

Kateryna Polyvach ^{1, 2} Viktor Chabaniuk ²

E-ATLAS "UKRAINE. CULTURAL LANDSCAPE HERITAGE": EXPERIENCE OF CREATION

1 Institute of Geography of the Slovak Academy of Sciences

2 Institute of Geography of the National Academy of Sciences of Ukraine

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Ukraine possesses a vast cultural and natural heritage, but lags significantly behind in the application of the cultural landscape approach, which is recognised as one of the fundamental and effective tools for heritage conservation

FORMULATION OF THE PROBLEM

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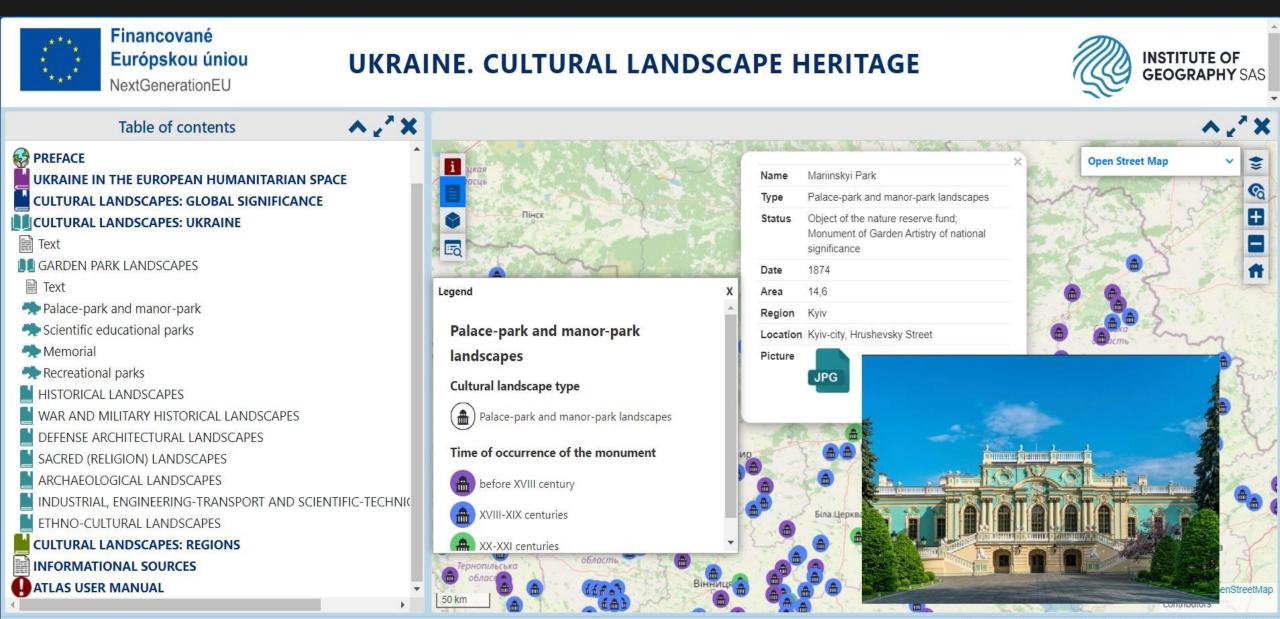
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Ukraine possesses a vast cultural and natural heritage, but lags significantly behind in the application of the cultural landscape approach, which is recognised as one of the fundamental and effective tools for heritage conservation

The condition of cultural landscapes is a long-standing concern, which has been significantly exacerbated by full-scale armed russian aggression against Ukraine Addressing this situation must be an essential part of Ukraine's post-war reconstruction strategy, and must be ensured through the further implementation of state cultural, environmental and urban planning policies in strategic and spatial planning at various levels.

An important consequence of such a decision could be the acceleration of Ukraine's implementation of international legal obligations and tasks (including the European Landscape Convention) in connection with the official acquisition of candidate status for EU membership.

