

**22nd MEETING OF THE WORKSHOPS FOR THE IMPLEMENTATION OF
THE COUNCIL OF EUROPE EUROPEAN LANDSCAPE CONVENTION**

“Water, landscape and citizenship in the face of global change”

Seville, Spain

14.03. 2019

Water landscapes: international experiences

“Georgia’s Landscapes and Hydroelectric Resources: Challenges and Opportunities”

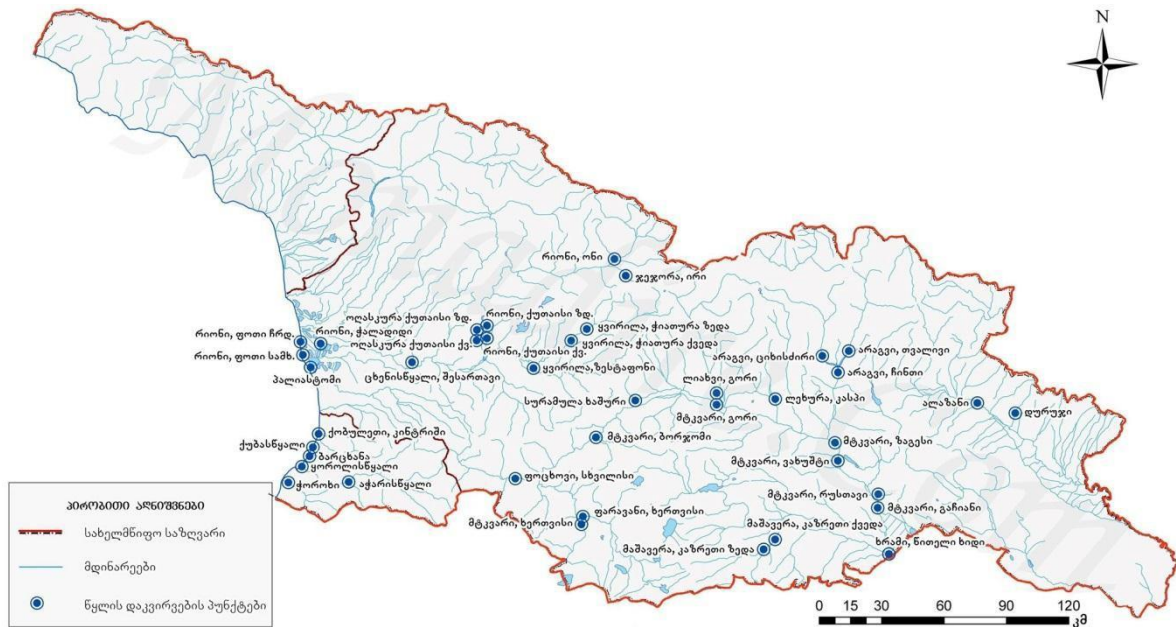


**Dr. Marina Tumanishvili – National Agency for Cultural Heritage
Preservation of Georgia. UNESCO and International Relations Unit**

Map of Georgia - Hydrography



Map of Rivers and Water observation points



The longest river of Georgia – Alazani, and Alazani valley landscape

Alazani is sourced by underground waters, rain water and snow. The river is 390 km long, and the area of the basin is 11,800 sq. km. The river head is situated on the southern slopes of Greater Caucasus and flows into the Mingacheauri reservoir, located in Azerbaijan. Prior to the construction of Mingachauri Reservoir, river Alazani flowed directly into the river Mtkvari.



The largest lake of Georgia – Paravani Lake

Paravani Lake is situated in Samtskhe-Javakheti region at 2,073 m above sea level. Its volume equals 91 sq. km., area – 37.5 sq. km., maximum depth – 3.3 m.



