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**11 December 2012 International Mountain Day**

**International Scientific and Practical Conference**

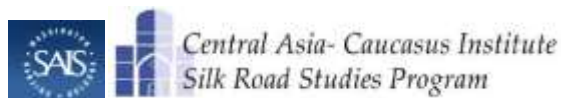
# **"Mountains and Climate"**

*Dedicated to the 10th anniversary  
of the International Year of Mountains  
proclaimed by the United Nations General Assembly*

**December 11, 2012  
Bishkek**

**ORGANIZERS AND PARTNERS:**

Ministry of Economy of the Kyrgyz Republic  
State Agency for Environmental Protection and Forestry under the Government of KR  
United Nations Development Programme in KR  
National Academy of Sciences of the KR  
National Center of Development of Mountain Regions of the KR  
International Institute of Mountains  
International University of the Kyrgyzstan



Central Asia-Caucasus Institute, Johns Hopkins University



Earth Research Center, Postdam Germany



Mountain Partnership  
Mountain Partnership



Utah Valley University Utah and International Mountain Forum



Gruppen International Music Institute



Embassy of Republic of India



National Academy of Sciences of the Kyrgyz Republic



Central-Asian Institute for Applied Geosciences



Tian Shan Policy Center



University of Central Asia



University of Zilina



Kyrgyz-Russian Slavic University



Osh Technological University

Kyrgyz State University of Construction, Transport and Architecture



Kyrgyz National University



Kyrgyz National Agrarian University



Nongovernmental organization "BIOM"



The project CAWA "Regional research network - "Water in Central Asia"



## ***Plenary session Of The Conference “Mountains and climate”***

**Participants:** Representatives of the Presidential Administration, the Government of the Kyrgyz Republic, deputies of the Parliament of the Kyrgyz Republic, representatives of ministries and departments of the Kyrgyz Republic, international organizations, experts and representatives of international and local NGOs, scholars and experts from Asia, Europe and America, faculty and students of the Kyrgyz and the US universities.

**Location:** Kyrgyzstan, Bishkek, Kyrgyz National Academy of Sciences (Small Conference Hall).

**Date:** December 11, 2012

**Registration time:** 9.00-9.30

**Moderators:** **T.Sariev** – Minister of economy KR, **S. Atadjanov** - Director of the State Agency for Environmental Protection and Forestry under the Government of the Kyrgyz Republic, Acad. of the NAS KR **A. Aidaraliev** – Chairman of the National Center for Mountain Development in the Kyrgyz Republic

### **PROGRAM OF THE PLENARY SESSION**

<b>Time</b>	<b>Session</b>	<b>Speaker</b>
9.00-9.30	Registration	
9.30-10.10	Welcoming address	<b>A. Zheenbekov</b> – Speaker of the Parliament of the Kyrgyz Republic <b>Narynbaev D.I.</b> - Acting Head of Administration of the President of the Kyrgyz Republic <b>A.Avanesov</b> - UNDP Resident Representative in the Kyrgyz Republic, Coordinator of UN in KR Acad. Of NAS KR <b>A.Erkebaev</b> - Acting President of the National Academy of Sciences <b>Thomas Hofer</b> - coordinator, Mountain Partnership Secretariat, FAO/Rome
	Video – welcoming address	
<b>First plenary Session “Role of International and National Policies in advocacy of sustainable mountain development in climate change”</b>		
<b>Time</b>	<b>Presentations</b>	<b>Speaker</b>
10.10–10.25	International Conference Rio +20 as the launch of the new possibilities of the mountainous states	<b>D.Otorbaev</b> – The First Prime Minister of the Kyrgyz Republic
10.25–10.40	Perspectives of inculcation of ‘green economy’ in KR	<b>T.Sariev</b> – Minister of economy KR

