

# **SYNTHESIS & FINAL REPORT**

### INTRODUCTION

### **Background**

Central Asia covers some 4 million km<sup>2</sup> with a population of around 45 million people. Physical and geographical conditions in this region vary greatly, and in many parts of Central Asia intensive human activities have resulted in meso-scale change of climate and ecosystems. A well-known example is the large-scale ecological disaster in the vicinity of the Aral Sea, which was once the fourth-largest inland body of water on Earth now on the verge of extinction as a result of the sea drying.

Everywhere in the region, the causes or and responses to global change are superimposed on natural variability. Recognizing that resource management decisions may have strong direct as well as indirect impacts, positive or negative, on the region's environment and prospects for sustainable development, development programmes on a case by case basis need to assess the role of each of these factors and understand the potential impact of measures that modify human activities on ecosystems. For example, water availability, as in all the drylands of the world, is one of the major problems in the Central Asia region. Interruption, decrease or mismanagement of water supplies can lead to national and transboundary security problems in the region. Consequently, there is a need to improve the understanding of the complex interactions and impacts of global and regional environmental changes on ecosystems and human activities in the Central Asia region. This knowledge will help guide decision-making processes geared toward regional sustainable development.

Many studies have already been made, but these need to be collated and analysed in an integrated manner. Thus, an interdisciplinary co-operative regional research agenda needs to be developed, relying on existing knowledge (contemporary and traditional), and one that addresses sustainable development and environmental management goals.

# Organization and sponsorship

- Asia-Pacific Network for Global Change Research (APN)
- Global change SysTem for Analysis, Research, and Training (START)
- MEDIAS-France
- UNDP/Government of Uzbekistan Environment Programme (Atrof Muhit)
- State Committee for Nature Protection of the Republic of Uzbekistan

# Goals and objectives of the Workshop

- To raise awareness of the APN and opportunities that heightened awareness presents for regional collaboration in research, the application of that research, and capacity building;
- To raise awareness on the programmes and activities of the ICSU-related global change science programmes (START and its co-sponsors IGBP, WCRP, IHDP and DIVERSITAS), and identifying existing linkages as well as explore potential linkages to the scientific community of Central Asia;
- To identify and review the status of global change activities in Central Asia, and identify priority knowledge gaps that may serve as the basis of future research and capacity building activities in the region;
- To summarize the understanding of the complex mechanisms of interaction between global environmental change and its impacts on ecosystems and human society in the Central Asia region;
- To discuss future directions for global change studies in the Central Asia region and help define priorities;
- To help define a relevant regional agenda focused on global environmental change issues;
- To identify potential funding sources for future projects,
- To encourage regional networking; international cooperation and close linkages with APN, MEDIAS-France, international scientific organizations, START and its four co-sponsors (IGBP, WCRP, IHDP and DIVERSITAS).

### Programme overview.

**An opening ceremony,** chaired by Dr Martin Rice (APN), was dedicated to the presentation of some key international actors and their actual and planned activities in Central Asia:

- Martin Rice presented APN,
- Dennis Ojima presented START on behalf of its Director who could not come,
- Antoine Sempere represented a ten years revue of INTAS regional initiatives in the fields of climate change and environment,
- Gérard Begni presented the current initiatives and possible strategies to build up a dedicated regional network,
- Iain Muse presented the ARALNET cluster aimed at facilitating a common ground of methodology.

**The first session** was dedicated to Climate change and was chaired by Dr Svetlana Nikulina (Atrof Muhit - UNDP/Government of Uzbekistan Environment Programme).

**The second session** was dedicated to Land use, regional ecosystems and biodiversity and was chaired by Dr. Dennis Ojima (Colorado State University/IGBP, USA)

**The third session** was dedicated to Air pollution and atmospheric composition change and was chaired by Pr. Evgueni Gordov (SCERT, Russia)

**The fourth session** was dedicated to Water resources, quantity and quality and was chaired by Pr. Victor Dukhovny (Scientific Information Centre of Interstate Coordination Water Commission, Uzbekistan).

**An Overall Discussion and Summarizing session** was chaired by Dr. Gérard Begni (MEDIAS-France). It was organized in two parts.

- During the first part, four breakout groups were organized, corresponding to the themes of the four sessions, and bringing together the presenters of the session under the presidency of the session chairperson. Hey were asked to draw conclusions and recommendations under a common framework previously presented and circulated see Annex 1).
- During the second part, each chair person (or a representative person) presented the conclusion and recommendations of the breakout group. A general discussion followed. The chairman presented some preliminary conclusions and recommendations that appeared him to emerge from the discussions and recommendations of the breakout groups, to be further elaborated in the present document.