Examples of Challenges and Opportunities - three points with following circumstances



The issue of ensuring the protection of the already modified landscape by the construction of water reservoirs and hydro power plants (the Historical Monuments of Mtskheta– World Heritage site)



Current problematic processes: people are protesting about the landscape changes due to the construction of new dams and hydro power plants (Neskra, Svaneti Hpp)

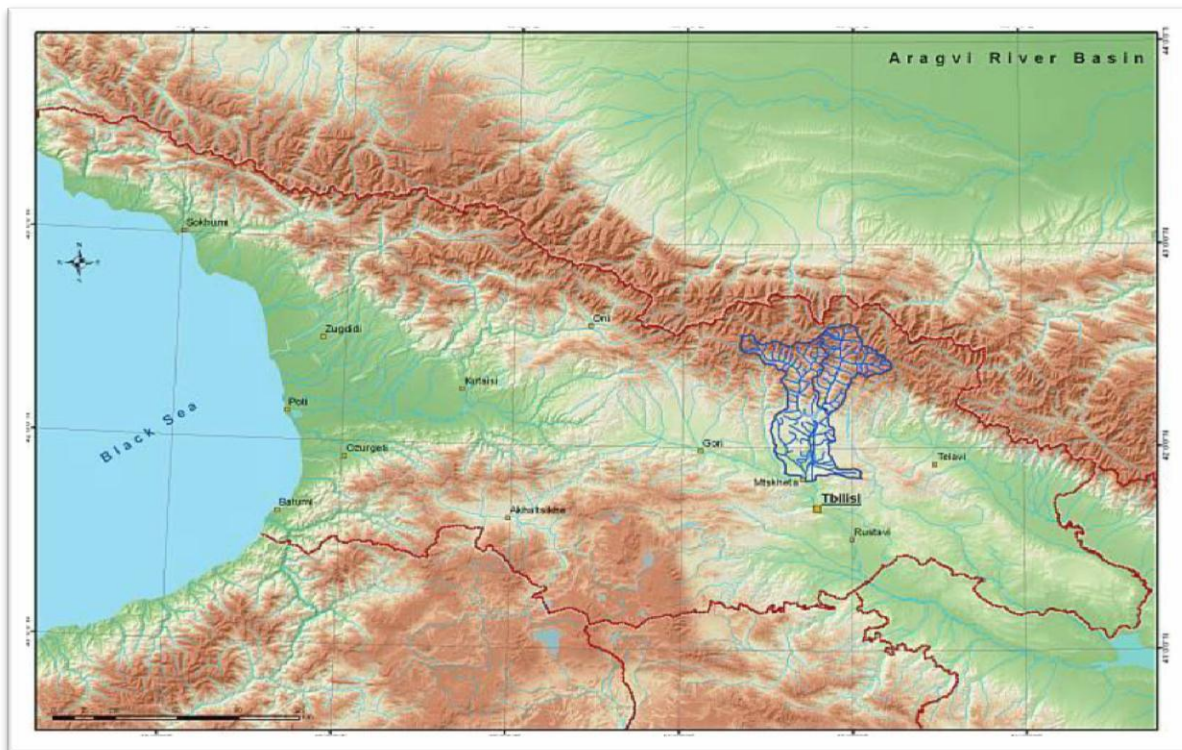


The use of water reservoirs and hydro power plants by granting additional functions that can be a mechanism for increasing the development of potential of the region and may be a mechanism for protection of the landscape from additional alterations. (Enguri Hpp, Samegrelo Region)

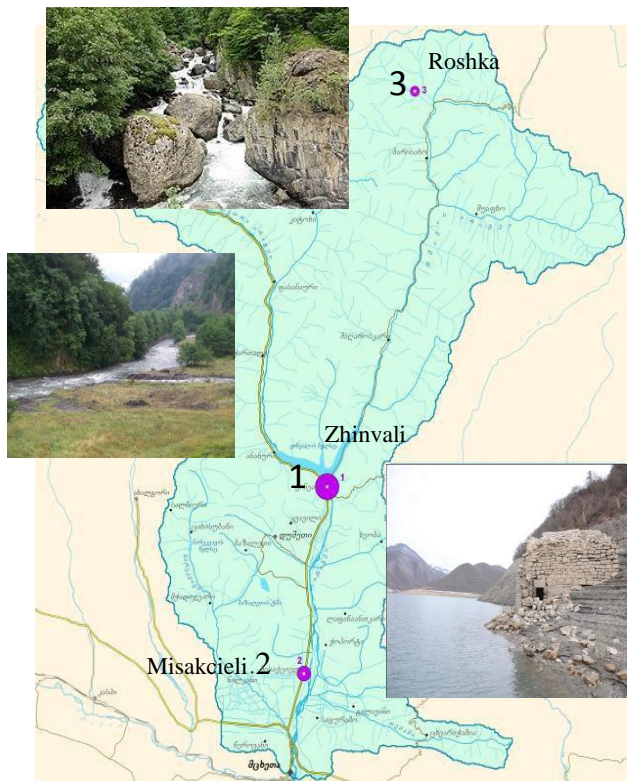
The issue of ensuring the protection of the already modified landscape by the construction of water reservoirs and hydro power plants –
Historical Monuments of Mtskheta World Heritage Site



