

შოთა რუსთაველის ეროვნული
სამეცნიერო ფონდი

SHOTA RUSTAVELI NATIONAL
SCIENCE FOUNDATION



SRNSF Programmes, Facts, Numbers and Challenges

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SRNSF – ELSEVIER Forum on Research & Development

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2015 Financial Summary

SRNSF Total Budget 2015 -

28,682,611 GEL

Management Costs – 1,223,211 GEL

Program Costs - 27,459,400 GEL

Budget Execution – 99,54%

2015 Calls	# Submitted Proposals	Funded projects	Success index %
Supporting Research :			
Basic Research	540	106	19.63%
Applied Research	213	35	16.43%
Collaborative research projects [compatriots]	38	12	31.58%
Supporting Young Scientists and International Collaboration:			
Postdoc Research grants	101	34	33.66%
MA Research scholarships	58	47	81.03%
PhD Scholarships	376	87	23.14%
Mobility grants for Young Scientists [Internships]	30	18	60.00%
Seasonal Schools	13	11	84.62%
Travel Grants	194	94	48.45%
Conference Grants	73	9	12.33%
Supporting Georgian Studies:			
Research grants Georgian material and cultural heritage abroad	43	4	9.30%
Supporting Georgian Studies Centers and Programs Abroad	11	2	18.18%
Joint International Collaborative Programs:			
JULICH CENTER (MA)	6	4	66.67%
JULICH CENTER (PhD)	6	4	66.67%
STCU	35	11	31.43%
CNR	17	6	35.29%
Science Communication:			
Competition Young Scientist and Inventors "Leonardo da Vinci" – for secondary and high school students	67	4	5.97%
Total	1821	488	27%

SRNSF Highlights 2015

1. New Statutory document – April 21, 2015
2. Mission Statement- to support innovative, high quality scientific research in Georgia and integration of Georgian researchers and young scientists in international research area.
3. Priority areas -
 - Improvement quality of research
 - Internationalization
 - Supporting young scientists

SRNSF finances

1. Research Projects in all areas
2. Young scientists and international collaboration
3. Georgian Studies
4. Collaborative international research projects
5. Infrastructure
6. Science Communication

Funded Disciplines EUROSTAT/OECD

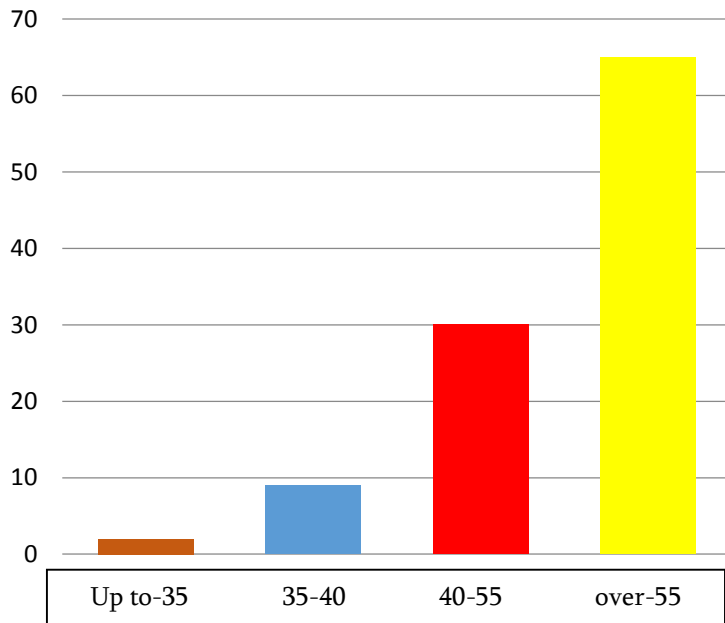
1. Natural Sciences
2. Engineering and Technology
3. Medical and Health Sciences
4. Agricultural Sciences
5. Social Sciences
6. Humanities

Georgian Studies - 10% of program budget

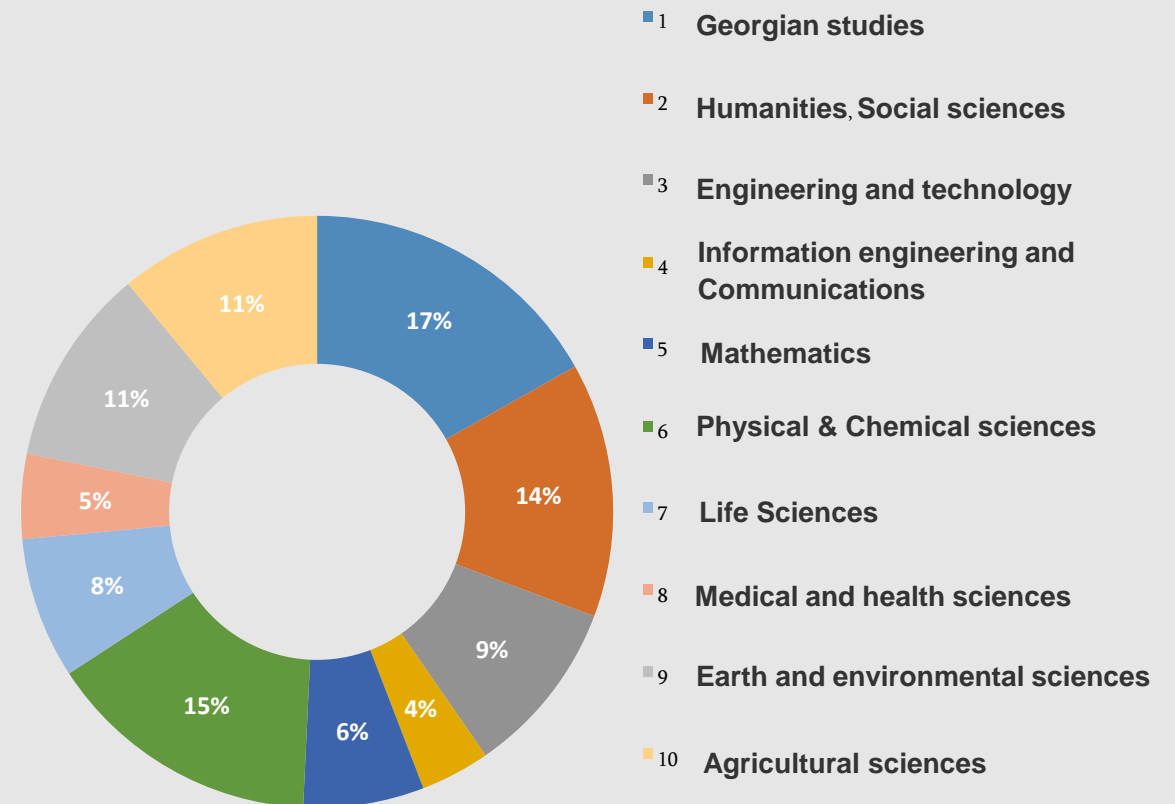
Funding Research – Basic Research

- 2015 Total Budget - 5 049 648 GEL
- Maximum budget per project - 150 000 GEL.
- # Submitted proposals - 540;
- **Funded - 106 project, 395 scientists;**
- Project duration - 6-36 month.