So, the forthcoming four chapters will present the thematic synthesis, while the last chapter will present the tentative synthesis than can be drawn up from these approaches and from the debates of the last session. It should be kept in mind that interdisciplinary synthesis is always a work in progress. The most important outcome of the workshop is that the regional scientists could get an overarching vision of the intricate issues raised by regional sustainable development and be convinced that both an interdisciplinary approach was mandatory to bring a sound scientific answer to the questions raised.

### **Attendance**

60 outstanding specialists and programme managers in the relevant fields were registered. The list can be found in Annex 3. A few number of them could not attend, or partially attended, for administrative reasons or professional constraints. The audience to each session can be evaluated to some 40 to 50 people. The sessions were quite alive. Attendance raised a lot of questions, evidencing various opinions and approaches of the important issues under discussion, and above all the fact that these questions raised severe concerns for them. Most often, the chairpersons were obliged to go ahead and suggest to use coffee breaks or other opportunities to deepen the questions raised.

Participants expressed their warm congratulations and thanks to Dr. Svetlana Nikulina and all the staff that worked with her for all their efforts in organizing that international workshop – the first one of its kind – and make it and outstandingly successful international event.

### **SESSION 1: CLIMATE CHANGE**

### Importance of the theme

It is known that global climate change impacts on the regional climate system, namely:

- Water recourses formation and use,
- Increase of aridification in plain part of the region,
- Extension of desertification and land degradation processes,
- Agro-climatic conditions (both positive and negative),
- Ecosystems,
- Frequency and intensity of natural disasters,
- Human health and diseases, Human thermal stress, Socio-economical sectors (indirectly due to food reduction, water quantity and quality etc.).

### State of the art to-day

All countries of the region are Parties of the UNFCCC and fulfil their obligations under this Convention along with the following frameworks:

- Climate change studies are conducted in each country.
- Initial National Communications and Action Plans are issued,
- Preliminary climate change scenarios are constructed in each country with different approaches.

### Gaps to be filled

- The global change is superposed to meso-scale change due to human activities so it is necessary to try to separate the global change signals and local anthropogenic ones.
- In spite of all effort of scientists and studies done it is still necessary to reduce regional climate scenarios uncertainties, especially for precipitation.
- There is a rather big difference between the input results of different groups of climate change researchers from the various countries of the region, so the methodology and inputs should be unified to avoid a large discrepancy in the most possible regional climate change scenarios.
- The climate change research is greatly advantaged when compared to climate impact studies. So, climate impact studies should be methodologically extended. For example leading impact studies in agriculture could be beneficial to introduce the modern crop-models.
- There are a lot of research projects on particular issues; these projects should be combined into one regional multidisciplinary project that could study the system as a whole including climate, ecosystems, social issues etc.
- There is a lack of specialists, especially young ones;
- Databases are disembodied.

### Recommendations

An integrated assessment of climate change impact in the socio-economical sectors, nature resources and ecosystems should be led. To conduct such as assessment, the following actions should be led.

- 1. Regional climate scenarios should be revised in accordance with new GCM data provided by IPCC and extended and detailed both on spatial and time scales. For this purpose different approaches could be used including statistical downscaling and regional climate modelling.
- 2. Impact models should be either developed or existing ones adapted to regional specific features. Socio-economical scenarios could be used as inputs of the models.
- 3. Studies of climate change impacts on the desertification and land degradation should be led.
- 4. Regional climate databases should be improved.
- 5. A regional climate information system including GIS and web-portal should be created.
- 6. Training for different groups of scientists (climatologists, hydrologists, social scientists, environment scientists, etc.) should be led.

# SESSION 2 - LAND USE, REGIONAL ECOSYSTEMS AND BIODIVERSITY

### Importance of the theme

- The richness of ecosystem types over the Central Asian Region should be duly acknowledged.
- The long-term human occupation within the region cannot be ignored relative to past transformations and current land use.

### State of the art to-day

The current knowledge of land status is well known, though consistent reporting of the data needs additional effort.

The goal of the planned activity or projects should be:

- To develop an interdisciplinary framework for "Synthesis of Ecosystem, Land Use, and Biodiversity of main landscapes associated with mountains, deserts and grasslands, irrigated croplands, and dry sea-beds,
- To set up and implement an information transfer strategy for multidisciplinary communication and to inform decision makers and resource managers at various levels.

## Gaps to be filled

The perceived main gaps include:

- To set up an interdisciplinary network of scientists (social science to physical scientists),
- To develop connections with rural development groups,
- To unify data exchange and data collections (transparency, understandability and intercomparability),
- To set up a monitoring network,
- To develop a synthesis methodology.

### Recommendations

It is proposed to develop a regional interdisciplinary research network to provide an analysis of current land status of ecosystems (relative to land productivity and other ecosystem services) in mountains, deserts and grasslands, irrigated transformed lands, and dry seabed of desiccated water bodies.

The expected outcomes are:

- Current status of ecosystem of the Central Asia,
- Further the understanding of factors leading to land degradation,
- Strategies for sustainable land use,
- Communications strategies that link scientists and decision makers more effectively.