10.40-10.55	Environmental protection and climate change in the Kyrgyz Republic	<b>S. Atadjanov</b> - Director of the State Agency for Environmental Protection and Forestry under the Government of the Kyrgyz Republic
10.55-11.10	The Bishkek Mountain Platform as a program of sustainable mountain development "	<b>Acad. of the NAS KR A.Aidaraliev</b> – Chairman of the National Center for Mountain Development in the Kyrgyz Republic
11.10 – 11.30	<b>Coffee Break</b>	
<b>Second Plenary session</b> <b>“Climate change impact to mountainous countries”</b>		
11.30-11.45	Sustainable mountain development	<b>Jorgi Kinlai</b> - Representative of the Food and agriculture organization of UN (FAO) in the Kyrgyz Republic
11.45-12.00	Climate Change and Sustainable development: pluses and minuses of peace safeguarding	<b>Dr. Michael Minch</b> – Director, Peace and Justice Program, Utah Valley University
12.00 – 12.15	Central Asian Research and Education Network and environmental monitoring and “green growth” development in the region	<b>Acad. of the NAS KR, prof. Kutanov A.A.</b> – head of the laboratory, Institute of physical and technical problems and material science, NAS KR.
12.15 – 12.30	The Role of International Mountain Partnership in sustainable mountain development	<b>Elbegzaya Batjargal</b> – Regional Coordinator of the International Mountain Partnership / Mountain Forum in Central Asia
12.30 – 12.45	The National strategy of Kyrgyzstan on climate change adaptation	<b>Grebnev V.</b> – coordinator of project UNDP
12.45-13.15	Questions and comments	
13.15-14.00	<b>Lunch</b>	
<b>Third plenary session</b> <b>“ Adaptation opportunities to Climate change in Kyrgyz Republic”</b>		
14.00-14.30	Final reports of chairs of the round tables and sessions at the conferences. <b>1.</b> Round table “ Round table "Ecosystems and Climate Change" <b>2.</b> "Food Security and Land Recourse in Climate Change Conditions - Adaptation Issues". <b>3.</b> Health of Population of the Mountainous Areas in climate change conditions"	<b>Acad. of the NAS KR Toktoraliev B.A.</b> - Director of the International Institute of the mountains (IIM)  <b>Corr.Member of the NAS, Dr.Sc. Nurgaziev R.Z.</b> KR - the rector of the KNAU  <b>Prof. M.D Belov G.V.</b> Kyrgyz - Russian Slavic University
14.30–14.50	Questions and comments	

14.50-15.45	<p align="center"><b>Coffee Break and International Mountain Day 2012 Observance Event “Celebrating Mountain Life”.</b> Market Place for SMD Good practices by the MP members</p>	Mountain Partnership Secretariat decentralized hub for Central Asia, at Mountain societies research center at University of Central Asia, jointly with the FAO county office in Kyrgyz Republic and Aga Khan development network
15.45-16.20	<p>4. Round table: "The State of the Atmosphere and Climate Change in Mountainous Regions"</p> <p>5. Water Resources and natural Hazards in Mountainous Regions Due to Climate Change"</p> <p>6. Presentation "The Crisis of Mountainous States Development"</p> <p>7. Round table - Achievement of the UNEP GEF project “Sustainable Land Management in the Pamir and Pamir-Alai region. Strategy of development”</p> <p>8. Perspectives of green economy in KR (possibility of biofuel production)</p>	<p>Prof.<b>Orozaliev M.D.</b>- Director of the IIP KSUCTA.</p> <p>PhD. <b>Moldobekov B.D.</b> – Co-Director of the Central Asian Institute for Applied Geosciences</p> <p>Prof. <b>Japarov A.</b> –ex-minister of Finance of Kyrgyz Republic</p> <p>Prof. M.D., <b>Shanazarov A.S.</b> Director of the Institute of Mountain Physiology NAS of KR, <b>Shigaeva J.A.</b> PhD.</p> <p><b>Dr. Adieva A.A.</b> – head of department IUK.</p>
16.20-16.50	Questions and comments	
16.50-17.10	Developing partnership between Utah (USA) and Kyrgyzstan to promote the agenda of the United Nations on sustainable mountain development and climate change jointly	<b>Dr. Rusty Butler</b> , Associate Vice President, International Affairs and Diplomacy, Utah Valley University, USA
17.10-17.30	Adoption of a resolution Conference summary Closing ceremony	Acad. Of the NAS KR <b>A. Aidaraliev</b> – Chairman of the National Center for Mountain Development in the Kyrgyz Republic
<p>In the entrance hall of the National Academy of Sciences the following exhibitions will take place:</p> <ol style="list-style-type: none"> <li>1. Book exhibition about mountains and climate;</li> <li>2. Exhibition “<b>Celebrating Mountain Life</b>” <ol style="list-style-type: none"> <li>a) The results of NGO projects on energy conservation and efficiency</li> <li>b) Activity of Alliance of Central Asian mountain communities</li> </ol> </li> <li>3. Posters about the role of Utah Valley University in promoting regional approach for SMD-advocacy in the North America;</li> </ol>		