PI Age Distribution

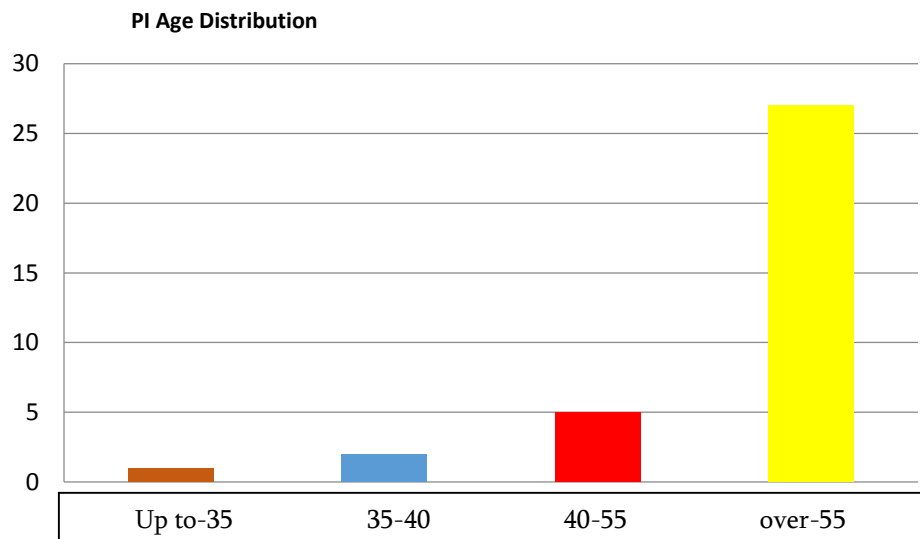


Distribution of Funded Projects by Fields

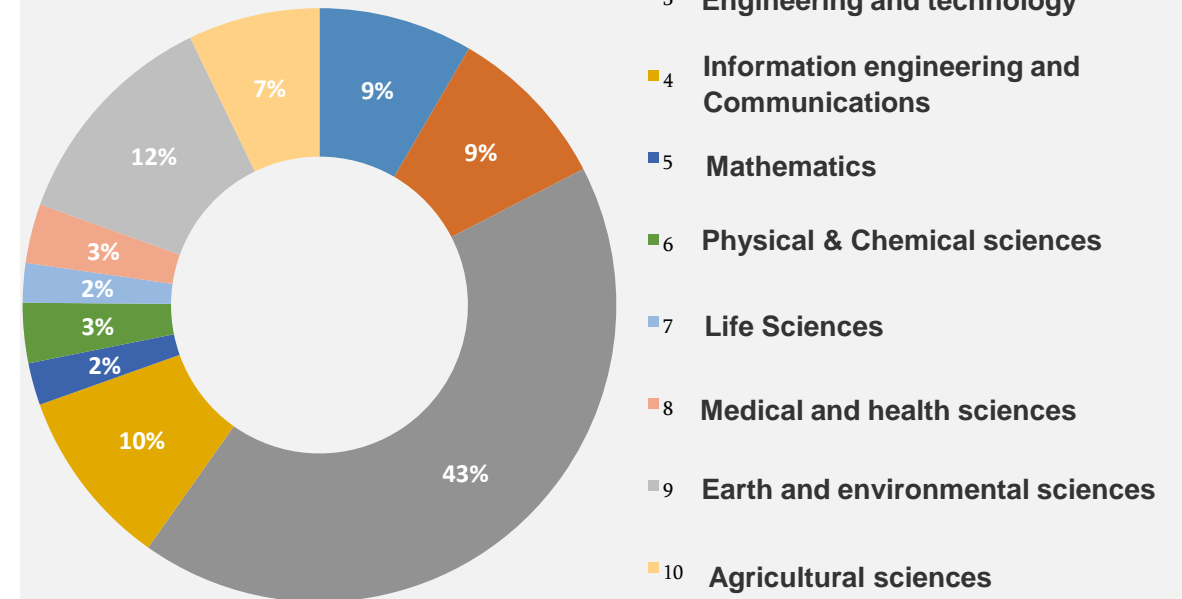


Funding Research – Applied Research

- 2015 Total Budget - 2 996 776 GEL
- Maximum budget per project - 200 000 GEL.
- # Submitted proposals - 213;
- **Funded - 35 projects, 161 Scientists;**
- Project Duration - 12-24 month.



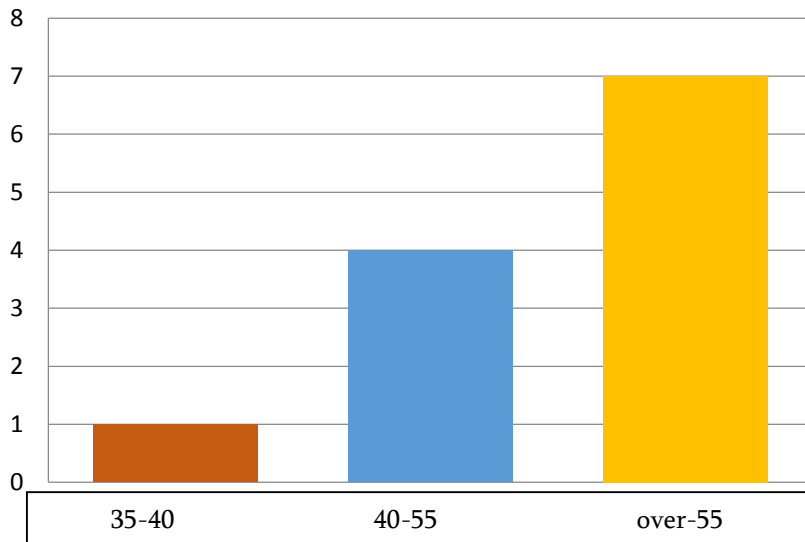
Distribution of Funded Projects by Fields



