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# Survey for Seismic Protection

## Ministry of Emergency Situations of Republic of Armenia



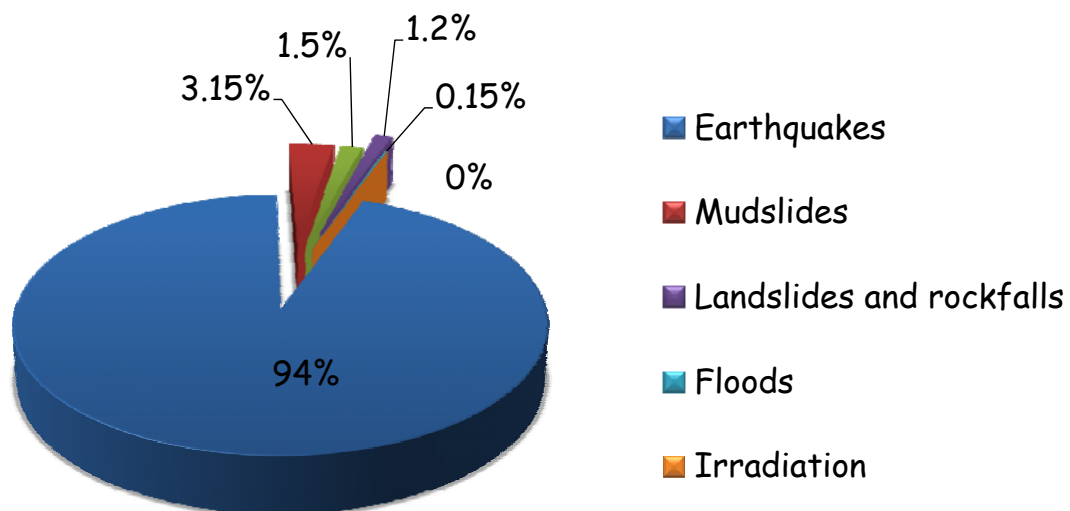
### Country Report: Republic of Armenia

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Department of sociology and psychology*

ADRC Visiting Researcher 2016

## The disasters in Armenia



# Strong Earthquake in Spitak 1988, M=7.0

- 25.000 people losses
- 250.000 injured
- 500.000 homeless



## Survey for Seismic Protection Ministry of Emergency Situation of RA Disaster Response and Manegment



[www.mes.am](http://www.mes.am)



Survey for Seismic Protection (SSP) was founded under the Government of the Republic of Armenia on July 17, 1991. Armenian SSP is under the Ministry of Emergency Situation.



## Laws and regulations

Seismic Protection activities are regulated by a number of laws and legislative acts and national programs of the Republic of Armenia:

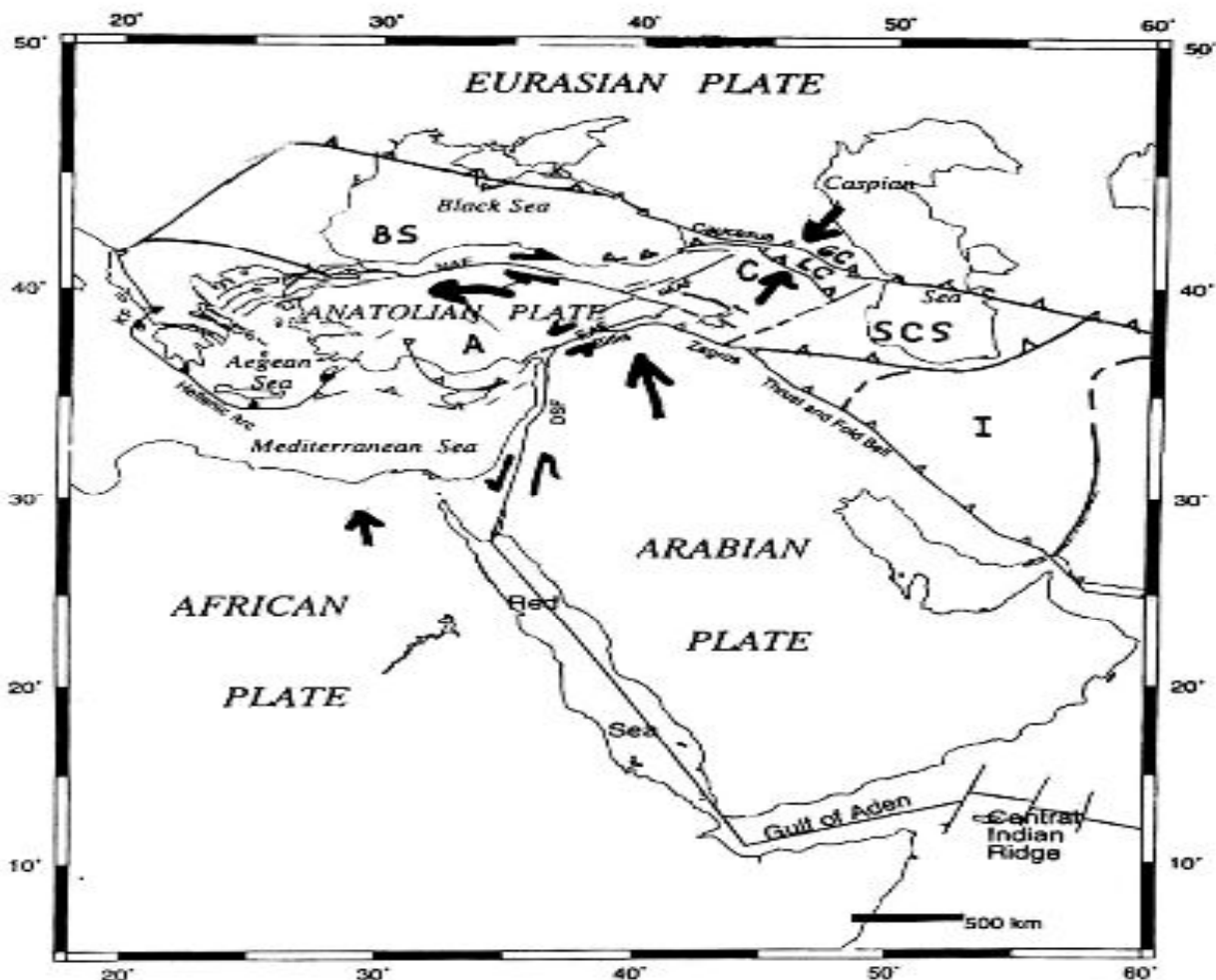
<b>Law of RA</b>	The Law of the Republic of Armenia on Seismic Protection (2002)
<b>Resolutions of Government</b>	The Complex Program of Seismic Risk Reduction in the RA Territory (1999)
	The Complex Program of Seismic Risk Reduction in Yerevan city (1999)
	The Resolution of the Government of RA on establishment of the list of critical important and general facilities in the field of seismic protection (2003)
<b>Regulation</b>	“National Survey for Seismic Protection” Agency (2008)

# The basic goal of SSP is Seismic Risk Reduction in Armenia

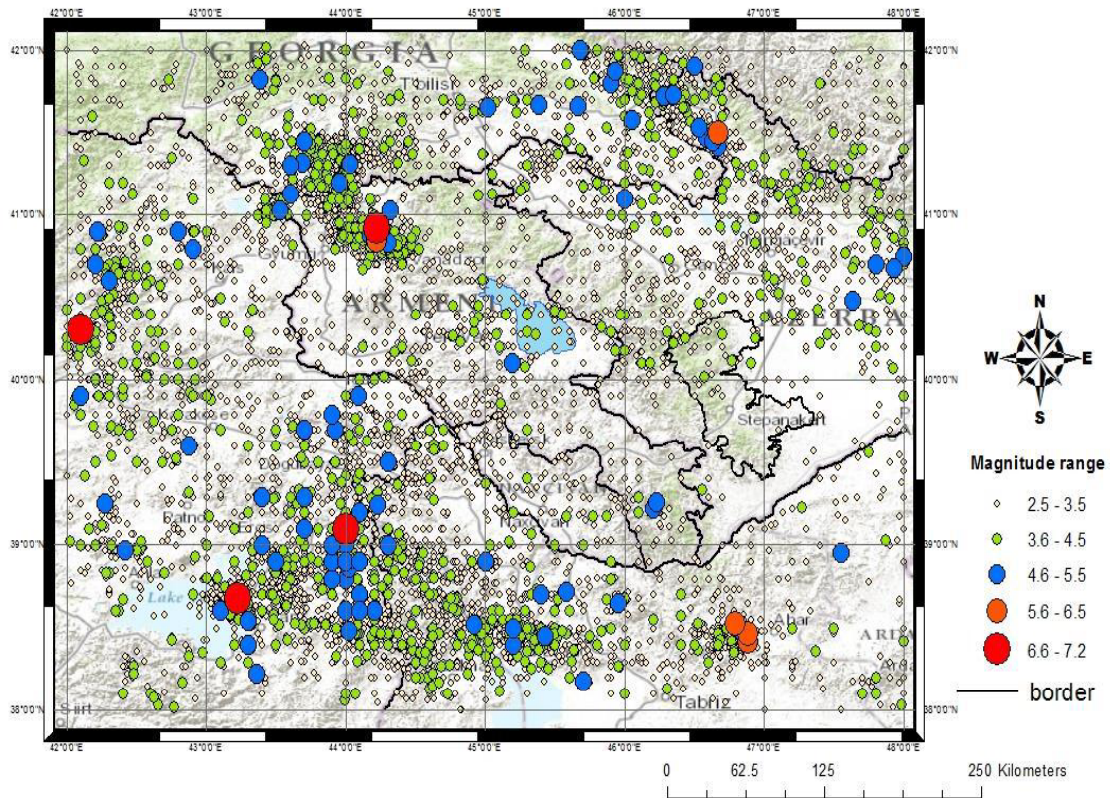
Armenian SSP has developed two Strategic National Programs on

