurements, photographs corresponding to the text. Climatic passports of the regions have been compiled and placed in the book. According to the authors, the book will be interesting for both professionals and ordinary readers.

- 3) **Tamar Khoshtaria, Nino Chachava**

**"Principles of spatial-territorial planning of tourism-recreational cluster on the example of Samtskhe-Javakheti"** 2018, Publishing House "Technical University"; International standard code ISBN.978-9941-28-385-7796.

**Annotation:** Spatial-Territorial Planning Principles of Tourism and Recreation Cluster (Samtskhe-Javakheti Example) This monograph presents, on the example of Samtskhe-Javakheti, one of the distinguished regions of Southern Georgia, the principles of spatial-territorial planning of spa, tourism and recreation cluster. Contemporary tools of spatial-territorial planning are used. The information about spatial-territorial documentation implemented until 2018 for Samtskhe-javakheti is collected; elements and development directions of tourism and recreation cluster are discussed; in particular, strategic importance of the revitalization of spa and health-care tourism is highlighted. Between presented issues road and transportation network of the

region, cultural heritage and branding/rebranding of the resort settlements has been studied; in addition, ecological problems and natural hazards, as negative factors for tourism development are considered. Annexes contain legislative-methodological issues and maps explaining the resource potential of the region: transportation availability, lists of the resorts, resort places, healing mineral water springs, cultural heritage monuments; comparative analyze results in GIS. Issues, presented in the monograph, will be informative and useful for readers, interested in the specifics of South Georgian regions and in general, in tourism and spatial-territorial planning of the resort settlements.

4) **Tamar Khoshtaria; Nino Chachava; Aleksandra Czyzewska**

“Tourism and Recreation on Cluster Planning” LAP Lambert Academic Publishing ( 2018-11-30 )  
DNB: [1172584931](https://nbn-resolving.org/urn:nbn:de:101:1-2018120104444982010930); URN: [urn:nbn:de:101:1-2018120104444982010930](https://nbn-resolving.org/urn:nbn:de:101:1-2018120104444982010930); ISBN: 978-613-9-96795-7

**Annotation:** Monograph presents Tourism and Recreation Cluster development and planning issues for the case of South Georgian region, Samtskhe-Javakheti, from ecological point of view. The main objective of the work is to define urban and spatial planning tools and solutions which will contribute to the sustainable development of tourism and recreation cluster of Samtskhe-Javakheti region. This southern border region of Georgia is distinguished with a numerous resort settlements, protected areas, mineral water sources and famous cultural heritage monuments. Three main resort settlements – Borjomi, Akhaltsikhe and Abastumani are defined as planning triangle and most important resorts of the tourism and recreation cluster. In the work are indicated peculiar features of these resorts, the role of the green areas, road and transportation network and development prospects for underused territories for case of Gujareti valley. Importance of environmental protection and ecological balance for existing and prospective resorts is highlighted. As one of the best international practices is considered example of urban planning - pro-ecological activities for the resort city of Sopot (Poland).

5) **Vladimer Vardosanidze, Tengiz Makharashvili, Zurab Laoshvili, Nino Chachava, Nino Pailodze: “The problems of Urban Environment Sustainable Development in Georgia”**

ISBN 978-9941-20-954-3

**Annotation:** In the context of modern intensive urbanization, the study of the development and management of urban processes is becoming increasingly important for the economic and political life of countries. The new educational Doctoral Program - “Sustainable Urbanism” was developed within the RETHINKe Tempus project by the Faculty of Architecture, Urban Planning and Design. The program relies on a special course of urban ecology, urban housing studies, etc. The importance of geographical information systems in urban science is presented in the program as well. The textbook is a set of articles and documents that reflect the current problems of urban development in the world and in Georgia in a whole, including methodological and conceptual approaches.

6) **M. Davitaia, “The History of World Architecture – Ancient World. Early Christian and Byzantium Period”**  
(book two), Inventive. House "Technical University", Publishing House "iverioni", 2018. ISBN 978-9941-28-019-1, 312 p.