In 1997 The Economic and Social Council of the UN, identified the following ways for providing sustainable development to mountainous areas in its resolution 1997/45:

- Awareness raising;
- Coordination of regional and international cooperation;
- Exchange of information and experiences;
- Support for sub-regional and inter-regional agreements on the protection of mountain areas and their sustainable and equal development;
- Promotion of regional, national and international institutional systems.

During the General Assembly of the UN November 19, 1998 the resolution 53/24 was adopted, which supported the proposal of the Kyrgyz Republic for designating the year 2002 as the International Year of Mountains (IYM). The resolution further encouraged all governments, the UN and other entities “to take advantage of the International Year of Mountains in order to raise awareness [to the rest of the world] of the importance of sustainable mountain development.”

In adherence to the resolution of the UN Assembly, the Bishkek Global Mountain Summit (BGMS) was organized as the concluding event of IYM. The Summit pursued to achieve the following objectives:

1. To identify and to summarize the socio-economic, environmental, and political challenges to the sustainable development of mountainous regions;
2. To work out and to adopt the foundational document on sustainable mountain development- on the base of Bishkek Mountain Platform;
3. To launch the "International Mountain Partnership" program, announced by the Government of the Swiss Confederation at Johannesburg Summit on Sustainable Development (2002), that was envisioned to promote decisions of Bishkek Mountain Platform;
4. To initiate a celebration of the annual International Mountain Day through the accepting UN General Assembly resolution.

After the conclusion of the International Year of Mountains, another UN resolution (A/RES/57/245) was adopted during the General Assembly on January 30, 2003, that recognized the final documents of the Bishkek Global Mountain Summit, and The Bishkek Mountain Platform, in particular.

Paragraph 2 of the resolution says that: “[We welcome] the success achieved during the International Year of Mountains, during which numerous activities and initiatives were undertaken at all levels, ...that catalyzed a strengthened interest for sustainable development and poverty eradication in mountain regions.”

Paragraph 9 of the resolution says that: “Encourages all relevant entities of the United Nations system, within their respective mandates, to continue their constructive

collaboration in the context of the follow-up to the International Year of Mountains, consistent with the mandates specified in the Bishkek Mountain Platform;”

This means that the UN General Assembly positively evaluated the results of the International Year of Mountains and the Bishkek Global Mountain Summit.

In the preparation and celebration of the International Year of Mountains and the Bishkek Global Mountain Summit, the international community has provided and continues to provide all possible assistance to developing and vulnerable mountain nations. However, these countries continue to be centers of social and economic stress, especially taking into account recent threats and challenges, such as climate change. There remains an urgent need to re-focus on the international community on the urgent socio-economic problems of isolated mountainous regions in order to further development and conceptually sound, global approach and identify solutions to these new global threats.

A whole series of special events were held throughout the International Year of Mountains in different countries across the world such as Nepal, Peru, Germany, Morocco, France, China, and Japan, among others. The Bishkek Global Mountain Summit was held from October 28 – November 1, 2002, acting as the concluding event of that year. As a result of these events and conferences were held throughout the year, the UN General Assembly adopted the resolution proclaiming in December 11 as “The International Mountain Day”.