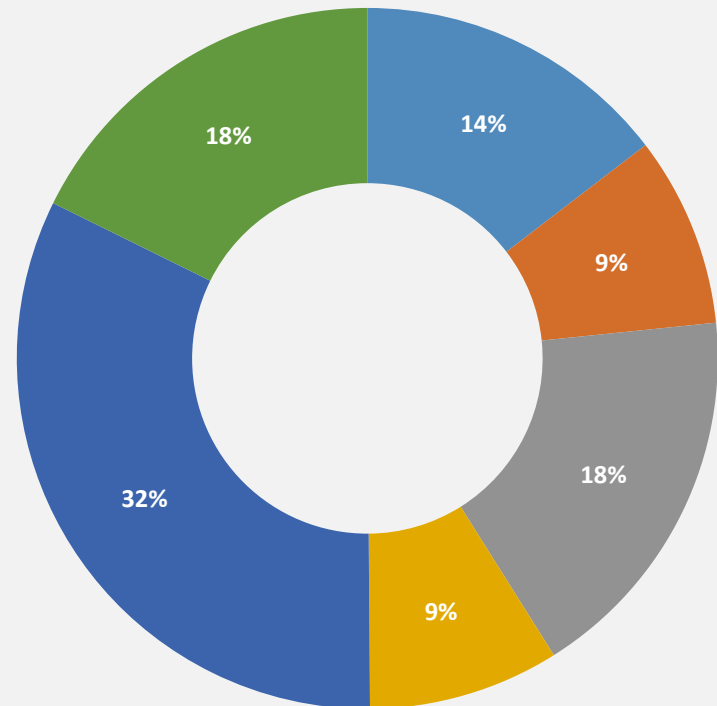
Funding Research – Collaborative Research [Compatriots]

- 2015 Total Budget - 598 909 GEL.
- Maximum budget per project - 150 000 GEL
- # Submitted proposal - 38;
- **Funded – 12 projects; 74 Scientists;**
- Project Duration - 6-36 month.

PI Age Distribution



Distribution of Funded Projects by Fields



- 1 Georgian studies
- 2 Humanities, Social sciences
- 3 Engineering and technology
- 4 Information engineering and Communications
- 5 Physical & Chemical sciences
- 6 Earth and environmental sciences

Supporting young Scientists – Postdoc Research Grants

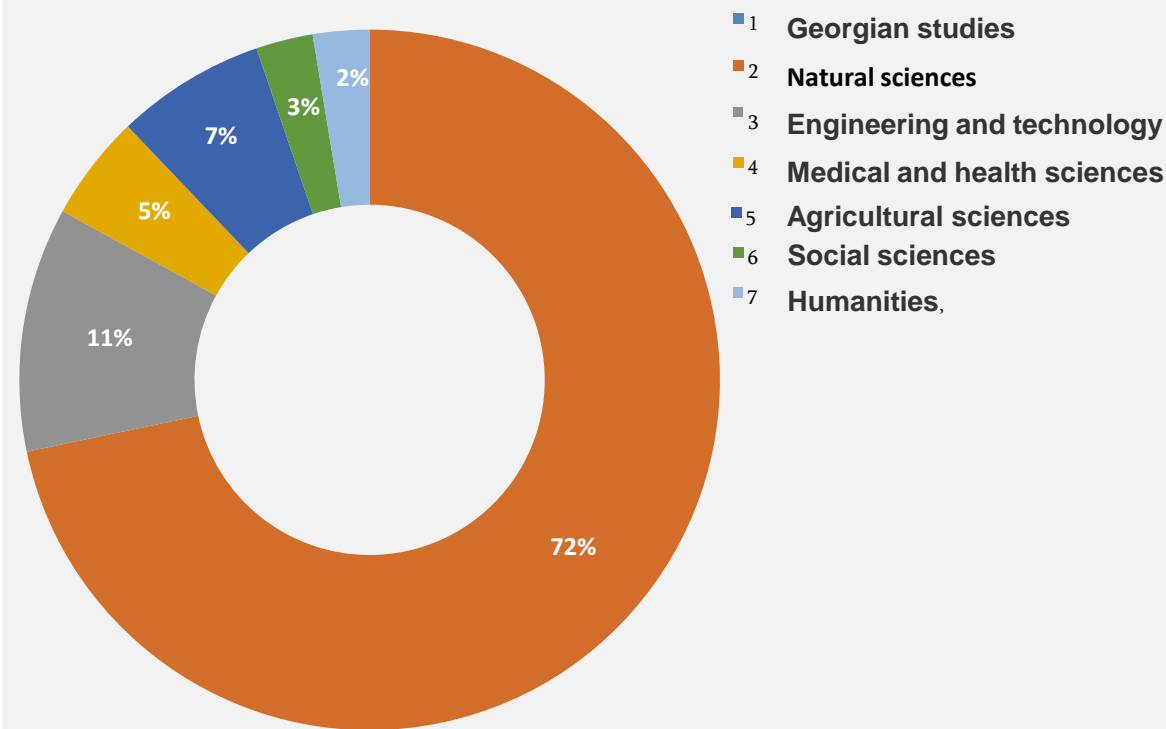
- **2015 Total Budget - 506 619 GEL**
- **Maximum budget per project - 60 000 GEL.**
- **# Submitted proposals - 109;**
- **Funded - 34 projects; 34 scientists;**
- **Project duration - 12- 24 month**

1	Georgian Studies	4
Natural Sciences - 13		
1	Mathematics	4
2	Computer and information sciences	3
3	Physical Science	1
4	Chemical Science	1
5	Earth and related environmental sciences	2
6	Biological Science	2
Engineering and Technology-3		
1	Civil Engineering	1
2	Nano-technology	2
Medicine and Health Sciences-3		
1	Basic Medicine	3
Agricultural Sciences-3		
1	Agriculture, forestry and fisheries	3
Social Sciences -3		
1	Psychology	1
2	Economics and business	2
Humanities-5		
1	Languages and literature	3
2	Arts (Arts, history of arts, performing arts, music)	2

Supporting Young Scientists – Internship Research Grants

- Total budget – 358 447 GEL
- Maximum budget per project - 35 000 GEL
- # Submitted proposals - 28;
- **Funded – 18 projects; 18 Scientists**
- Project duration - 2 - 6 month. [extension up to 8 month]

