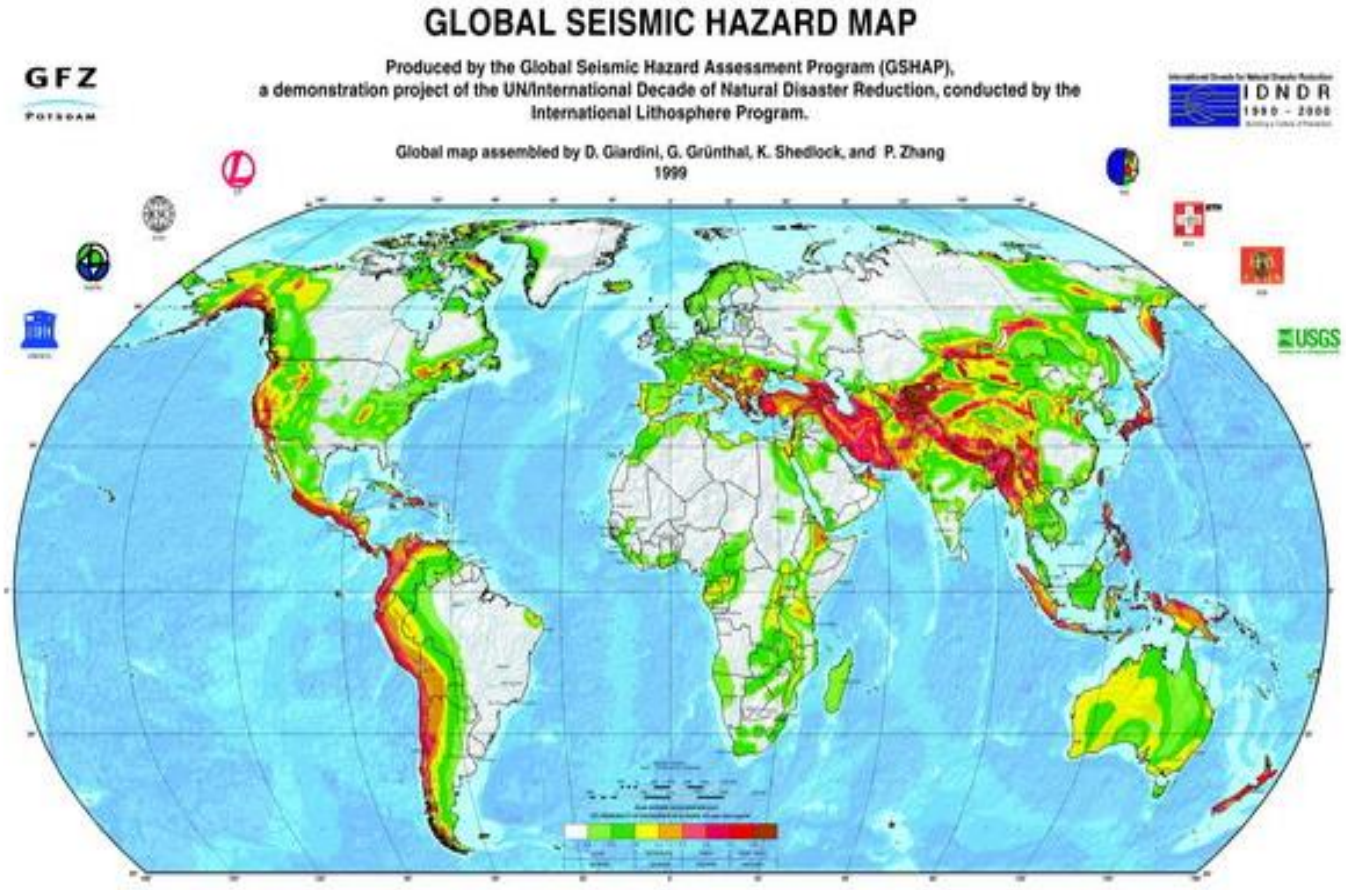
Seismic Engineering International Center (SEIC) in Georgia



In this scheme, only the territories colored in white are aseismic regions.