In honor of the 10th anniversary of the International Year of Mountains and the Bishkek Global Mountain Summit, **and as a follow-up event to the U.N. conference on sustainable development (RIO+20) in Brazil in June, 2012**, a number of conferences, round tables, and workshops are planned from October till December 2012. The concluding event, the International Scientific and Practical Conference: "Mountains and Climate," will be held on December 11, 2012. The following table provides the information on each of the scheduled events.

**Program of the selected events in Central Asia dedicated to the 10th  
Anniversary of IYM**

	<b>Session</b>	<b>Moderator</b>
<b>October 2012</b>		
<b>October 5</b> Dushanbe, Tajikistan	Regional Meeting for the International Mountain Partnership members (Central Asia - Russia)	Uzbekova A. – PR Specialist, International Mountain Partnership (University of Central Asia) <a href="mailto:alma.uzbekova@ucentralasia.org">alma.uzbekova@ucentralasia.org</a>
<b>October 23</b> Bishkek, Business center “Asia Trade”	Round Table: "The Integrated Financial Strategy for the Water Sector Development in the Kyrgyz Republic"	Apasov R. - UNDP National Consultant <a href="mailto:r.apasov@up.elcat.kg">r.apasov@up.elcat.kg</a>
<b>November 2012</b>		
<b>November 1-2</b> Bishkek, State Agency for Environmental Protection and Forestry conference hall	Workshop : "National Report on the Framework Convention on Climate Change"	Abaihanova Z. - Director of NGO "Center on Climate Change" <a href="mailto:climate.kg@gmail.com">climate.kg@gmail.com</a>
<b>November 6-7</b> Alma-Ata, Kazakhstan	Round Table: "Regional Conference on Integrated Water Resources Management in Central Asia"	Alekseev N. – UNDP Regional Manager
<b>November 20</b> Bishkek, Park Hotel	Workshop: "National Water Dialogue"	Tashtanaliev K. - General Director of the Department of Water Industry and Reclamation of the Ministry of Agriculture of the Kyrgyz Republic
<b>November 20</b> Bishkek, Kyrgyz National University LLH, Kyrgyz State University Construction, Transport and Architecture LLH	Round table: "The State of the Atmosphere and Climate Change in Mountainous Regions"	Prof.Orozaliev M.D.- Director of the IIP KSUCTA, Scientific Director of the research station "Issyk-Kul" KNU <a href="mailto:omdi@mail.kg">omdi@mail.kg</a>
<b>November 23</b> Bishkek, International University of Kyrgyzstan Meeting room	Presentation : "The Crisis of Mountainous States Development"	Acad. of the NAS KR - Aidaraliev A. - International University of Kyrgyzstan (IUK), Dr. Sc. Japarov A. <a href="mailto:iuk@elcat.kg">iuk@elcat.kg</a>
<b>November 24 - 25</b> Batken oblast, Batken	Workshop : on "Enhancing the Capacity of Local Water Communities to Adapt to Climate Change"	Apasov R. - UNDP National Consultant, <a href="mailto:r.apasov@up.elcat.kg">r.apasov@up.elcat.kg</a>
<b>November 29</b> Bishkek, Kyrgyz Russian Slavic University LLH	Presentation: "Health of Population of the Mountainous Areas in Climate Change Conditions"	Prof. M.D Belov G.V. Kyrgyz - Russian Slavic University Prof. M.D., Shanazarov A.S. Director of the Institute of