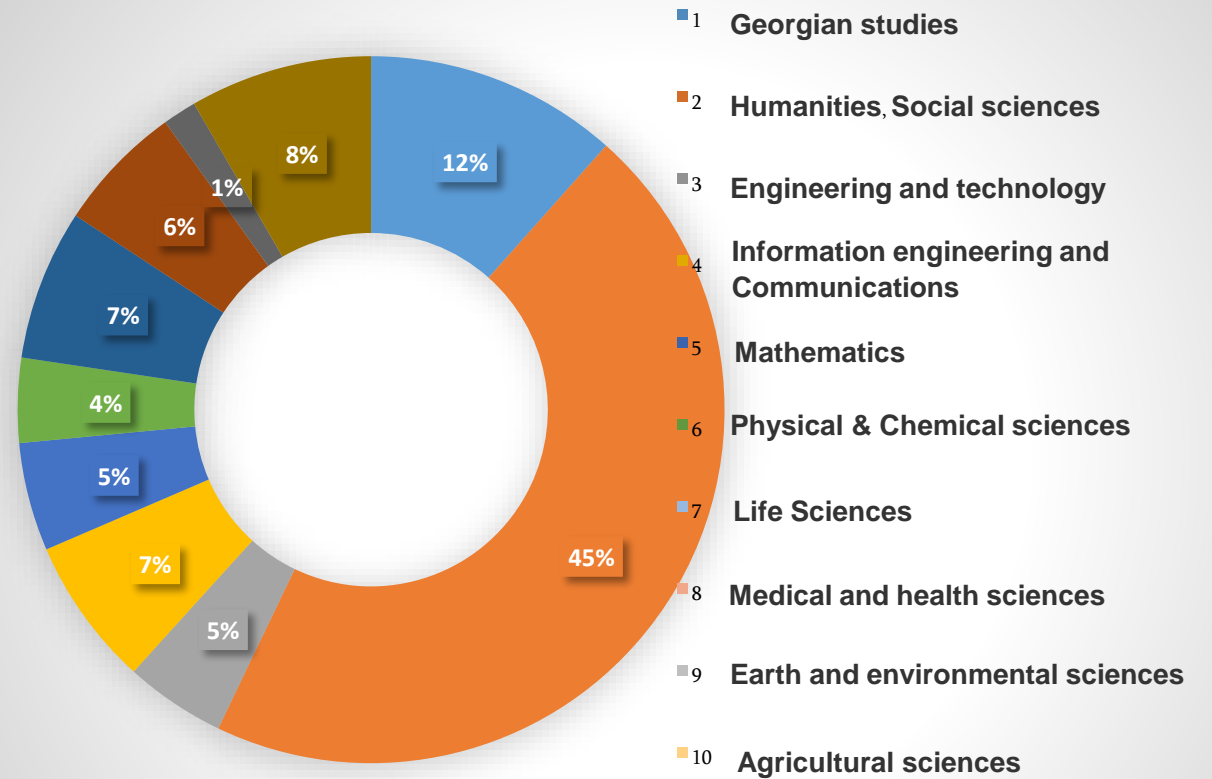
Distribution of Funded Projects by Fields



Supporting young Scientists – PhD Scholarship

- Total budget - 2 560 886 GEL
- Maximum budget per proposal – 63 000 GEL
- # Submitted proposals - 376;
- **Funded - 87 projects;**
- Project duration - 12-36 month.

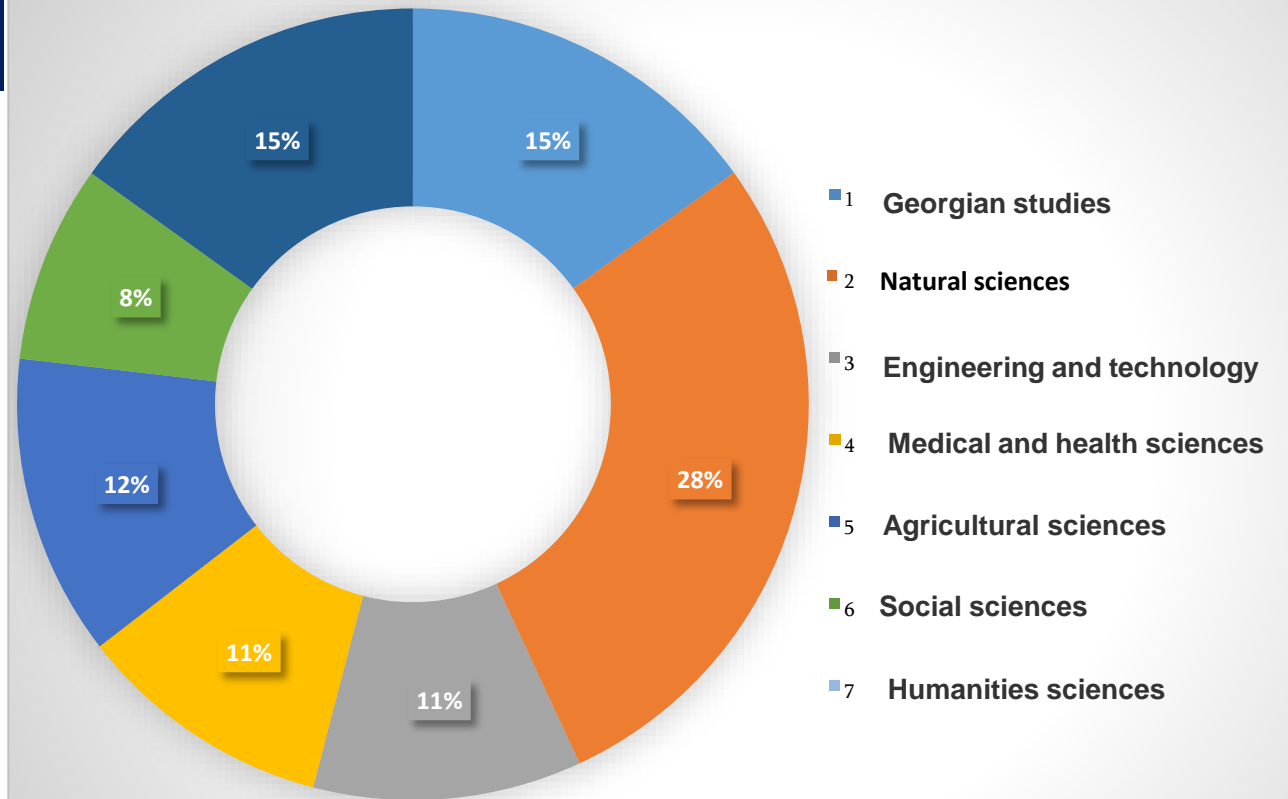
Distribution of Funded Projects by Fields



Supporting Young Scientists – MA Research Grants

- Total budget - 240 000 GEL
- Maximum budget per project – 6 000 GEL
- # Submitted proposals - 58;
- **Funded - 47 project;**
- Project Duration - 4-10 month.