Earthquakes in Italy

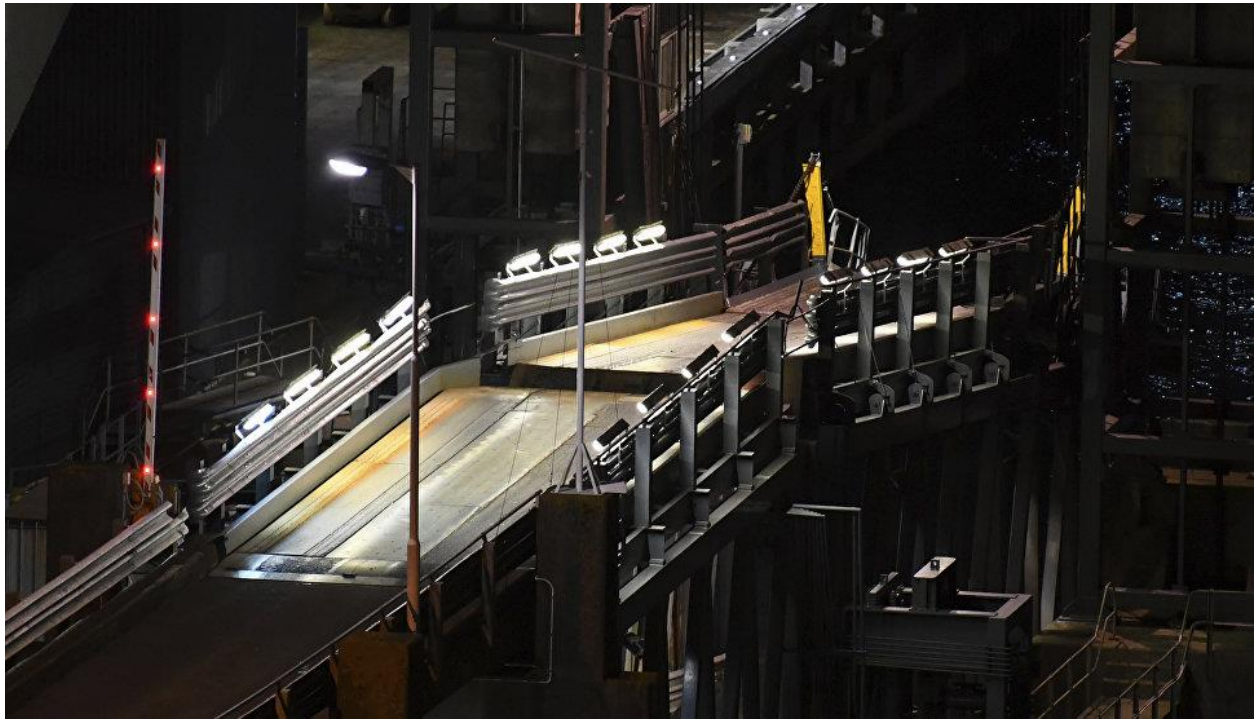
Before the earthquake

After the earthquake

Before the earthquake

After the earthquake

Earthquakes in New Zealand



Earthquakes that cause property damage are usually rated 5 or higher on the Richter Scale

Earthquakes in Armenia


VIGILI
DEL FUOCO
VIGILI
DEL FUOCO
VIGILI
DEL FUOCO

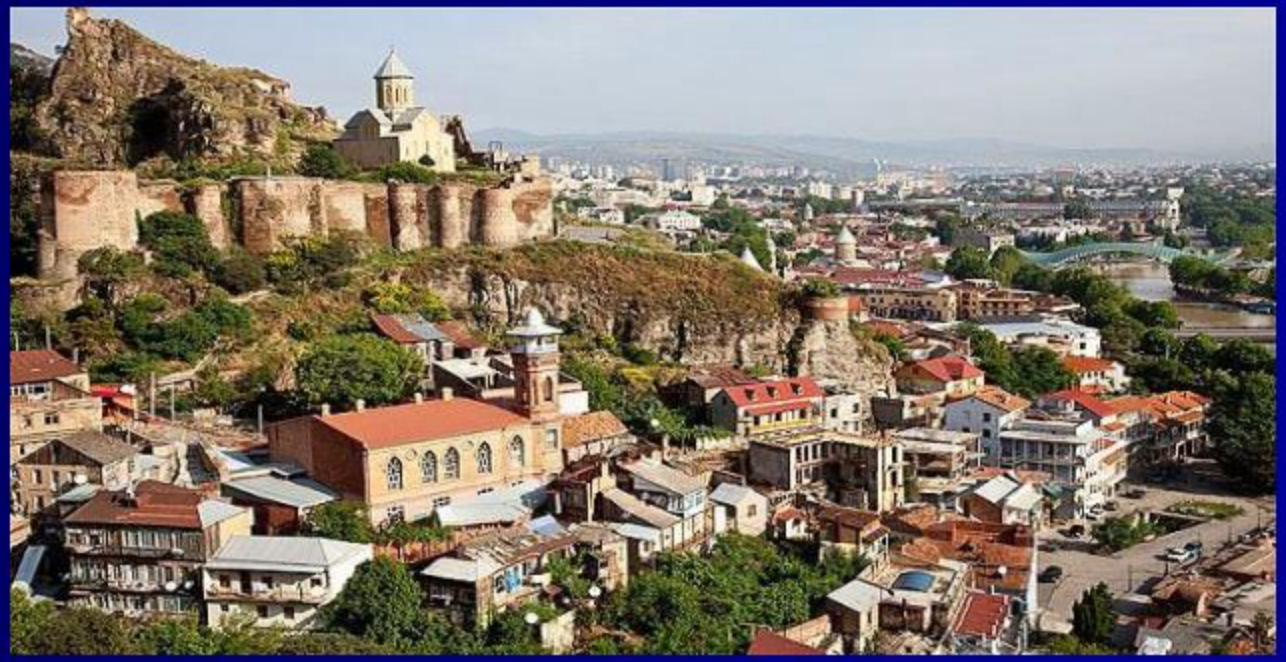
Seismologists have had more success predicting locations of aftershocks than of initial earthquares