**Annotation** The book is the part of the constitutes which should cover the history of world architecture. This book started with architecture of ancient Greece. Considered the architecture of Eugeian islands, archaic, classical and Hellenic periods. It’s obvious that old Greek architecture could not be considered without the sculpture, painting and decoration arts.

The second part of book is dedicated to ancient Rome. After the short presentation of Etrusc’s culture it is scheduled architecture of republic and empire periods of Rome, considered the main architectural and urbanist monuments. Along with architecture given the most important examples of horelieps, paintings, ceramics, frizzes and ets.

The third part is dedicated to early Christian period and considered the catacombs, basilicas and centered buildings which defined the types of Christian temples.

The fourth part is admitted to Byzantium architecture, namely the early, middle and late periods and altimetry considered the architectural monuments of those periods, which creates some perfect examples of syntheses of different arts.

7) **N. Shavishvili, M.Davitaia,"Codes and signs in architecture"**, publishing house" Technical University", Publishing House"iverioni", 2018 წ. ISBN 978-9941-28-602-5, 160 p.

Summary. The manual is devoted to codes and signs in architecture, although it does not discuss them from the earliest period, but focuses on operating systems, presenting their historical antecedents and giving way to descriptions of their importance. The topic of codes and signs is well covered in the world literature, the abundant material available to the authors led to the writing of this textbook for the Georgian public, which is the first modest attempt to cover this issue in the Georgian literature as a separate book.

The textbook is intended for students of Master's and related specialties of the Faculty of architecture, urbanism and design of GTU, acting architects, art critics, those interested in the theory of modern architecture and a wide circle of readers

**2020**

8) **Lia Lursmanashvili N.Dolidze; G.Kvantidze**  
**Illustrated Reference Book of Georgian National Clothing**

This Reference Book was supported by Shota Rustaveli National Foundation Georgia (SRNSFG) [GRANT NSP - 19-514]; Akaki Tsereteli State University Press ISBN 978-9941-484-11-7; 2020; 406pg.

**Annotation:** Above mentioned systematic work is viewed as the author's modest contribution to the studies on Georgian Traditional clothing and passing it down from generation to generation. The written sources, iconographic materials, traditional clothing (folk costume) preserved in the museum collection, research studies, illustrate how national clothing developed from ancient times to the first half of the 20th century, presents diversity of garments spread in certain parts of Georgia, their shapes and their comparative analysis, describes materials used for making clothes ancient technologies and decorations. It is noteworthy, that this is the first work carried out by the team of researchers that encompasses constructions of national clothing schemes of technological processing that seem to be of great significant to be retained in its original form for the future generations. The work also encloses the illustrated glossary of Georgian traditional clothing turms.

**2022**

9) **N. Shavishvili, T. Chubinidze**

**"A different look of current Georgian architecture, a changed decor in international and Georgian architecture"**

2022 Tbilisi, Technical University of Georgia, CD

International Standard Code ISBN.SBN 978-9941-28-928-6

**Annotation:** Décor returned to modern architecture, but a transformed one. The material expression of décor – ornament has migrated from its traditional meaning to the form and structural frame of the building, and has grown in scale to occupy its entire mass. The building took over the role of ornament as a means of communication.

The rejection of ornament, and then its return to architecture, was preceded by the debate on whether architecture can convey the meaning. It was modernism that rejected décor but as it has become evident that even a refusal by modernist abstraction to convey any meaning did not relieve it from the burden of *asignifier*, the décor has come back.

Today, ornaments have grown in size and, with minor exemptions, the content of their narratives have diminished. They no longer carry socially important meaning. However, in Georgia this process went differently: in the beginning of the current century, a politically charged décor was still applied directly onto the buildings. The new urban squares discussed in this thesis, the corner-tower type of houses and fake reconstructions indicate that the applied décor was given a semiotic meaning to be a symbol of a reformed Georgia and to attract tourists to a falsified cultural heritage. In addition, in Georgia there has also been a postmodern recognition of a *signifier* role of architecture, hence the décor-cum-building was widely accepted as a universal conveyor of the meaning.