		Mountain Physiology, National Academy of Sciences of KR <a href="mailto:bagdan1954@mail.ru">bagdan1954@mail.ru</a>
<b>November 30</b> Bishkek, National Agrarian University	Presentation: on "Food Security and Land Recourse in Climate Change Conditions - Issues of Adaptation" (LLH, KNAU).	Corr. Member of the NAS, Dr.Sc. Nurgaziev R.Z. KR - rector of the KNAU Michelle Leighton - Deputy Director of the Tian Shan Policy Center, American University of Central Asia Asanaliev A. - <a href="mailto:asanaly61@mail.ru">asanaly61@mail.ru</a>
<b>December 2012</b>		
<b>December 6</b> Meeting room IUK	Round table : "Perspectives" of Green Economy "in the Kyrgyz Republic (the possibility of the production of biofuels)"	Acad. of the NAS KR Aidaraliev A. - International University of Kyrgyzstan (IUK), <a href="mailto:iuk@elcat.kg">iuk@elcat.kg</a>
<b>December 8</b> Osh, Osh Technological University LLH	International Conference: "Conflict and Peace in Mountain Regions"	Dr. Michael Minch, Director, Peace and Justice Program, Utah Valley University, USA Dr. Baktybek Abdrisaev- Distinguished visiting professor, Utah Valley University Prof. Dr.S., Shamshiev B.N. – Vice-Rector of the Osh Technological University (OshTU) Abdrisaev B. - <a href="mailto:abdrisaev05@yahoo.com">abdrisaev05@yahoo.com</a>
<b>December 8</b> International University of Kyrgyzstan Meeting room	Students Presentations : "Youth and Sustainable Mountain Development"	John McClure, President, Utah International Mountain Forum, Utah Valley University , USA; Dallin Kauffman, Vice-President, Utah International Mountain Forum, Utah Valley University , USA; Greg Haddock, member, Peace and Justice Program, Utah Valley University , USA; Shcheglov Andrew - 4th year student of the IUK; <a href="mailto:andriusik1@mail.ru">andriusik1@mail.ru</a> , <a href="mailto:drpadiukov@yahoo.com">drpadiukov@yahoo.com</a> , <a href="mailto:Jctmcclure3000@yahoo.com">Jctmcclure3000@yahoo.com</a> , <a href="mailto:dallinkauffman@gmail.com">dallinkauffman@gmail.com</a> <a href="mailto:gmhaddock@yahoo.com">gmhaddock@yahoo.com</a>
<b>December 10</b> Bishkek, Kyrgyz National Academy of Sciences large conference room	Round table : "Water Resources and natural Hazards in Mountainous Regions Due to Climate Change"	PhD. Moldobekov B.D. - Co-Director of the Central Asian Institute for Applied Geosciences Joldubaeva Lira - e-mail: <a href="mailto:l.joldubaeva@caiag.kg">l.joldubaeva@caiag.kg</a>
<b>December 10</b> Bishkek, Small Conference - Room National Academy of Sciences	Round table: "Ecosystems and Climate Change"	Acad. of the NAS KR Toktoraliev B.A. - Director of the International Institute of the mountains (IIM) Dr. Khudaibergenova B.M. – vice-president IUK e-mail: <a href="mailto:toktoraliev@inbox.ru">toktoraliev@inbox.ru</a> , <a href="mailto:national_center_kg@yahoo.com">national_center_kg@yahoo.com</a>
<b>December 10</b>	Round Table: "Role of the NGO in Sustainable Development of	PhD.Korotenko V. – director (NGO "BIOM")

<p>Bishkek, Small Conference - Room National Academy of Sciences</p>	<p>Mountainous Regions under climate change”</p>	<p>Abdrasulova N. – director (NGO “Unison”)  <a href="mailto:vladk77@gmail.com">vladk77@gmail.com</a>,  <a href="mailto:nurzat@unison.kg">nurzat@unison.kg</a></p>
<p><b>December 10</b>  International University of Kyrgyzstan  Meeting room- 100</p>	<p>Conference-Round Table: “Central Asia-Rocky Mountains: Regional Approach for the Promotion of Sustainable Mountain Development (SMD)”</p>	<p>Dr. Asylbek Aidaraliev – President, International University of Kyrgyzstan  Dr. Rusty Butler, Associate Vice President, International Affairs and Diplomacy, Utah Valley University, USA  Dr. Baktybek Abdrisaev- Distinguished visiting professor, Utah Valley University, USA</p>