AN ELECTRONIC ATLAS "UKRAINE. CULTURAL LANDSCAPE HERITAGE"



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ELECTRONIC MAPPING OF CULTURAL LANDSCAPE HERITAGE OF UKRAINE

THE MAIN TASKS ARE:

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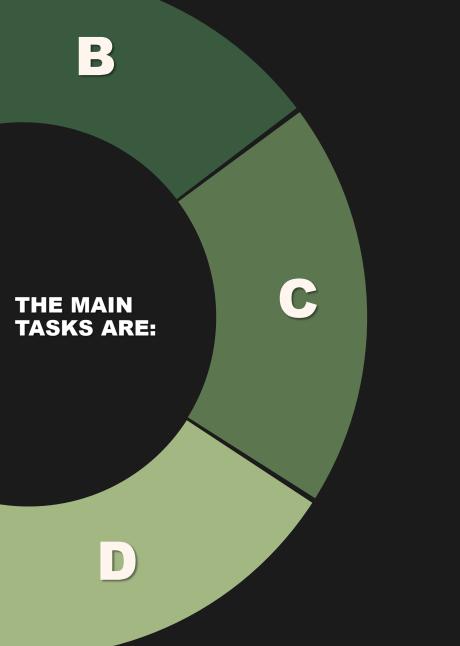
Inventory and analysis of international legislation and experience in the field of cultural landscapes' approach implementation

ELECTRONIC MAPPING OF CULTURAL LANDSCAPE HERITAGE OF UKRAINE

THE MAIN

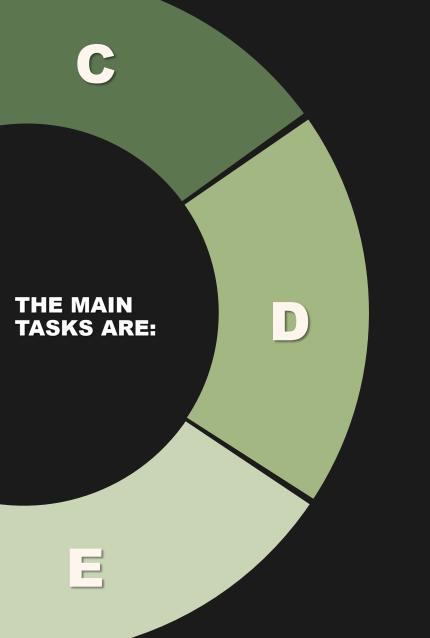
TASKS ARE:

Development of the methodology of cultural landscapes' heritage analysis and assessment (cultural landscapes heritage of Ukraine as a subject area of research, conceptualization and identification of its structural components, systematization, typology)



Development of the GIS data base of cultural landscapes of Ukraine

ELECTRONIC MAPPING OF CULTURAL LANDSCAPE HERITAGE OF UKRAINE



Creation of an e-Atlas "Ukraine. Cultural landscape heritage"

ELECTRONIC MAPPING OF CULTURAL LANDSCAPE HERITAGE OF UKRAINE

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THE MAIN

TASKS ARE:

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Recommendations and proposals for strengthening the role and importance of cultural landscapes approach in the field of protection of natural and cultural heritage of Ukraine

THE DEFINITIONS OF "CULTURAL LANDSCAPE" AND "CULTURAL LANDSCAPE HERITAGE"

Thus, in this study, for the purposes of mapping, *a cultural landscape* is understood as a holistic image of a cultural and natural territorial formation that is a joint product of the historical and modern interaction of a given society and the environment of outstanding cultural significance, which is valued and protected for its cultural (material and spiritual) and natural qualities. The cultural value of a protected landscape is primarily determined by the value of tangible and intangible cultural heritage objects as an integral part and the main factor in shaping the image of its territory.

The set of cultural landscapes covered by the existing territorial, organizational and legal forms and mechanisms for the protection of cultural and natural heritage at the international, national and local levels constitutes *the cultural landscape heritage* of Ukraine.