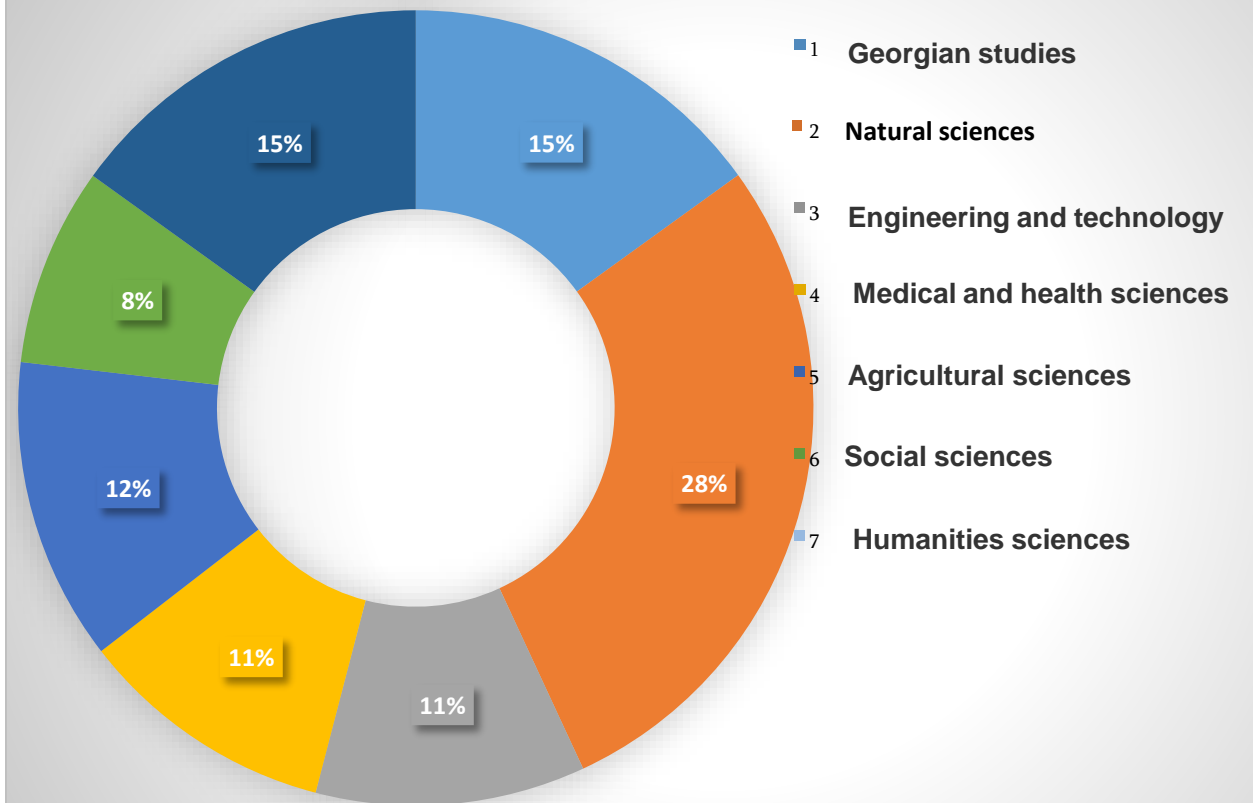
Distribution of Funded Projects by Fields



Supporting Young Scientists – Seasonal Schools

- Total Budget - 500 000 GEL
- Maximum budget per project - 45 000 GEL
- # Submitted proposals - 13;
- **Funded - 11 projects;**
- Period for implementation - 1.10.2015-31.05.2016.

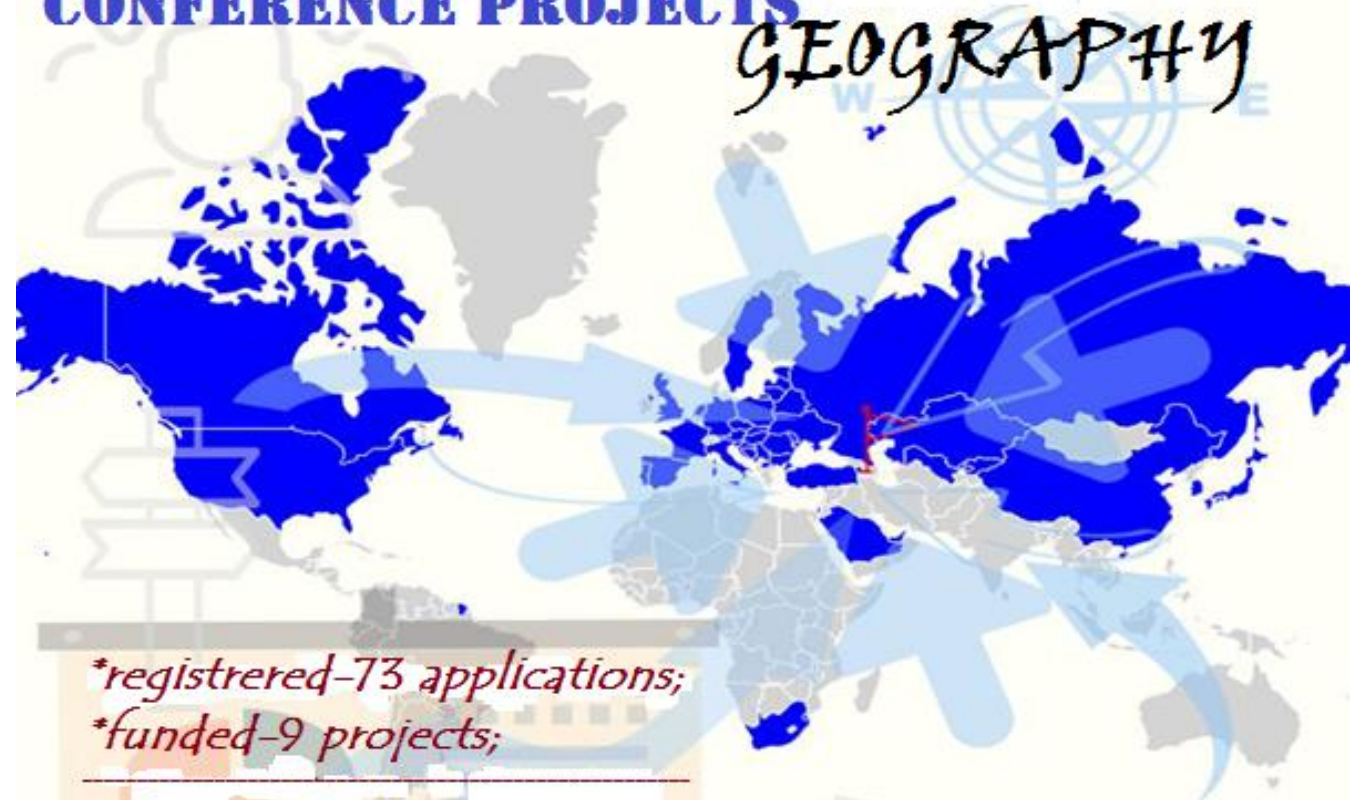
Distribution of Funded Projects by Fields