Aragvi River Basin

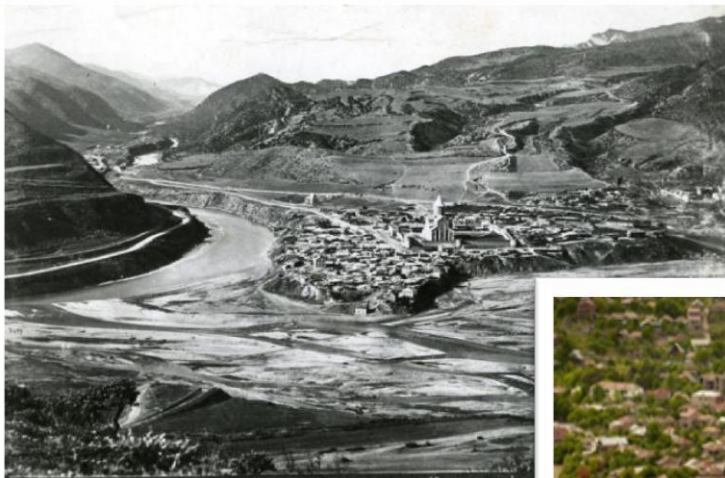


Hydro Power Plants and Reservoirs in Aragvi River Basin



1. Zhinvali Reservoir

Mtskheta Landscape Changing



19th Century

Before 2012

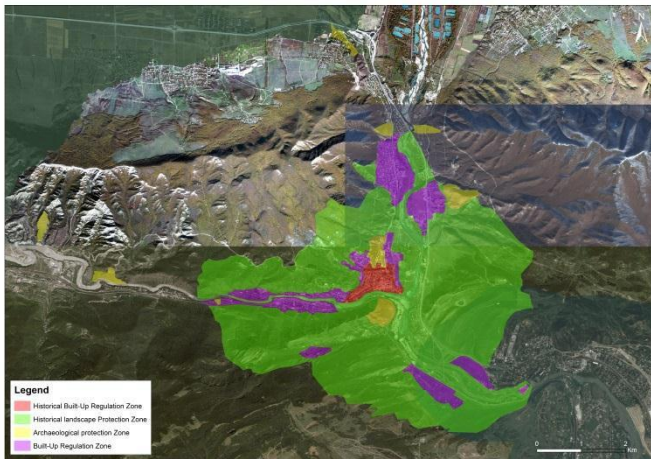
Situation before new
construction in the area of
Svetitskhoveli Monument
(WHS)



New construction in the landscape of the River Aragvi, along Svetitskhoveli and Samtavro Monuments (WHS) - 2018



Project Proposal: Correction of Landscape Protection Zone of Mtskheta Cultural Heritage (2018)



Project proposal on Correction of General Protection Zones of Mtskheta Cultural Heritage

Correction of Landscape Protection Zone of Mtskheta Cultural Heritage-Project



Mskheta landscape is an integral component of the World Heritage Site



Photo of 19th century

Today



Construction of the new Hydro Power Plants (Svaneti, Neskra, Hpp)