AN ELECTRONIC ATLAS "UKRAINE. CULTURAL LANDSCAPE HERITAGE"

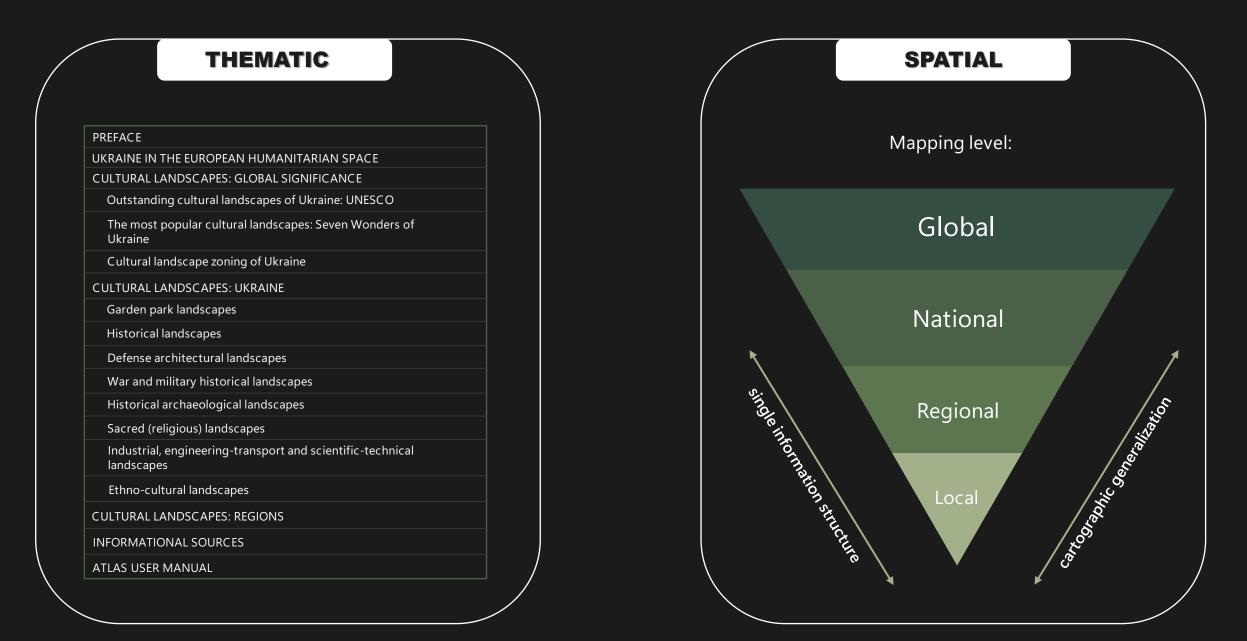
The purpose of the Atlas is to form, structure and visualize up-to-date spatial information and knowledge about the most significant part of the cultural landscape potential of Ukraine and its regions, which is protected as objects and territories of cultural and natural heritage

> The creation an e-atlas "Ukraine. Cultural Landscape Heritage" as one of the initial stages towards accelerating the pace of practical implementation and popularization of cultural landscapes approach in Ukraine

GIS database was created. The Atlas presents \approx 2000 of the most significant cultural landscapes All types of information resources were used to create the Atlas: maps, texts, photos etc. The interactive atlas contains 39 electronic maps.

This is an opportunity to present an information about the country's protected landscapes, to present this national cultural wealth, to present a holistic picture of the cultural landscape potential of regions. It's a tool for obtaining its comprehensive analysis and assessment for further use in planning

INFORMATION STRUCTURING



The thematic block "UKRAINE IN THE EUROPEAN HUMANITARIAN SPACE" reflects the position of the Ukrainian nation among other European nations in terms of its basic characteristics (national, linguistic, religious composition), the accumulation of objects of cultural, historical and natural value, and the development of cultural ties.