International Collaboration and Mobility – Conference grants

FUNDED INTERNATIONAL AND REGIONAL CONFERENCE PROJECTS

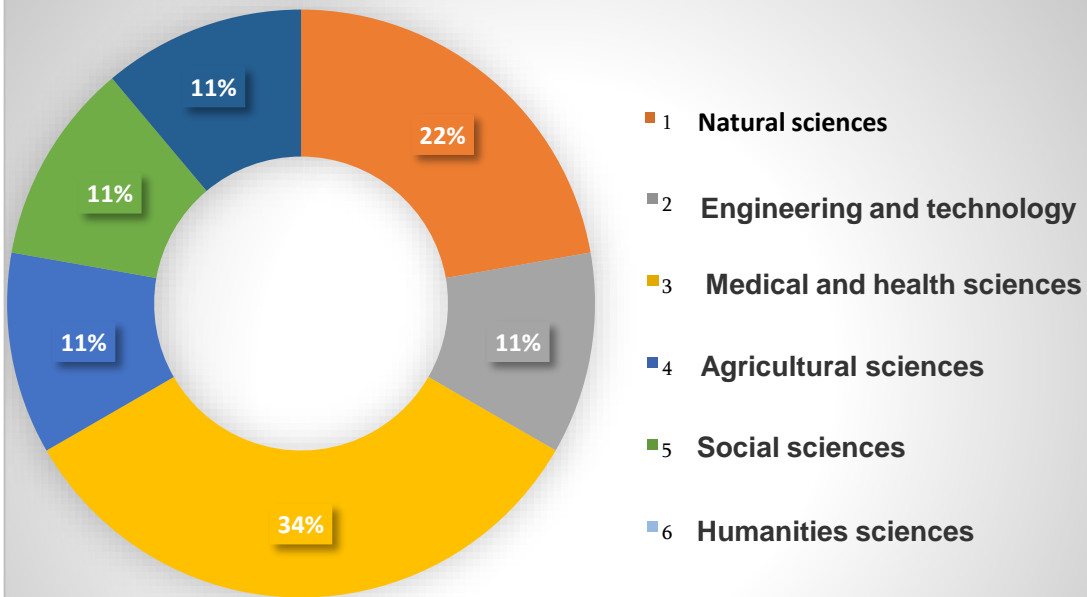
GEOGRAPHY



**registrered-73 applications;
funded-9 projects;

*TOTAL BUDGET for CALL:
288'343 GEL*

Distribution of Funded Projects by Fields



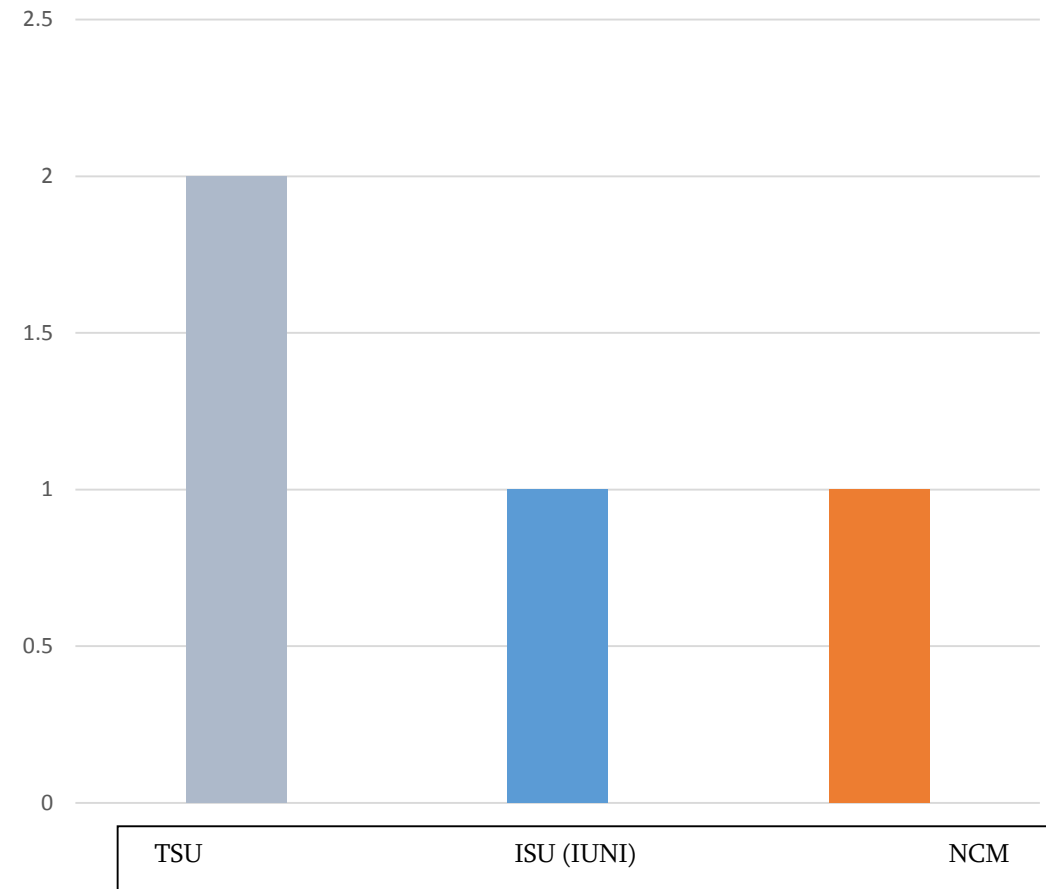
- 1 Natural sciences
- 2 Engineering and technology
- 3 Medical and health sciences
- 4 Agricultural sciences
- 5 Social sciences
- 6 Humanities sciences



