

**Ts. Mirtskhulava Institute of Water Management
Scientific Report**

2016

**I. 1. Scientific-Research Projects Planned and Implemented in 2016 Funded by the State Budget
of Georgia**

(Concerns to scientific-research institutes)

I. 2. Name of the Program _ “Research of modern problems of environmental protection and water management on the background of climate change”

Program Supervisor: Givi Gavardashvili - PhD of Technical Sciences, Professor

#	Planned and Implemented project with the indication of scientific field and direction	Project Supervisor	Project Performers
1	<p>Subdirection – “Methodology for the prediction of erosion processes of mountain riverbeds during waves of mudflows and their use to design new types of mudflow-resistant structures”</p> <p>Scientific Field: Nature Sciences</p> <p>Scientific Direction: <i>2.1.5 Earth and environment sciences</i></p>	<p style="text-align: center;">Otar Natishvili- Academician</p> <p>Givi Gavardashvili – PhD of Technical Sciences, Professor</p>	<p>1. Davit Kereselidze PhD of Technical Sciences, Professor, Senior Scientific Worker</p> <p>2. Eduard Kukhalashvili PhD of Technical Sciences, Professor, Senior Scientific Worker</p> <p>3. Inga Iremashvili Acad. Doctor of Technical Sciences</p> <p>4. Irakli Kvirkvelia Acad. Doctor of Technical Sciences</p> <p>5. Marina Mghebrishvili Acad. Doctor of Technical Sciences</p>
2	Subdirection _ Impact of flood	Robert Diakonidze- Acad.	1. Jumber Panchulidze

	and flood surveys, forecast and development of modern measures against climate change Scientific Field: Nature Sciences Scientific Direction: 2.1.5 <i>Earth and environment sciences</i>	Doctor of Geographical Sciences, Associate Professor Zemphira Charbadze Scientific Worker	Acad. Doctor of Technical Sciences, senior scientific worker. 2. Marika Shavlakadze Acad. Doctor of Engineering Sciences, scientific worker. 3. Nino Nibladze Scientific worker 4. Qetevan Dadiani Scientific worker 5. Bela Diakonidze Engineer
3	Subdirection _ Engineering-ecological research of water resources, Black Sea aquarium and agricultural facilities and their reliability assessments, based on the global factors of climate change. Scientific Field: Nature Sciences Scientific Direction: 2.1.5 <i>Earth and environment sciences</i>	Irina Jordanishvili PhD of Technical Sciences	1. Levan Itriashvili Acad. Doctor of Technical Sciences, senior scientific worker. 2. Giorgi Natroshvili Acad. Doctor of Technical Sciences, scientific worker 3. Konstantine Jordanishvili Acad. Doctor of Technical Sciences, scientific worker 4. Elene Khosroshvili Scientific worker 5. Davit Potskhveria Scientific worker 6. Lali Bilanishvili Engineer
4	Subdirection _ “Assessment of the quality of drinking water pollution in the wells used by the residents of Kolkheti lowland and development its management mechanisms, On the background of climate change and intensive chemicalization of agriculture” Scientific Field: Nature Sciences	Goga Chakhaia - Acad. Doctor of Technical Sciences, Associate Professor Levan Tsulukidze - Acad. Doctor of Technical Sciences, Associate Professor	1. Nugzar Kvashilava Acad. Doctor of Technical Sciences, senior scientific worker 2. Tamriko Supatashvili Acad. Doctor of Technical Sciences, scientific worker. 3. Irina Khubulava Scientific worker 4. Otar Okriashvili

	Scientific Direction: 2.1.5 <i>Earth and environment sciences</i>		Lab Assistant 5. Lia Maisaia Scientific worker
5	<p>Subdirection _Preparation of legislative and normative documents relevant to the exploitation of melioration barrier and melioration systems of Georgian agricultural lands in accordance with European standards</p> <p>Scientific Field:2.4. Agricultural Sciences</p> <p>Scientific Direction:2.4.1. Agriculture, Forestry and Fisheries</p>	<p>Givi Gavardashvili – PhD of Technical Sciences, Professor</p> <p>Zurab Lobzhanidze -- Acad. Doctor of Technical Sciences, Associate Professor</p> <p>Vladimer Shurghaia - Acad. Doctor of Technical Sciences, senior scientific worker</p>	<p>1. Revaz Kiladze Acad. Doctor of Technical Sciences, senior scientific worker</p> <p>2. Vano Zakaidze Acad. Doctor of Technical, Sciences, scientific worker</p> <p>3. Lena Kekelishvili Scientific worker</p> <p>4. Khatuna Kiknadze Scientific worker</p> <p>5. Liana Purtseladze Acad. Doctor of Technical Sciences, senior scientific worker</p> <p>6. Marina Macharashvili Acad. Doctor of Technical Sciences, Engineer</p> <p>7. Tamaz Odilvadze Acad. Doctor of Technical Sciences, senior scientific worker</p> <p>8. Giorgi Kakashvili Scientific worker</p>
6	<p>Subdirection _Impact of modern technologies of irrigation and drainage and agro meteorological factors on the economic-qualitative indicator of agricultural crops</p> <p>Scientific Field:2.4. Agricultural Sciences</p> <p>Scientific Direction:2.4.1.</p>	<p>Shorena Kupreishvili - Acad. Doctor of Technical Sciences, senior scientific worker, associate professor</p> <p>Konstantine Bziava- Acad. Doctor of Technical Sciences, scientific worker, associate professor</p>	<p>1. Vakhtang Samkharadze - Acad. Doctor of Technical Sciences, senior scientific worker</p> <p>2. Paata Sichinava Doctor of of Agro-engineering, Scientific Worker</p> <p>3. Konstantine Iordanishvili Acad. Doctor of Technical Sciences, scientific worker</p> <p>4. Erekle Kechkhoshvili Senior Specialist</p>

	Agriculture, Forestry and Fisheries	Martin Vartanov -PhD of Economic Sciences, associate professor	5. Jemal Kakhadze Senior Specialist 6. Pheride Lortkipanidze Engineer 7. Maia Kikabidze Engineer 8. Otar Gagua Scientific Worker
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