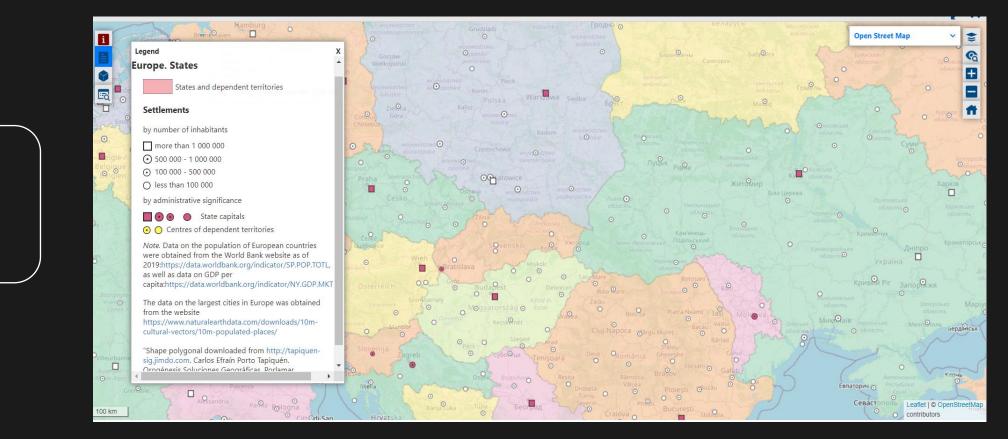
UKRAINE IN THE EUROPEAN HUMANITARIAN SPACE

Text

Europe. Physical surface

Europe. Political map

Europe. UNESCO World Heritage Sites



Examples of maps:

Europe. States

The thematic block "CULTURAL LANDSCAPES: GLOBAL SIGNIFICANCE" presents significant cultural landscapes of Ukraine, primarily those included in the UNESCO World Heritage List and candidates for inclusion. In addition, a map of the most significant cultural landscapes based on the results of the All-Ukrainian public campaigns. The section concludes with the map of culture landscape zoning.

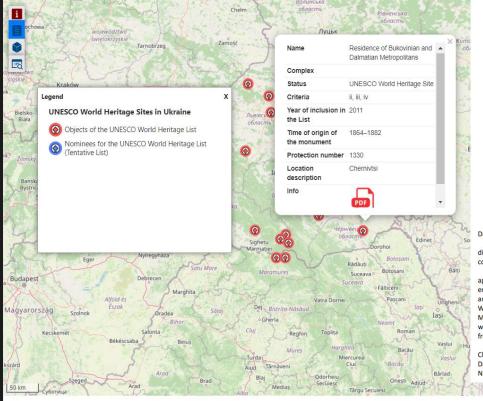
CULTURAL LANDSCAPES: GLOBAL SIGNIFICANCE

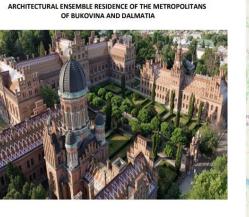
Text

- Outstanding cultural landscapes of Ukraine: UNESCO
- The most popular cultural landscapes of Ukraine: Seven Wonders
- Cultural landscape zoning of Ukraine

Examples of maps:

Outstanding cultural landscapes of Ukraine: UNESCO





The architectural ensemble Residence of the Metropolitans of Bukovyna and Dalmatia is a spiritual symbol of tolerance in the Bukovyna region.

Chernivtsi is one of the most picturesque cities in Ukraine. Its layout, with significant differences in the terrain, creates a variety of landscapes that reveal themselves in their continuous variability and uniqueness.

The development of the construction industry and the training of specialists of the appropriate level, who succeeded each other, led to the creation of a single, coherent ensemble of the city. A whole galaxy of local, Ukrainian, Austrian, and Czech architects and builders found fertile ground in the rapidly developing city to implement the Western construction experience. At the same time, Josef Hlavka, Josef Gregor, Erwin Müller, Hubert Gessner, Gustav Fritsch, Josef Lehner, Adam Appenzeller and many other world-famous and little-known architects and sculptors found their own expression, far from the canons of the architectural classics.

The largest manifestation of post-Romanesque trends in the architecture of Chernivtsi is the ensemble of the Residence of the Metropolitans of Bukovyna and Dalmatia, built over 18 years (1864-1882). It now houses the Yuriy Fedkovych Chernivtsi National University.