### **SESSION 3: AIR POLLUTION & ATMOSPHERIC COMPOSITION CHANGE**

### Importance of the theme

Being one of pollutant transporters atmosphere predetermines ecology situation in the region. Air quality directly effects on population health. Atmospheric composition change is of reasons for Global Change and its regional composition is not only a regional concern. Aerosol transport is directly correlated with desertification. Atmospheric transport of sand and salt (including sand motion caused by wind) can spoil soil quality and is important for the region and its habitants. At the same time it changes regional radiation balance through atmosphere optical properties.

It should be mentioned that both anthropogenic and natural pollutions are mixed together in the regional atmosphere, which might produce unpredictable consequences due to synergism.

### State of the art to-day

The number of operations in the region and the associated cities air quality posts is diminishing. Control of industrial and transport input into pollution of atmosphere is weak. Lack of reliable data on air composition in the Aral Sea area (especially at its dry sea bed) makes the overall situation unknown. It should be added that greenhouse gases concentrations are measured at the Issyk Kul station only. There is no contemporary IT supports for regional environmental data accumulation and exchange.

At the same time remote sensing data are successfully used in dust storms modelling efforts.

### The needs in refined scientific results arises from:

- Known correlation linking chemical composition and air quality to population health and food quality (via agriculture chain);
- Observed diminution of the ozone layer above the region and increasing UV radiation level in mountain regions;
- Observed influence of dust storms on agriculture and population health, and
- Necessity of regional environment monitoring, especially for former Aral Sea bottom and mountain glaciers.

### The needs in multidisciplinary cooperation arises from:

Specificities of regional environmental problems, in which Atmospheric Physics and Chemistry, Information Technologies, Environmental and Social Sciences phenomena should be understood and addressed. The following linked phenomena only open a list of those: Atmospheric composition and environment state; Atmospheric composition, Agriculture, Land use, Water resources and population health; Air quality and desertification; Air composition/quality and Global Change.

### Gaps to be filled

The needs in refined scientific results and in multidisciplinary cooperation arise from the state of the art as described above, which suggests how to go further by analysing and understanding the chains and processes underlying the observed phenomena.

Among others, this implies to have a sufficient number of relevant of monitoring stations and operations. These elements must be brought together into a standardized comprehensive regional environment monitoring network.

It also implies to take into account existing skills within a comprehensive and standardized approach, to integrated regional study (IRS as defined by IGBP) of Central Asia, which enters as a part to planned IRS on Northern Eurasia.

The collected results and the outcomes of past, ongoing and future research have to be friendly accessible via Internet through a regional environment information infrastructure as an open regional environment information resource.

Educational and training activities have to be developed.

### Recommendations

Major instruments to be used here are thematic regional networks and cooperative RTD projects involving national research groups and their abroad partners and funded mainly by relevant International Agencies and Programs, like UN, START, INTAS, APN, EC FP6, etc. While composing Consortiums to lead such projects, the scientific skill of Russian research organizations that worked earlier in cooperation with regional actors in area of regional environment should be taken into account. These projects should be arranged as steps to integrated regional study of Central Asia which enters as a part to planned IRS on Northern Eurasia, as quoted above.

The first set of such projects should include:

- Development of regional environment information infrastructure via Internet as an open regional environment information resource (here results of INTAS project ATMOS and the MEDIAS network expertise should be taken into account);
- Development of comprehensive regional environment monitoring network for air quality/composition observations (special attention to the former Aral Sea bed should be paid);
- Study of chain: Agriculture, soil degradation and interrelations with air quality, greenhouse gases production, ozone depletion and carbon cycle;
- Study of chain: Polluted atmosphere, agriculture, crops and food quality;
- Detailed instrumental observations via local measurements and satellite remote sensing of Aral Sea basin and relevant modelling aimed at determination of its landscape dynamics and its properties as a source of salt and sand. It should lead to prognoses of its dynamics and understanding its influence on regional environment, population health and economic stability.
- Also one Demonstration Project is recommended for implementation: Development of Demonstrator of mitigation of negative consequences of the Aral Sea degradation and reversing them to tomorrow positives by means of development of cultured productive artificial landscapes. Such approach should be also considered as a way to diminish salt-sand storms in the region.
- It should be added that the listed above activity should be supported with relevant Networking and educational/training activities.

# **SESSION IV: WATER RESOURCES, QUALITY AND QUANTITY**

### Importance of the theme

Sustainable development of the country demands rational use of limited fresh water resources. However, it cannot be used rationally if amount and location of freshwater resources are unknown, as well as their possible unsteadiness in the near future.

Decision making on use of water resources is a challenging process and there is essential need for integrated multidisciplinary approach. Food manufacturing, industry, domestic needs, and production of hydro-energy and protection of ecosystems generate demand for water. And this demand is constantly increasing to satisfy the necessities of growing population and raising living standards. In its turn water industry and other key industries of the economy making high demands of hydrological science, especially, hydrological forecast.