Georgian Studies – Research Grants on Georgia material and cultural heritage

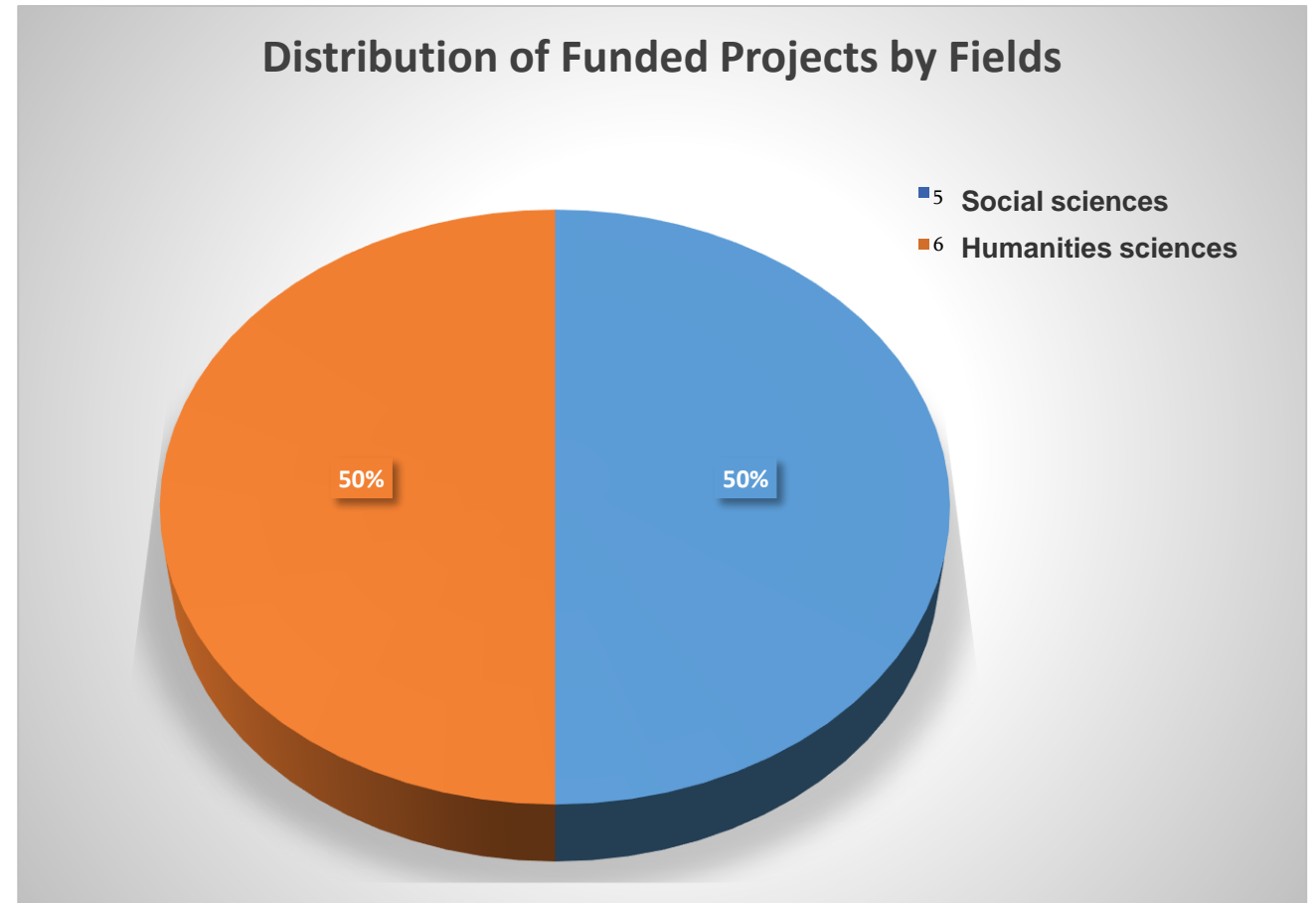
- **Total budget – 400 000 GEL in 2015**
- **Maximum budget per project – 100 000 GEL per year [overall 300 000 GEL]**
- **# Submitted proposals - 43;**
- **Funded – 4 projects; 24 Scientists**
- **Project duration – 3 years**
- **Total budget for 3 years - 987 771 GEL**

Distribution of Funded Projects by Institutions



Georgian Studies - Supporting Georgian Studies Centers and programs aboard – Oxford University Georgian Studies Program, Visiting Academic

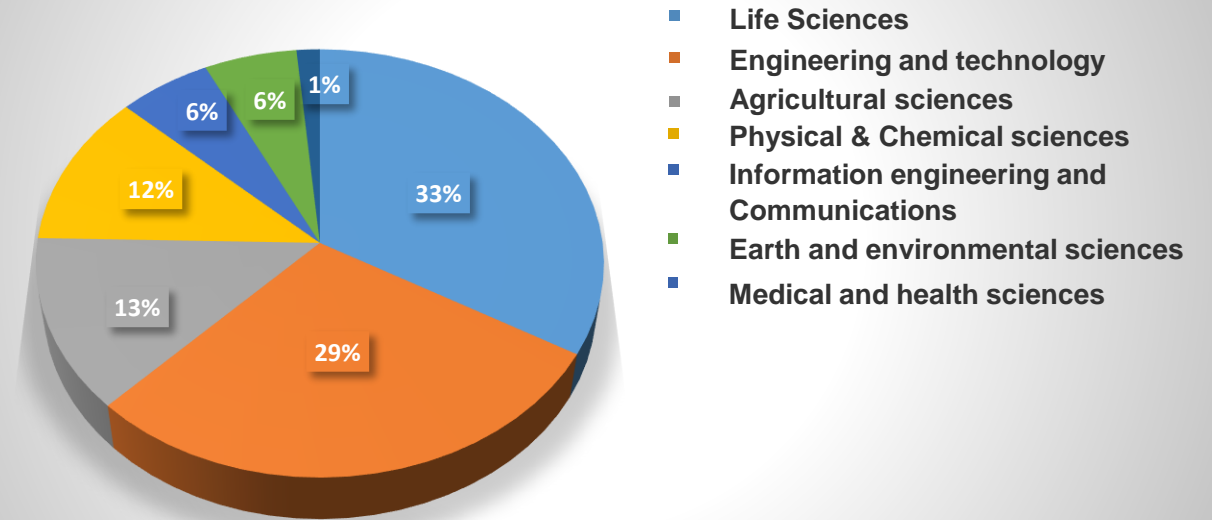
- **Total budget - 215 522 GEL**
- **# Submitted proposals -11**
- **Funded - 2 academic fellowships**
- **Fellowship duration 12 month**



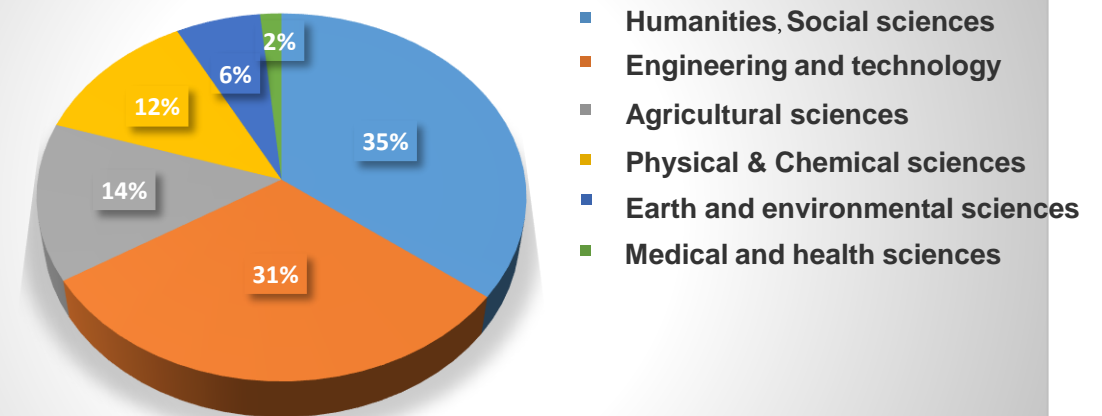
International Collaboration

- CERN – 316 539 GEL
- DUBNA – 716 149 GEL
- JUELICH CENTER -25 069 GEL
- CNR – 47 300 GEL
- CNRS – funded in 2016 [total 30 000 EURO for 3 years, 10 000 per year]
- STCU – results expected in February 2016 [grant allocation 537 000 GEL]
- ISTC – co-financing from 2017, [possible from 2016]
- EU Multilateral Programs (FP7 IncoNet EaP; Black Sea Horizon)