- "Seismic Risk Reduction in Armenia"
- "Seismic Risk Reduction in Yerevan-city".

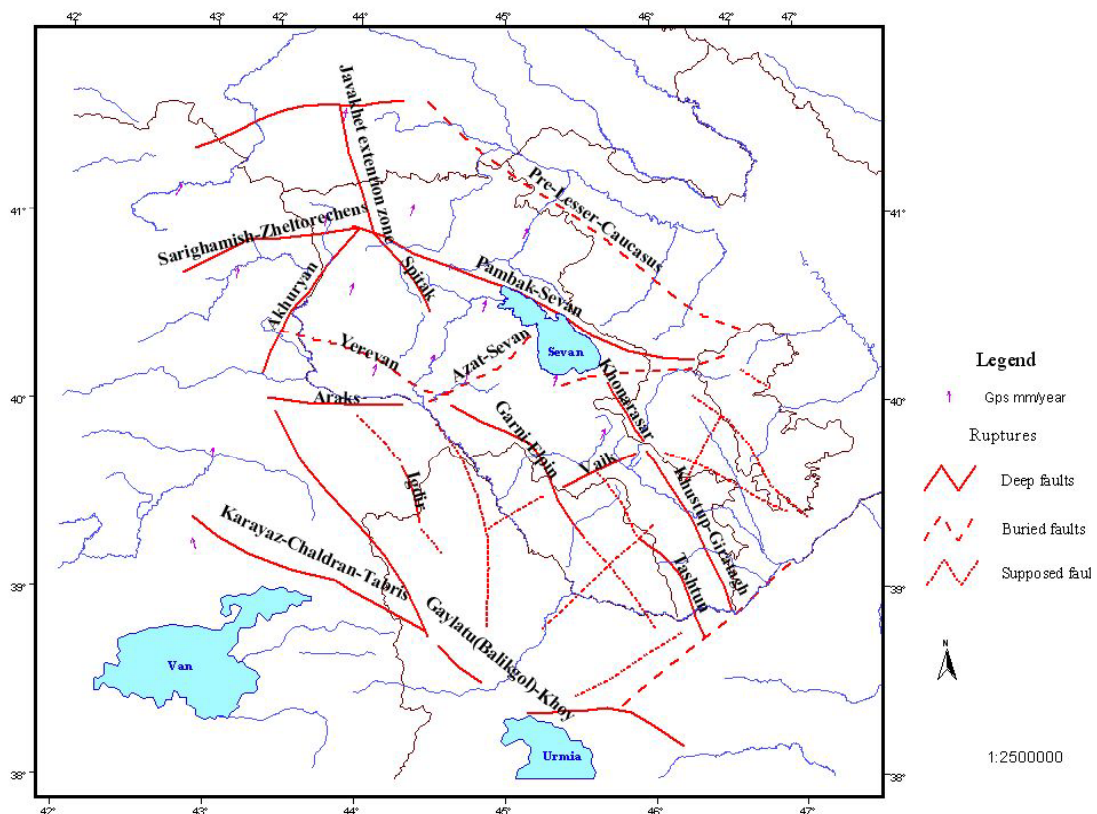
The Programs, adopted by the Government of the Republic of Armenia on the 10<sup>th</sup> and 7<sup>th</sup> of July in 1999 are designed for 30 years. All the Ministries and other Governmental, non-Governmental and private organizations will implement these National Programs under the general co-ordination of Armenian SSP assigned by the Government as a responsible body for the Seismic Risk Reduction Strategy development and implementation.