When speaking about present and future state of water resources of the region, importance of objective and realistic evaluation of water resources of the Aral Sea basin should be kept in mind.

### State of the art to-day

Water resources issues are a touchy problem. It should be acknowledged that they are a matter of national sovereignty, since in countries of Central Asia monitoring and managing water resources is a n essential tool for economic planning and development. On that respect, each country has developed, or has inherited from the USSR period, monitoring tools and is developing proper modelling according to national needs, policies and priorities. Due to economic reasons and priorities, national networks of monitoring stations are facing poor maintenance, upgrading and development. As stated above, models to forecast resources and define their optimal use have been defined on a national basis. Nevertheless, it should be acknowledged that such an approach should be complemented by a regional approach, since both water forecast and global water consumption has transboundary, regional aspects and teleconnections to more global aspects such as global change. Such a concerted scientific regional approach does not exist so far.

### Gaps to be filled

From a general point of view, as underlined above, national approaches should be complemented, made homogeneous as needs arise, and synthesised into by a regional approach, taking into account the fact that both water forecast and global water consumption has transboundary, regional aspects and teleconnections to more global aspects such as global change.

Solving the problems of water resources evaluation is connected with the availability and accessibility of information, its scaling and integrating data obtained from different sources into unified database. Thus it is necessary to pay essential attention to hydro meteorological monitoring, which is the system of tracking hydrological regime components. It includes monitoring the regime of water bodies, data processing, statistical and physical analyses, integration and assessment of information, as well as delivering forecast information and recommendation on data use.

Reduction of measuring stations, especially on mountain regions, severely cut down the possibility of obtaining qualitative information. Despite the administrative state boundaries it is very vital to monitor mountain glaciations and snow covers in zones where water flow forms. As a consequence, it is quite necessary to turn back the declining process of diminishing observation systems of the countries and at this point it is important to attract attentions of donors and international organisations.

Today we should take into account the fact that global warming will further contribute to increase the cases of extreme weather conditions, i.e. drought periods, high summer temperatures and changing the regime of water formation that may eventually cause additional negative impacts in Aral Sea basin.

Therefore, it is essential to develop and improve the regional hydrological monitoring system. Module *combination* of climatic, environmental, demographical, economy and other processes, which should have reliable information basis, serves as the vital instrument for the assessment of state of water resources in the region.

### Recommendations

A proper research plan has to be defined and implemented, bringing together local, national and regional aspects into a coherent and concerted approach. Such a plan should include the following aspects.

- 1. Enhancement system of environmental monitoring;
  - Enhancement system of monitoring of snow-ice resources of the region;
  - Development of unified monitoring programme of trans-boundary water quality in the Aral sea basin:
  - Monitoring of desertification and drought.
- 2. Establishment of Regional database on water resources of Aral Sea basin designed for forecasting water flow.
- 3. Study the trends that resulting in hydrological droughts in the region and establishing early warning systems for rational use of water resources.
- 4. Development of regional models of climate change and assessment of global change impacts on state of water resources in Aral Sea basin.
- 5. Methodology on water quality management on basin level.
- 6. Development and utilisation of new technologies in irrigated agriculture.
- 7. Publish popular literatures for NGOs and public on problems of water use and ways to solve the problems.

### OVERALL CONCLUSIONS AND RECOMMENDATIONS

# Taking advantage of the workshop and previous work.

A huge amount of previous work has been undertaken so far. First of all, research and monitoring stations have been developed and implemented during the USSR times. The theoretical and practical outcomes of these works and investments have to be taken into due account, maintained and upgraded, integrated into modern networks of knowledge, information and regional monitoring systems.

The same applies to all research and system implementation work that has been developed on a national basis after the collapse of the USSR. Now, a regional way of thinking has to be merged with work linked to national priorities and concerns and, whenever possible, interact with them in terms of standardized and co-ordinated programmes, normalized monitoring tools and datasets, friendly access to public regional information.

The results of programmes led in bilateral or multilateral co-operation have to be taken into due consideration and feed the forthcoming regional research programmes. For instance, the results and conclusions of the INTAS regional programmes have to be drawn up and taken into account in any forthcoming research programme. Former scientific links with Russia have to be nurtured.

The work of the nucleus regional network has also to be taken into account. In particular, this small network is at the origin of the present workshop, due to the pioneering efforts of Dr. Svetlana Nikulina. The network also had a preliminary contact with the LUCC International Project office, which made quite precious suggestions and recommendations to develop it and have it endorsed at an international level. It was suggested to have an overarching scheme to organize the regional studies, putting water issues at the heart of a flowchart taking into account the major physical and socioeconomic regional issues in an overarching conceptual way. This overarching flowchart (presented by Dr. Gérard Begni during the opening ceremony) can of course be used to derive more specific flowcharts related to any disciplinary issue.

