

## QUESTIONNAIRE

(\*) – mandatory fields

<b>Details about organisation</b>	
<b>* Organisation name</b>	Institute of Water Management
Organisation acronym	
<b>* Organisation Activity Type (RES - Research, HE - University, SME - Small and Medium Enterprise, IND - Industry, OTH - Other)</b>	Res - research
<b>* Keywords of main research areas</b>	1. Ecological, Water – Retaining 2. Regulation of Natural Disaster
<b>* Head of organisation (first name, family name)</b>	Givi Gavardashvili
<b>* Post code</b>	0162
<b>* Country</b>	Georgia
<b>* City</b>	Tbilisi
<b>* Street, House</b>	Chavchavadze ave, 60
<b>* Telephone (+ country &amp; city codes)</b>	(99532) 22-40-94, Georgia,
<b>* Fax (+ country &amp; city codes)</b>	(99532) 227 300
<b>* E-mail</b>	<a href="mailto:givi_gava@yahoo.com">givi_gava@yahoo.com</a>

<b>* Description of organization and its research achievements for the last five years (~ 5000 signs)</b>
<p>A legal person of civil law – the Institute of Water Management – in the past, Institute of Water Management and Engineering Ecology, Georgian Acad. Sci. (<i>Saktsqalecologia</i>), and still earlier, Scientific-research Institute of Hydraulic Engineering and Reclamation – has been functioning since 1929. Since the day of its foundation, the Institute – the only one in Transcaucasia – has been engaged in research on solving problems of water economy, coastal erosion, water reservoirs and rivers, protection of the environment from natural disasters, drainage of Kolkheti, reliable functioning of the soil, forests, air, hydrotechnical structures, etc. Later scientific-research institutes of analogous purpose were set up in Azerbaijan and Armenia, which function at the present time and cooperate with our Institute.</p> <p>The Institute boasts a unique hydrotechnical laboratory – one of the largest in Europe (Fig.1); it is equipped with appropriate apparatus and pumping station with 12 motors and pump.</p> <p>The Institute owns the Arakhveti mountain meteorological station, equipped with land-reclamation mechanisms and structures for conducting research on the effectiveness of agricultural crops in respective regions and working out recommendations on the organization of agriculture, as well as for the development of recommendations on the prediction of the wash-out of the Black Sea coast and on nature protection measures.</p> <p>The Laboratory is intended to study natural disasters (high water, floods, erosion, debris flows) and to develop effective measures against them. Also, it provides determination of chemical components in water and soils and fighting against such kind of pollutions.</p>

1.

<b>Contact Information</b>
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* <b>Contact person (first name, family name)</b>	Irina Iordanishvili
* <b>Department / Laboratory</b>	Department of Water Recourses and Hydraulic Structures
* <b>Position</b>	Head of Department
* <b>Qualification and research experience</b>	Hydraulic Engineer, doctor of Technical Sciences
* <b>Post address (house, street, city, code, country)</b>	0162, Chavchavadze ave. 60; Tbilisi, (99532), Georgia
* <b>Telephone (+ country &amp; city codes)</b>	(99532) 22-40-94, Georgia
* <b>Fax (+ country &amp; city codes)</b>	(99532) 227300
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<b>International co-operation / Participation in EU RTD programmes or other bilateral / multilateral actions</b> INTAS, TACIS, TEMPUS, COST, EUREKA, other RTD programmes (please specify programme/s, project title/s and year/s)

	* Please, use "X" to indicate the scientific area/s of your potential project
CHEMISTRY	
SOCIAL AND HUMAN SCIENCES	
ECONOMIC SCIENCES	
ENGINEERING SCIENCE	X
ENVIRONMENT	X
AGRICULTURE AND FOOD	
HEALTH	
MATHEMATICS	
INFORMATION SCIENCE	
PHYSICS	
NANOTECHNOLOGIES	
ENERGY	
TRANSPORT	
SPACE	

<b>* Summary of potential research project envisaged hosting of European researcher for the period of between 1 and 2 years</b>
1. Expected from the project implementation include assessment of negative impact caused by operation of main object of water industry, and forecast of their aging process and development of recommendations to increase their stability. 2. Investigation of save Fragility and Duration of Functional Ability of the Black Sea based on the Assessment of man-made Pollution and Natural Impact.

	<b>Please, confirm your agreement on data publication and dissemination</b>
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<b>I agree with the publication of the data</b> on the web-site <a href="http://www.inco-ecca.net">http://www.inco-ecca.net</a> , and <b>dissemination</b> among Mobility National Contact Points of the EU MS and AC <b>(YES / NO)</b>	Yes
<b>Date</b>	09.12.2008

2.

	<b>Contact Information</b>
* <b>Contact person (first name, family name)</b>	Givi Gavardashvili
* <b>Department / Laboratory</b>	Director of Water Management Institute
* <b>Position</b>	Director of Water Management Institute
* <b>Qualification and research experience</b>	Hydraulic Engineer, Doctor of Technical Sciences, Professor.
* <b>Post address (house, street, city, code, country)</b>	0162, Chavchavadze ave. 60; Tbilisi, Georgia
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UP-GRADE, BS-SCENE, FP-7 (2009-2011).

	<b>* Please, use "X" to indicate the scientific area/s of your potential project</b>
CHEMISTRY	
SOCIAL AND HUMAN SCIENCES	
ECONOMIC SCIENCES	
ENGINEERING SCIENCE	X
ENVIRONMENT	X
AGRICULTURE AND FOOD	
HEALTH	
MATHEMATICS	
INFORMATION SCIENCE	
PHYSICS	
NANOTECHNOLOGIES	
ENERGY	
TRANSPORT	
SPACE	

<b>* Summary of potential research project envisaged hosting of European researcher for the period of between 1 and 2 years</b>
1. On the basis of 100 years statistical supervision it is planned to establish maximal discharge of debris flow and debris flow mass transporting on the river Duruji (East Georgia).

2. With use of the developed methodology be carried out designing new debris flow construction spring-board type.

	<b>Please, confirm your agreement on data publication and dissemination</b>
<b>I agree with the publication of the data</b> on the web-site <a href="http://www.inco-ecca.net">http://www.inco-ecca.net</a> , and <b>dissemination</b> among Mobility National Contact Points of the EU MS and AC <b>(YES / NO)</b>	Yes
<b>Date</b>	09.12.2008