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CULTURAL LANDSCAPE ZONING OF UKRAINE



14 cultural landscape lands (kraj) 52 cultural landscape macrodistricts

26 cultural landscape regions have been identified as a separate taxon, outside of the hierarchy, according to the administrative-territorial division of the country



VII. POLTAVSKY KRAJ

- 27. North Poltava macroregion
- 28. East Poltava macroregion
- 29. Poltava-Dnipro macroregion

VIII. SLOBOZHANSKY KRAJ

- 30. Sumy macroregion
- 31. Kharkiv Forest-Steppe macroregion
- Kharkiv Steppe macroregion

IX. DONETSKY KRAJ

- 34. South Luhansk macroregion
- 35. Donetsk-Steppe macroregion

X. PRYDNIPROVSKY KRAJ

- 36. Oril' macroregion
- 37. Samara' macroregion

38. Nadporizhsky macroregion

- XI. POBUZKY KRAJ
- 39. Buh-Ingul macroregion
- 40. Nyzhnobuzkyi macroregion

XII. NIZHNYODNIPROVSKY KRAJ

- 41. Kryvyi Rih-Ingulets' macroregion
- 42. Kherson macroregion
- 43. Zaporizhzhya macroregion

XIII. PRIAZOVSKY KRAJ

- 44. Donetsk-Priazovsky macroregion
- Zaporizhzhya-Priazovsky macroregion Azov-Prysyvasky macroregion
- 47. Crimean-Syvash macroregion

XIV. BLACK SEA KRAJ

- Danube macroregion
- Odesa macroregion
- Kherson macroregion
- Crimean-Steppe macroregion Mountain Crimean macroregion

BOUNDARIES

- Cultural landscape kraj
- Cultural landscape macroregions
- Kcultural landscape macro (meso) districts

The thematic block "CULTURAL LANDSCAPES: UKRAINE" section presents the most significant cultural landscapes of the country for the purpose of popularization, which will require the disclosure of many topics and will cover a significant number of maps accompanied by explanatory texts, attributive and reference information, illustrations, etc.



CULTURAL LANDSCAPES: UKRAINE

Text

GARDEN PARK LANDSCAPES

HISTORICAL LANDSCAPES

WAR AND MILITARY HISTORICAL LANDSCAPES

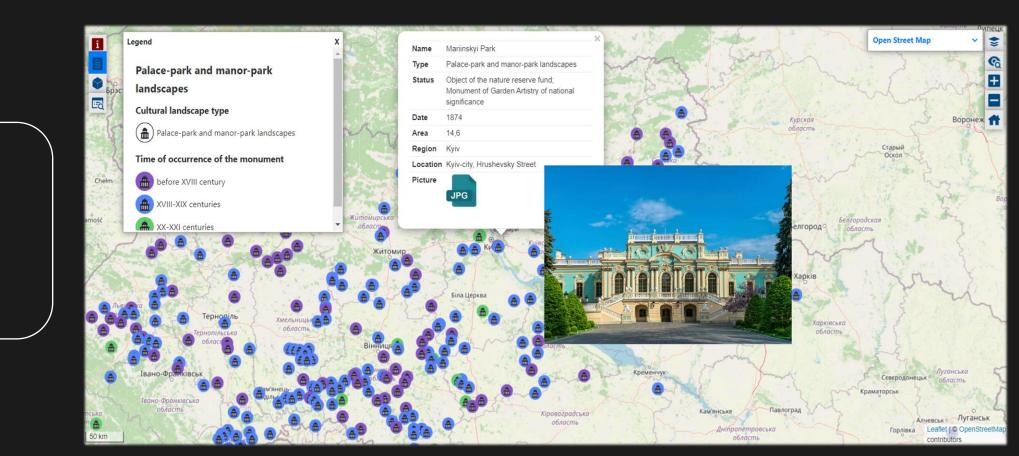
DEFENSE ARCHITECTURAL LANDSCAPES

SACRED (RELIGION) LANDSCAPES

ARCHAEOLOGICAL LANDSCAPES

INDUSTRIAL, ENGINEERING-TRANSPORT AND SCIENTIFIC-TECHNICAL LANDSCAPES

ETHNO-CULTURAL LANDSCAPES



Examples of maps:

Palace-park and manor-park landscapes The typological classification of cultural landscapes presented in the Atlas of CLH consists of 30 types, united into 8 groups by subject areas:

Gardens and parks

- palace-parks and manor-parks
- scientific and educational parks
- memorials
- recreational parks



Defensive architectural

- fortresses
- castles
- defensive churches and monasteries

Sacred (religious)

- cathedrals and temples
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- monasteries
- landscapes of sacred natural and sacred places