The workshop has been instrumental in identifying the state of the art, the gaps to be filled, and recommendations to go ahead in the main relevant disciplines. So, it also allowed drawing preliminary conclusions and recommendations at regional and interdisciplinary levels, an approach poorly addressed so far by global change and environmental local scientists. Efforts and initiatives to implement the recommendations issued by the workshop have to be implemented **now** in order to go forward in that way.

### A synthesis of main gaps to be filled

A specific attention has to be paid to the gaps identified in he four thematic sessions above. This paragraph is an attempt to draw up common features and an interdisciplinary synthesis

In any discipline considered, it is obvious that the **regional scale** is poorly addressed, to say the least. The same applies to monitoring systems and access to public information systems through open Internet interface. Moving forward into that direction implies first a political awareness at regional level (which requires some 'lobbying' and outreach activities from scientific national and organizations and donors), and a technical job to actually define and implement proper regional scientific programs. This requires in particular defining and implementing compatible and intercomparable measurements methods and the associated data exchange formats.

Reduction of measuring stations and monitoring systems in several key disciplines is indeed an actual and severe concern. Once again, a concerted regional approach can help defining an optimal way to maintain, upgrade and develop that system to the benefit of national and regional interests.

In particular, upscaling and downscaling techniques have to be developed in order to link the various scales to be taken into consideration, including teleconnections.

### A synthesis of disciplinary and interdisciplinary recommendations

Beyond specific recommendations developed above, the following recommendations have to be made.

After the collapse of the USSR, no political and financial authority exists at the regional scale. This has some major implications when compared to other regions all around the world:

- The scientists have to decide by themselves to work together and set up relevant regional networks, which can be both disciplinary and interdisciplinary. Some examples of such networks have been quoted above. They should operate within an overarching regional environmental network. They have to be co-ordinated at the regional scale, not from outside.
- Attention must be paid to all the important actors, in particular NGO's, socio-economic stakeholders at all levels including rural development groups.
- They must have a visible support and endorsement from such international intergovernmental and scientific authorities as APN and START, and from some associations as INTAS.
- In particular, sponsoring and funding agencies should openly encourage regional cooperation and emphasise it in their guidelines.
- A way should be found to define an outreach policy in order to draw the attention of national managers and policy makers on the interest to work at the regional level and to take into account scientific findings that could result from such a regional approach. They have to be convinced that this is by far the best way to save investment funding and consolidate sustainable development perspectives.

Access to data and information is quite crucial in order to lead research at the regional scale. Several points have to be underlined:

- In many regions, the meteorological, climatic and environmental observing and monitoring systems are suffering from degradation in quality and quantity. Several international organizations (WMO, GTOS) are aware of that bad worldwide situation. Nevertheless, the specific situation that prevails in central Asia makes it a quite critical 'hotspot' in that domain. A part of the above recommended outreach effort should be devoted to that issue. In addition, these systems should be made complementary, compatible and networked at the regional level.
- Some information can have a strategic value at a national level, so the governments may want to keep it secret. This hindering factor exists in every region. Nevertheless, it must not be overstated. A lot of environmental information can be made available and serve national interests on the medium and long run. So, at least information publicly available at the scientific and administrative levels should be made easily accessible at the regional level.
- To implement the above recommendation, it would be quite wise to identify the relevant datasets, put them into standardized formats, reference them through metadatabases and make them accessible through an Internet portal.

Beyond such recommendations related to infrastructure and outreach to policy makers, some specific scientific skills have to be developed in order to lead the proper research work:

- Climatic upscaling and downscaling techniques have to be developed on a consensual regional basis and wisely used by all scientists that have needs in that domain,
- Attention should be drawn on impacts of climate change, which has an influence in many disciplines
- In order to make coherent projections, coherent regional scenarios have to be discussed, scientifically endorsed and used by researchers. Such scenarios should be derived from the IPCC scenarios applied to specific regional features. They should be used and presented in a transparent way, especially to policy makers.
- Relevant interdisciplinary techniques have to be developed in order to address coupled phenomena into Integrated Regional Studies (IRS) within the Northern Eurasia context.
- The coupled use of such tools as remote sensing and outputs of *in situ* observation and monitoring systems (see above) thanks to proper assimilation techniques has to be developed.

Education and training of young regional specialists is a quite mandatory step to implement a regional sustainability science.

# **ANNEX 1**

### PROGAMME OF THE LAST SESSION

### "OVERALL DISCUSSION AND SUMMARIZING"

### 1 - Organize breakout groups.

Each breakout group will be made of the speakers of each of the fours sections, under the coordination of the chairperson.