4 E

59th ECCE General Meeting in Tbilisi, Georgia

May 29 – 31 2014

- 59th ECCE General Meeting in Tbilisi, Georgia hosted by the Georgian Society of Civil Engineers (GSCE) was organized with great success. The ECCE – GSCE – WCCE International Conference "Seismic design and rehabilitation of buildings " took place on 29 – 30 May 2014.



Declaration of the ECCE-WCCE-GSCE International Conference “Seismic design & rehabilitation of buildings”

ECCE-WCCE-GSCE International Conference

"Seismics-2014. Seismic Resistance and Rehabilitation of Buildings"

Declaration

In 2014 May 29-30 in Georgia, Tbilisi, was successfully held the Joint International Conference on: "Seismics -2014. Seismic Resistance and Rehabilitation of Buildings", organized by European Council of Civil Engineers (ECCE), World Council of Civil Engineers (WCCE) and Georgian Society of Civil Engineers (GSCE).

The world's leading scientists and specialists presented reports on current world's achievements in the field of seismic resistance. There were also presentations on experiences about preservation, study and conservation of cultural and historical heritage. A total of 43 reports were presented in a special book that was published and distributed to participants.

At the end of the he Conference the Organizations involved concluded that it is important:

- To establish in Georgia a **"Seismic Engineering International Center"** - that gives the possibility with participation of local and leading international specialists to prepare the seismic professional training of civil engineers, to improve their qualifications, status and prestige leading to a contribution in structures protection from earthquakes.
- To develop for Georgia, based on European standards, the components of seismic behaviour spectra taking into account the regional seismic, geotechnical characteristics and local conditions at construction sites, allowing a better building design in Georgia.
- To make the changes and corrections to the construction norms and rules operating in Georgia (PN 01.01-09) based on the earthquakes worldwide and to perform a re-analysis of the seismic hazard map operating in Georgia.
- To promote periodically a conference dedicated to constructions seismic resistance in Georgia (tentatively every 2 years).

The undersigned express their hope that world government authorities, donors and other international organizations can support these issues, to an in-depth discussion that will lead to a positive decision.

Fernando Branco	Tomas Sancho Marco	Iuri Svanidze
President of ECCE	President of WCCE	President of GSCE

The main objectives of center:

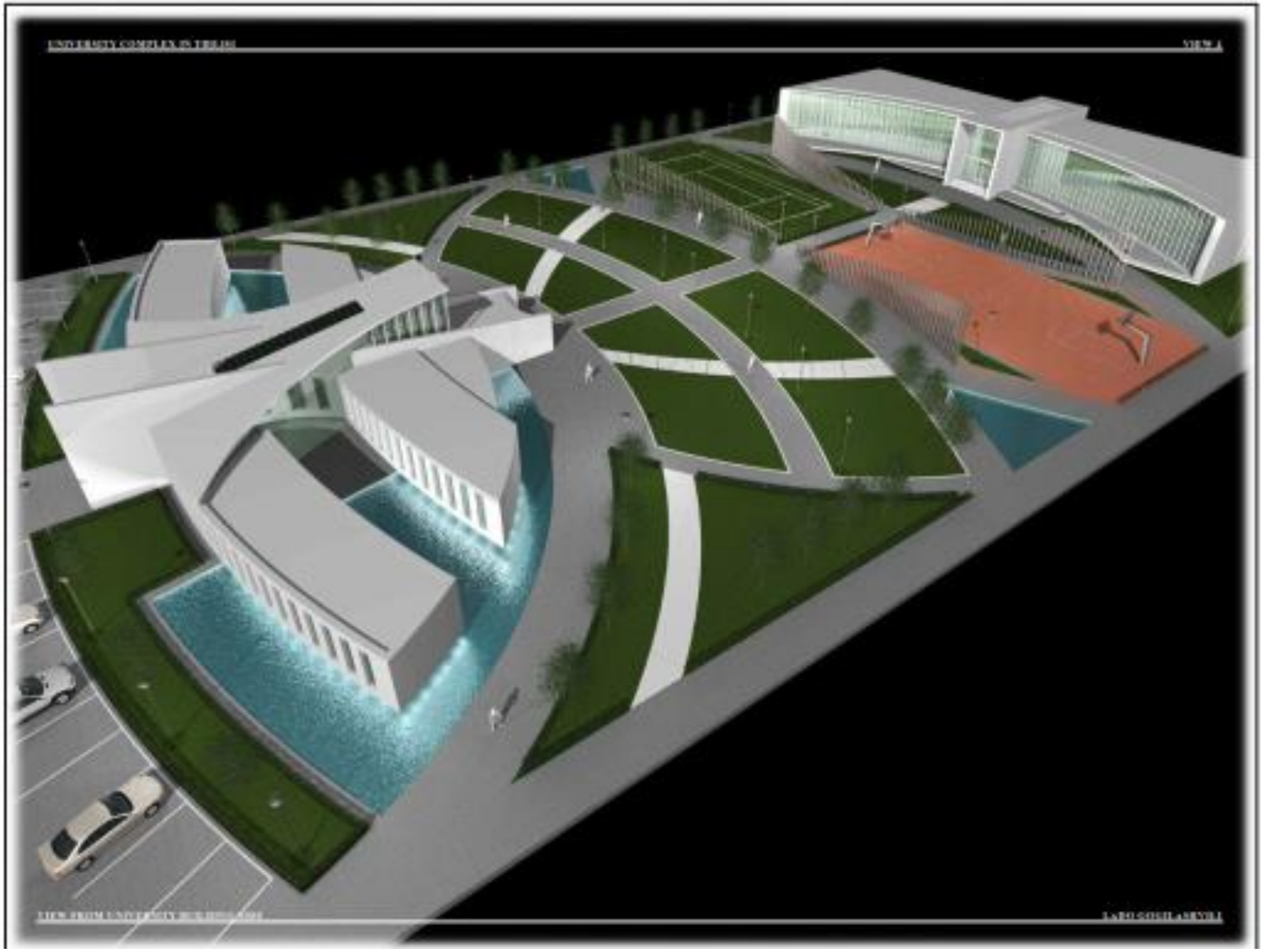
The basic goals of “Seismic Engineering International Center” represents in accordance with the international technical regulations, professional training of civil engineers in earthquake and other construction field, increasing of their qualifications, status and prestige, that will contribute to the building protection from earthquake.

- Study and implementation of latest technologies of earthquake and other fields of construction;
- Study of building energy efficiency issues.
- Study of the existing in environment protection global problems and ways for its solution.
- Study and implementation of International Building Codes (IBC) and European Standards (EUROCODE).
- Study and implementation of international experience of water resources utilization.

- To raise the role of engineering intellectuals, civil engineers professional training, status and prestige, and their submission to Europe.
- Holding of international test examinations, and mutual recognition obtained results by the professional societies.
- To assign highly skilled personnel abroad for participation in separate programs, in the development of projects, as well as study courses and share the experience of foreign construction, design firms and public organizations
- Develop and publish methodological recommendations and other methodological documents on issues of design and construction;
- Organize competitions, exhibitions, conferences, seminars and symposia;
- Issue a European Professional Card.


UNIVERSITY COMPLEX IN TBILISI
VIEW 1
VIEW FROM UNIVERSITY BUILDING SIDE
LADO GOGILASHVILI


UNIVERSITY COMPLEX IN TBILISI
VIEW 2
VIEW FROM UNIVERSITY BUILDING SIDE
LADO GOGILASHVILI



Thank you for your attention