Distribution of 69 Applications by Fields



Distribution of Second Stage Projects by Fields

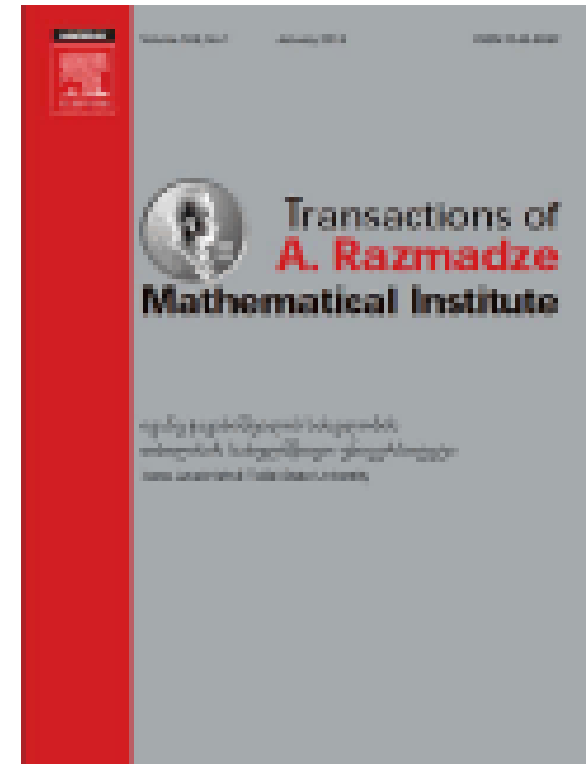
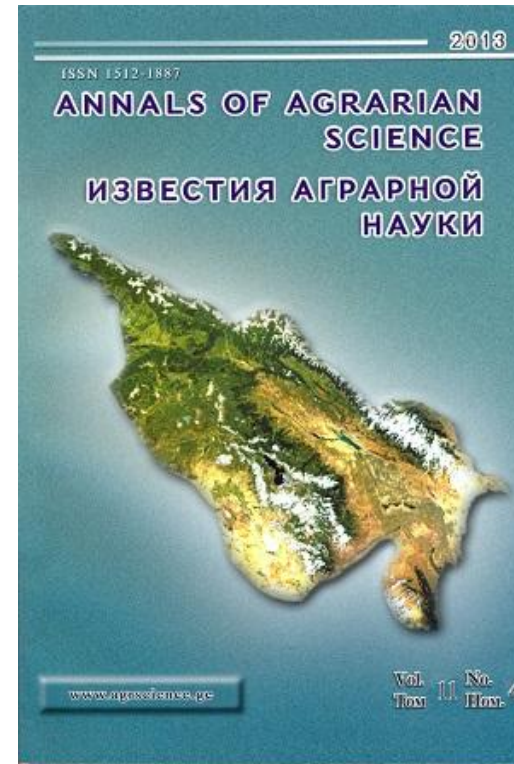


Scientific Information and Technology infrastructure development

- **ELSEVIER BV, Scopus for Universities and Research Centers;**
- **2 Georgian Journals in ELSEVIER from 2016 -**

Annals of Agrarian Science

**Transactions of Andria Razmadze
Mathematical Institute**

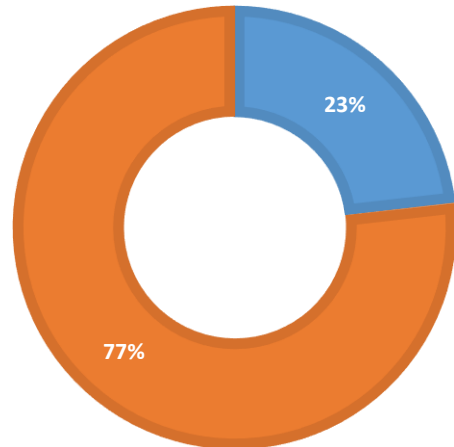


Science Communication

Young Researchers and Inventors program Leonardo da Vinci –

- Total budget -28 150 GEL
- # Schools participation - 44;
- # Submitted proposals - 67;
- Grandpre - Tour abroad
- Prizes Awards (I, II, III) - 10 000 GEL

GENDER DISTRIBUTION OF THE INVOLVED H.S. STUDENTS



■ Male ■ Female

2015 International Olympiads

Total Budget - 219 036 GEL.

2015 Achievement

- Mathematics - 1 Silver, 3 Bronze and 1 Honor;
- IT – 4 Bronze Medals
- Physics – 3 Honors.

Budget 2016

Budget 2016	32,904,000 GEL	%
2016 calls budget	16,168,100 GEL	49%
Research Grants (FR, AR, DI)	4,600,000 GEL	14%
Research grants in Georgian Studies (Heritage, UO, GS conference)	262,000 GEL	1%
Grants for promoting international cooperation (travel grants, international conferences, seasonal schools)	1,305,000 GEL	4%
Young scientists development (Young Researchers projects, Internships, MR, PhD stipends)	2,870,000 GEL	9%
Science Popularization Young inventors and researchers grants, Research projects by secondary school students etc.)	220,000 GEL	1%
Joint research programs and international collaboration (CNR, CNRS, Juelich, TUBITAK, JSPS, etc.)	317,100 GEL	1%
Scientific Infrastructure (ELSEVIER)	960,000 GEL	3%
Fees to international scientific centers/ institutions (CERN, DUBNA HORIZON2020)	4,364,000 GEL	13%
Funds for administration of calls and evaluation of proposals	1,270,000 GEL	4%
2015 calls management commitments	1,213,072 GEL	4%
2014 calls management commitments	9,922,801 GEL	30%
2013 calls management commitments	3,971,027 GEL	12%
Total Program budget:	31,275,000 GEL	95%
SRNSF Administration budget:	1,629,000 GEL	5%

2016 highlights

➤ 5 New Programmes for Young Scientists' Development and International Cooperation

(PhD Fellowships, MA Fellowships, DAAD, VW, French Inst.)

➤ Evaluation of big grants implemented by external reviewers only (Outsourcing of expertise FR, AR, DI)

➤ Increased Budget per proposal in FR, AR, DI programmes (by 20% in AR, 40% in FR, DI).

<u>STI Funding growth</u> (including management commitment)					
#	<u>Priority Directions/ Programmes</u>			<u>Budget Growth in GEL</u> (2012-2016)	<u>Budget Growth in %</u>
1	Research Funding (FR, AR, DI)			2,305,538	11%
2	Supporting young scientists development and facilitation of international collaboration			3,432,040	172%
3	Supporting Georgian Studies Development			172,000	191%
4	Joint Research Programmes and international collaboration (bi-lateral and multi-lateral cooperation with partner institutions)			3,324,737	261%
5	Supporting Development of Scientific Infrastructure (ELSEVIER)			960,000	
6	Science Popularization			114,430	28%
	<u>TOTAL</u> (including management commitment)			<u>10,308,745</u>	<u>41%</u>

HORIZON 2020 ASSOCIATION

April 29, 2016 Georgia signed

Horizon 2020

Association Partnership!

Thank you for attention!

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