The breakout group should prepare two to three pages presenting:

- The importance of the theme for environment restoration and sustainable development in Central Asia (very short statement),
- The state-of-art to-day,
- The needs for scientific results on the short and medium-term,
- As a consequence, the gaps to be filled,
- Recommendations bout how to fill these gaps (research topics, organisation....)

### 2 - Synthesis of breakout groups - Interdisciplinary vision.

- Each breakout group will present his conclusions (10 min),
- Briefly address questions and recommendations about each theme,
- Address questions and recommendations about a multidisciplinary 'systemic' vision,
- What overarching interdisciplinary results on the short and medium term are needed?
- As a consequence, which gaps have to be filled in that perspective?
- Recommendations bout how to fill these gaps (research topics, organisation....)

### 3 - Forthcoming synthesis.

Within one week, Gérard Begni will issue a synthetic report bringing together:

- The conclusions and recommendations of the four breakout groups (using the material delivered by the four chairpersons),
- The conclusions and recommendations of the interdisciplinary synthesis.

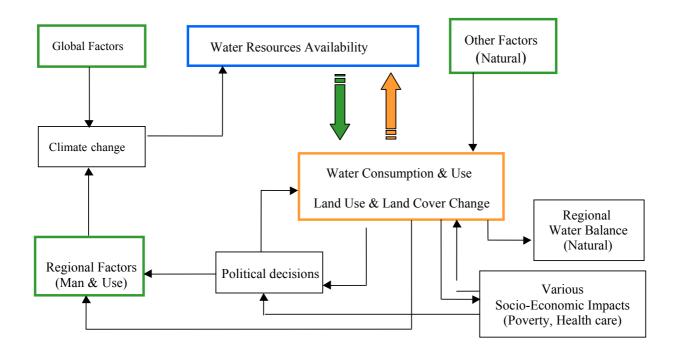
He will circulate it to the chairpersons and the organizers, who will send their comments in order to issue a final version

### 4 - Outreach.

That version will be sent to organizers and sponsors, who should implement it on their websites and above all take it into account in their short and medium term programmes.

# **ANNEX 2**

# PROPOSED OVERARCHING FLOWCHART DEFINED BY THE CENTRAL ASIA CORE NETWORK AND CENTERED AROUND THE WATER ISSUES



A vision of the main themes and related interactions

# **ANNEX 3 - LIST OF PARTICIPANTS**

№	Name\Country	Organization	Address
1.	Mr. Martin Rice\ Japan	APN Program Manager Asia-Pacific Network for Global Change Research IHD Centre Bldg. 5F, 1-5-1 T.81 782308017	Wakinohama Kaigan Dori Chuo-Ku, Kobe, 651-0073, JAPAN Tel: +81-78-230-8017 Fax: +81-78-230-8018 E-mail: mrice@apn.gr.jp
2.	Dr. Michael Glantz\ USA	Senior Scientist, NCAR, Climate-Society Interactions	P.O. Box 3000 Boulder, Colorado 80307 USA Phone: (1-303) 497 8119 Fax: (1-303) 497 8125 glantz@ucar.edu
3.	Dr. Dennis Ojima\ USA	Senior Research Scientist, Colorado State University	B229 Natural and Environmental Sciences Bldg. Fort Collins, Colorado 80523-1499, USA Phone: 970 491 1976 Fax: 970 491 1965 E-mail: dennis@nrel.colostate.edu
4	Dr. Gerard Begni\ France	Manager, MEDIAS-France	CNES – Bpi 2102, 18 avenue Edouard-Belin 31401 Toulouse cedex 4, France Phone: 33 561 273182 Fax: 33 561 282905 E-mail: begni@medias.cnes.fr
5	Prof. Monique Mainguet \ France	Chief of Department, IUF, Laboratoire de Géographie Zonale	57, rue Pierre Taittinger – 51100 REIMS – France Phone: 33 326 053707 Fax: 33 326 053646 E-mail: monique.mainguet@univ- reims.fr
6	Dr. Antoine Sempere\ Belgium	Coordinator of Component INTAS	58/8 avenue des Arts – B – 1000 Brussels-Belgium Tel.: 32 2 549 01 31 Fax: 32 2 549 01 56 Antoine.Sempere@intas.be
7.	Dr. Iain Muse\ Belgium	Coordinator, EMonument	Goedmoedstraat 18 8310 Assebroek, Brugge Belgium Phone: 0032476670781 FAX: 003250675475 iain.muse@pandora.be
8.	Dr. Jochen Froebrich\ Germany	Senior Scientist, University of Hannover	Am Kleinen Felde 30, D-30167, Hannover, Germany jofr@fggm.uni-hannover.de