The typological classification of cultural landscapes presented in the Atlas of CLH consists of 30 types, united into 8 groups by subject areas:

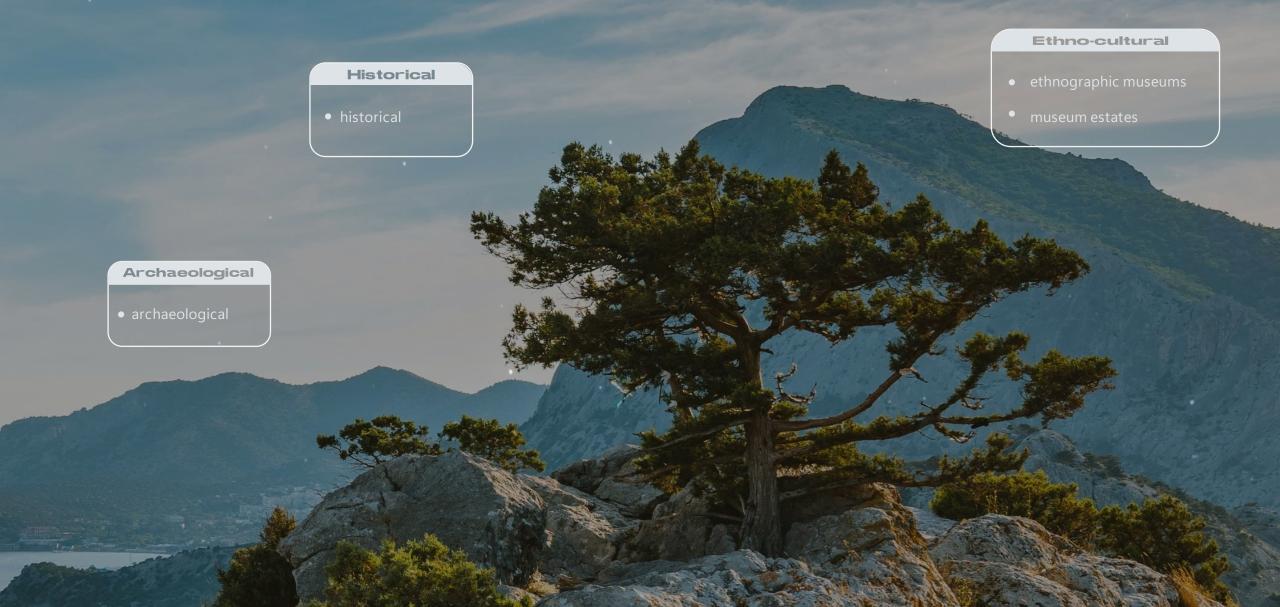
Industrial, engineering-transport and scientific-technical

- industrial
- agrarian-industrial
- engineering-transport
- scientific-technical

War and military historical

- war historical
- , military historica

The typological classification of cultural landscapes presented in the Atlas of CLH consists of 30 types, united into 8 groups by subject areas:



The maps of the section "CULTURAL LANDSCAPES: REGIONS" are intended to show the peculiarities of the distribution of cultural landscapes at the regional level. It characterizes 14 cultural landscape lands (kraj) and 52 cultural landscape macrodistricts