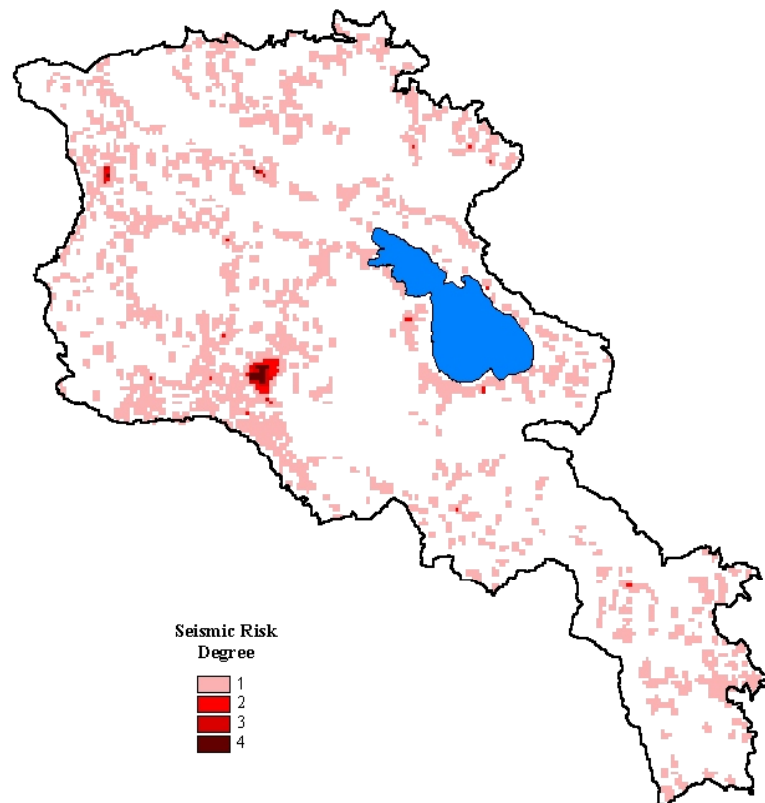
# Map of the epicenters of earthquakes with magnitude $M \geq 2.5$ for time period 1962-2015



# Map of faults



# Seismic risk map of Armenia



## The Armenian SSP Task Force members

- **seismologist-seismotectonist**
- **seismologist**
- **geo-technician**
- **earthquake engineer**
- **communication engineer**
- **public awareness expert**
- **logistics, rescuer**
- **psychologist**



## The basic goal of SSP is Seismic Risk Reduction in Armenia

Seismic risk reduction Strategy includes:

- ✓ Seismic Hazard and Risk Assessment
- ✓ Vulnerability reduction in urban areas, including reinforcement and upgrading of existing buildings, design of new codes and standards
- ✓ Public awareness, people education and training
- ✓ Early warning and notification
- ✓ Partnership establishment, involving public and private organizations
- ✓ Risk management, including Emergency Response and Rescue Operations
- ✓ Disaster relief and people rehabilitation
- ✓ Insurance
- ✓ State disaster Law and regulations

### The Centre of Activities with Population

The Centre of Activities with Population (CAP) consists of Departments of Education, Methodology, as well as of Sociology and Psychology. 

The Department of **Education** implements trainings on code of conduct of seismic protection in schools of Yerevan and regions of Armenia according to an established schedule. It carries out instructional warning/alarm drills and exercises for schoolchildren of different age groups. It also conducts lectures for the regional areas officials of SSP.





The Department of **Methodology** performs development of educational programs on earthquakes for different segments of the population.



The Department of **Sociology and Psychology** where I am employed conducts social-psychological research, sociological surveys, as well as processing and psychological analysis of data. It also takes part in the cooperation with respective services of foreign countries and with international companies, as well as in the process of development, implementation and introduction of the results of projects and sound scientific methods in the sphere of seismic protection.



As the leading specialist of the Department of Sociology and Psychology,  $\Psi$  social-psychological investigations are implemented by me, the goals of which are to reveal the level of cognitive and psychological preparedness on earthquakes among different segments of population.



## Disaster education at kindergartens and schools



## Disaster education at companies and municipalities



As a Visiting Researcher at Asian Disaster Reduction Center my research topic will be:

**Disaster education and human resource development.**



# The Main Goal

The main goal of my research during my stay in Japan will be, to investigate and compare the International and Japanese experience in „Disaster education and human resource development „ field.



## Thank you !!!



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**ARMENIAN SSP**