٥	Dr. Igor Zonn\Bussia	Chief,	Magaayy Puggia
9.	Dr. Igor Zonn\Russia	Engineering Research Center on Water Management	Moscow, Russia <u>igorzonn@mtu-net.ru</u>
10.	Prof. E. Gordov\Russia	Director of Siberian Center for Environmental Research & Training	Akademicheskii Ave. 10/3, Tomsk, 634005, Russia Tel: 7 3822 492187 Fax: 7 3822 492537 E-mail: gordov@scert.ru
11	Prof. Victor I. Kuzin\Russia	Chief of Department, Institute of Computational Mathematics and Mathematical Geophysics, Siberian Branch of Russian Academy of Sciences	Pr. Akad. Lavrentieva 6, Novosibirsk, 630090, Russia Tel.: 7(3832)341450, Fax: 7(3832)343783, e-mail: kuzin@sscc.ru
12	Mrs. Natalya Ogar\ Kazakhstan	Head of Geobotanic lab., Institute of Botany	Kazakhstan 46 D Timiryazeva Street 480090 ALMATY Tel: 7 3272 915097 Fax: 7 3272 917938 E-mail: envirc@nursat.kz
13.	Prof. E. Zakarin\ Kazakhstan	Deputy Director Space Research Institute	Kazakhstan 15, Shevchenko str., Almaty, 480100 Tel/Fax: 7 3272 625326 E-mail: zakarin@sri.academset.kz
14	Mrs. Eserkepova Irina\Kazakhstan	Deputy Director Scientific Research institute of Environmental monitoring and climate	Kazakhstan irina@kniimosk.almaty.kz
15	Ms. Aliy Eleysin \ Kazakhstan	Leading Specialist, Dept. of International cooperation Ministry for Nature protection	Kazakhstan Sa19@mail.ru
16	Ms. Natalia Korostelyova\ Kyrgyz Republic	JACS-CA Coordinator, NCCR North-South	Bishkek, Kyrgyz Republic tel. +996312680520/623400 E-mail: nccrnatalia@camp.elcat.kg
17.	Mr. Kanat Djanuzakov \Kyrgyz Republic	Deputy Minister , Ministry of ecology and emergency situations	720055 Bishkek Kyrgyz Republic Tel. 996312 541177 Fax 996312 541177 / 79 E-mail: min-eco@elcat.kg
18.	Mrs. Marina Faleeva \ Kyrgyz Republic	Senior specialist Ministry of ecology and emergency situations	720055 Bishkek Kyrgyz Republic Tel. 996312 541177 Fax 996312 541177 / 79 E-mail: min-eco@elcat.kg
19.	Mrs. Djyparkul Bekkulova \ Kyrgyz Republic	Chief, Department of ecological strategy and policy Ministry of ecology and emergency situations	720055 Bishkek Kyrgyz Republic Tel. 996312 541177 Fax 996312 541177 / 79 E-mail: min-eco@elcat.kg
20.	Mrs. Gulfia Shabaeva \ Kyrgyz Republic	Senior Specialist, Dept. of Environmental protection and State Expertise Ministry of ecology and emergency situations	720055 Bishkek Kyrgyz Republic Tel. 996312 541177 Fax 996312 541177 / 79 E-mail: min-eco@elcat.kg