CULTURAL LANDSCAPES: REGIONS

CHERNIHIV-SIVERS'KY KRAJ

Text

POLISS'KY KRAJ

VOLYN'SKY KRAJ

CARPATHIAN KRAJ

PODILL'SKY KRAJ

POLTAVSKY KRAJ

DONETSKY KRAJ

POBUZSKY KRAJ

AZOVSKY KRAJ

BLACK SEA KRAJ

SLOBOZHANSKY KRAJ

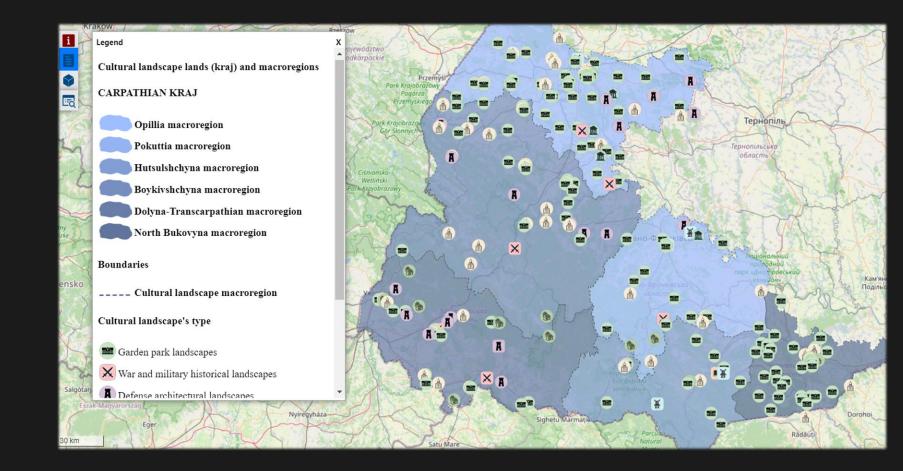
PRYDNIPROVSKY KRAJ

NYZHNODNIPROVSKY KRAJ

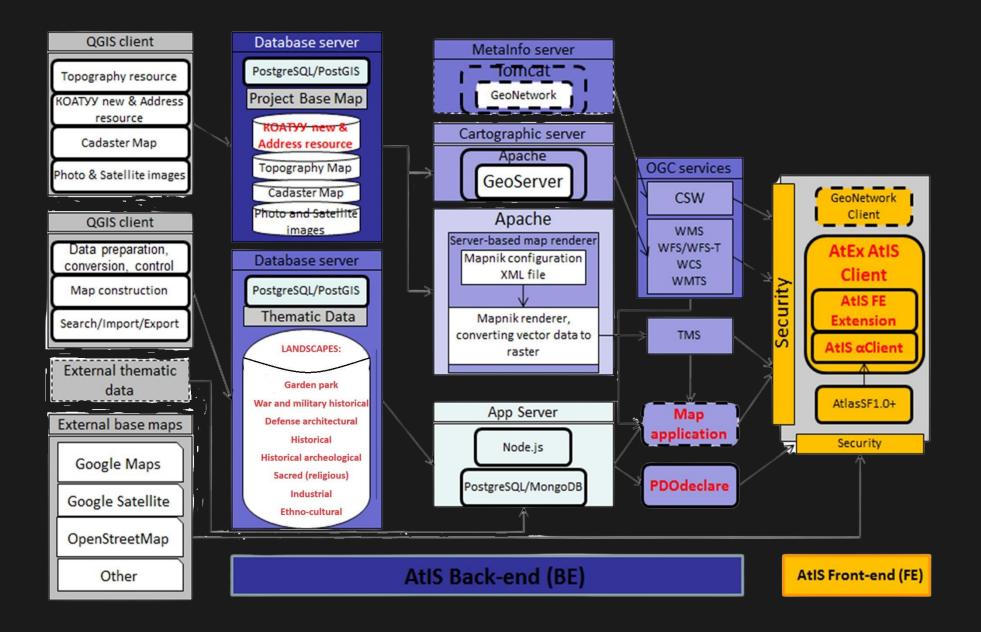
KYIVSKY KRAJ

Examples of maps:

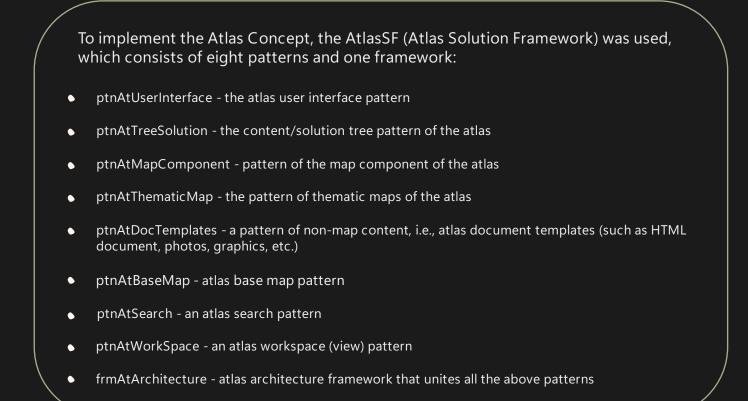
Carpathian Kraj



Architecture of the Atlas framework solutions (AtlasSF)