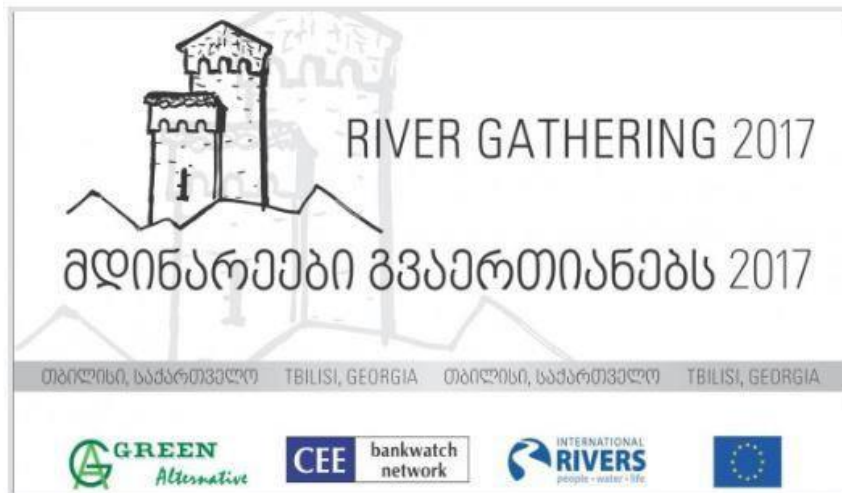
2018 - People facing the landscape changes, caused by constructions of hpps Svaneti, Neskra Dam



Public protest against construction of new Hydro Power Plant Svaneti, Neskra Dam



International events regarding protection of the rivers



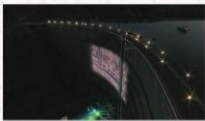
International conference "River gathering Georgia 2017" held in Tbilisi 28-31 March 2017. The goal: to maintain healthy rivers, which is the best way to fight climate change.

Tbilisi, Georgia, conference: **“River gathering Georgia 2017”**

The Example of building-up hpp as a tool of region's economic development, granting additional functions to it. (Enguri Hpp, Samegrelo Region)



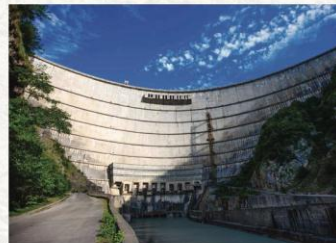
Project: Enguri Hpp – World-Class Attraction



ქვეყრუპსი - მსოფლიო დონის ატრაქციონი ENGURI HPP - WORLD - CLASS ATTRACTION

2016 წელს ქვეყრუპსის ტერიტორიაზე პირველი მსოფლიო მემკვიდრეობის არეალის სტატუსი მიენიჭა. 2016 წელს იმ სადგომებზე, რომლებზეც მსოფლიო მემკვიდრეობის სტატუსი მიენიჭა, მსოფლიო მემკვიდრეობის სტატუსი მიენიჭა. 2016 წელს ქვეყრუპსის ტერიტორიაზე პირველი მსოფლიო მემკვიდრეობის არეალის სტატუსი მიენიჭა. 2016 წელს ქვეყრუპსის ტერიტორიაზე პირველი მსოფლიო მემკვიდრეობის არეალის სტატუსი მიენიჭა.

2016 ENGURI DAM WAS GRANTED THE STATUS OF NATIONAL MONUMENT. 2016 ESTONIAN EXPERTS PREPARED A STRATEGIC PLAN FOR DEVELOPMENT OF TOURISM INFRASTRUCTURE ON ENGURI. 2017 THE LARGE-SCALE PROJECT TO HAVE A WORLD-CLASS MULTIFUNCTIONAL TOURIST ATTRACTION NEAR ENGURI HP WAS LAUNCHED. THE ENGURI TOURIST ZONE WILL DEFINITELY BECOME A SIGNIFICANT FACTOR IN REGIONAL ECONOMIC GROWTH AND DEVELOPMENT. THE PROJECT IS CARRIED OUT IN COOPERATION WITH THE MINISTRY OF ENERGY OF GEORGIA AND ENGINEERS DIRECTORATE.



Enguri Dam – World-class Attraction

Implementation of the complex project *Enguri Dam – Most attractive industrial site and tourist spot:*

Enables:

- Whole year possibility for enlightening, education and leisure purposes;
- Development of the potential of Region.

Aimed at:

- Schools and educational programmes;
- Domestic and International tourists;
- Extreme sports tourists.

Project: Enguri Hpp – World-Class Attraction





Thank you for your attention!