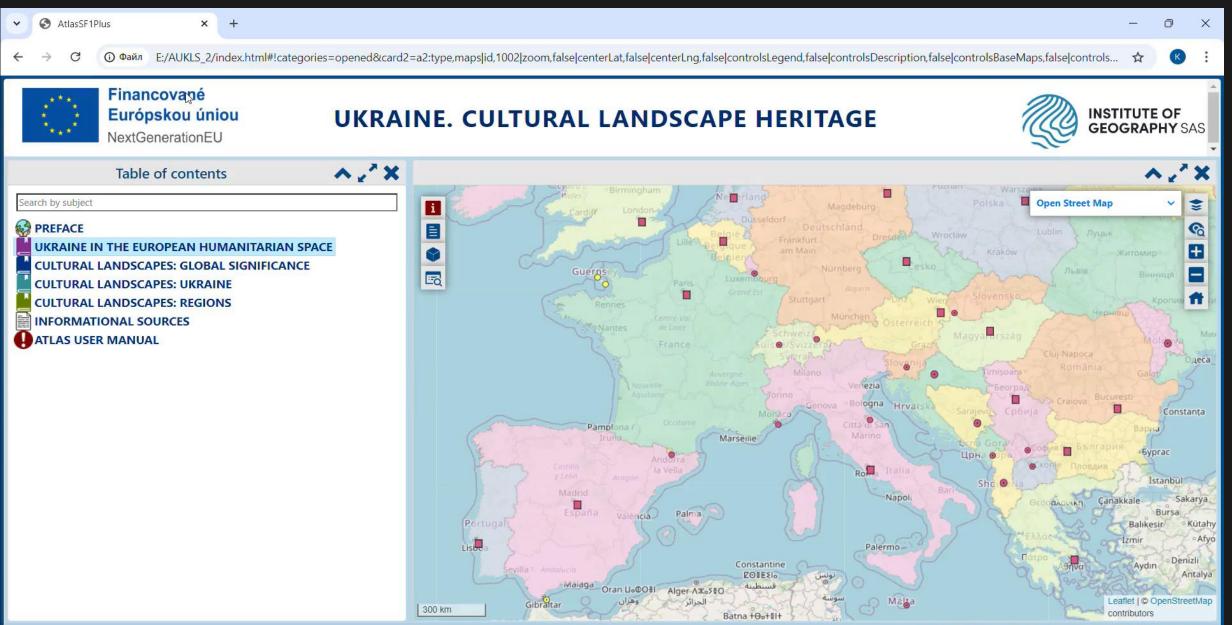


KEY SOFTWARE AND TECHNOLOGY SOLUTIONS



The complexity of the Atlas development was that, on the one hand, it is intended for reproduction and distribution of WEBoriented cartographic images, and therefore the relevant rules and restrictions (technical and software) apply to it. On the other hand, when creating maps, we also have to take into account the rules and limitations of cartographic modelling - classification, selection and generalisation of mapping objects, formation of thematic content of the atlas and individual maps, modelling and application of conventional symbols, etc.

FUNCTIONALITY OF THE ATLAS. A BRIEF OVERVIEW



It is planned that the research results will contribute to :

Identification, protection, preservation and use of cultural landscapes of Ukraine as objects of cultural and natural heritage

Provision of widely available scientific, methodical and informational support for monument protection and nature protection activities



Popularization of unique cultural landscapes, increasing of their recognition and role as visual representation within the country and abroad, forming and popularizing a representative cultural image (brand) of regions

Development of thematic mapping of cultural landscapes, formation of subject database and geographic information system, use as a modern tool of regional and local socioeconomic and spatial development

Attracting public attention to the urgent need to protect and popularize cultural landscapes and broad involvement of local communities and the population in solving the problems of cultural landscapes

Thank You for Attention!

Kateryna.Polyvach@gmail.com

- Institute of geography SLOVAK ACADEMY OF SCIENCES
- Institute of geography NATIONAL ACADEMY OF SCIENCES OF UKRAINE

ResearchGate Profile