	1		T =
21.	Mr. Muborakso	Senior Specialist,	Tajikistan
	Kadamov \	Special Inspection on water use	Tel 8 10 992372
	Tajikistan	and protection	213039\215669
		Ministry for Nature protection	fax 211839
22.	Mr. Abdukuddus	Deputy Chairman,	Tajikistan
	Muzaffarov \	Dushanbe city Committee for	Tel 8 10 992372
	Tajikistan	Nature Protection	Fax 210163
23	Mr. Khomidov	Head, Main Administration on	Tajikistan
	Anvar\ Tajikistan	Hydrometeorology and	992372 231821
		Environmental Monitoring	meteo@tajinter.com
24	Prof. Reshid	Professsor,	Uzbekistan,
	Kulmatov\	Termez State University	Termez, F.khujaev, 43,
	Uzbekistan		Fax: 988 7622 2 87 16 or 2
			89 04
			Tel. 998 7622 2 87 55 or 3
			13 11
	D 0 .		kulmatov@online.ru
25	Dr. Svetlena	Programme Manager,	Usmon Nosir, 13a,
	Nikulina\ Uzbekistan	Environment Programme	Tashkent 700060,
		UNDP/Government of	Uzbekistan
		Uzbekistan	Svetlana.Nikulian@envp.uz
2.5	)	1.0	<u>sci.net</u>
26	Mr. Rojen	Attaché on sciences,	France Embassy
	Boubeguira \France	France Embassy in Uzbekistan	25, Akhunbabaev str,
			Tashkent, 700047,
			Uzbekistan
			Rojen.Boubeguira@diplom
		7 1 2 2 2 2	atie.gouv.fr
27	Mr. Robert Watts	Regional Officer for	U.S. Embassy
	∖USA	Environment,	82, Chilanzarskaya str.
		0.000 1 1 1 0 1	F 11 - F00115
		Science&Technology in Central	Tashkent, 700115,
		Asia	Uzbekistan
		Asia USA Embassy in Uzbekistan	Uzbekistan wattsrm@state.gov
28.	Dr. A.Reimov\	Asia USA Embassy in Uzbekistan Regional Scientific and	Uzbekistan wattsrm@state.gov U.S. Embassy
28.	Dr. A.Reimov\ Uzbekistan	Asia USA Embassy in Uzbekistan Regional Scientific and Environmental Affairs Specialist	Uzbekistan wattsrm@state.gov U.S. Embassy 82, Chilanzarskaya str.
28.		Asia USA Embassy in Uzbekistan Regional Scientific and	Uzbekistan wattsrm@state.gov U.S. Embassy 82, Chilanzarskaya str. Tashkent, 700115,
	Uzbekistan	Asia USA Embassy in Uzbekistan Regional Scientific and Environmental Affairs Specialist USA Embassy in Uzbekistan	Uzbekistan wattsrm@state.gov U.S. Embassy 82, Chilanzarskaya str. Tashkent, 700115, Uzbekistan
28.	Uzbekistan  Mr. Sergey	Asia USA Embassy in Uzbekistan Regional Scientific and Environmental Affairs Specialist USA Embassy in Uzbekistan  Programme Associate	Uzbekistan wattsrm@state.gov U.S. Embassy 82, Chilanzarskaya str. Tashkent, 700115, Uzbekistan 4, T.Shevchenko str.,
	Uzbekistan  Mr. Sergey Khomenko\	Asia USA Embassy in Uzbekistan Regional Scientific and Environmental Affairs Specialist USA Embassy in Uzbekistan	Uzbekistan wattsrm@state.gov U.S. Embassy 82, Chilanzarskaya str. Tashkent, 700115, Uzbekistan 4, T.Shevchenko str., Tashkent, Uzbekistan
	Uzbekistan  Mr. Sergey	Asia USA Embassy in Uzbekistan Regional Scientific and Environmental Affairs Specialist USA Embassy in Uzbekistan  Programme Associate	Uzbekistan wattsrm@state.gov U.S. Embassy 82, Chilanzarskaya str. Tashkent, 700115, Uzbekistan 4, T.Shevchenko str., Tashkent, Uzbekistan Sergey.Khomenko@undp.o
29.	Uzbekistan  Mr. Sergey Khomenko\ Uzbekistan	Asia USA Embassy in Uzbekistan Regional Scientific and Environmental Affairs Specialist USA Embassy in Uzbekistan  Programme Associate UNDP Country Office	Uzbekistan wattsrm@state.gov U.S. Embassy 82, Chilanzarskaya str. Tashkent, 700115, Uzbekistan 4, T.Shevchenko str., Tashkent, Uzbekistan Sergey.Khomenko@undp.o
	Uzbekistan  Mr. Sergey Khomenko\ Uzbekistan  Ms. Lykke	Asia USA Embassy in Uzbekistan Regional Scientific and Environmental Affairs Specialist USA Embassy in Uzbekistan  Programme Associate UNDP Country Office  Acting Resident Representative	Uzbekistan wattsrm@state.gov  U.S. Embassy 82, Chilanzarskaya str. Tashkent, 700115, Uzbekistan  4, T.Shevchenko str., Tashkent, Uzbekistan Sergey.Khomenko@undp.o rg  4, T.Shevchenko str.,
29.	Uzbekistan  Mr. Sergey Khomenko\ Uzbekistan  Ms. Lykke Andersen\	Asia USA Embassy in Uzbekistan Regional Scientific and Environmental Affairs Specialist USA Embassy in Uzbekistan  Programme Associate UNDP Country Office	Uzbekistan wattsrm@state.gov  U.S. Embassy 82, Chilanzarskaya str. Tashkent, 700115, Uzbekistan 4, T.Shevchenko str., Tashkent, Uzbekistan Sergey.Khomenko@undp.o rg 4, T.Shevchenko str., Tashkent, Uzbekistan
29. 30.	Uzbekistan  Mr. Sergey Khomenko\ Uzbekistan  Ms. Lykke Andersen\ Uzbekistan	Asia USA Embassy in Uzbekistan Regional Scientific and Environmental Affairs Specialist USA Embassy in Uzbekistan  Programme Associate UNDP Country Office  Acting Resident Representative UNDP in Uzbekistan	Uzbekistan wattsrm@state.gov U.S. Embassy 82, Chilanzarskaya str. Tashkent, 700115, Uzbekistan 4, T.Shevchenko str., Tashkent, Uzbekistan Sergey.Khomenko@undp.o rg 4, T.Shevchenko str., Tashkent, Uzbekistan Lykke.Andersen@undp.org
29.	Uzbekistan  Mr. Sergey Khomenko\ Uzbekistan  Ms. Lykke Andersen\ Uzbekistan  Dr. Bory Alikhanov\	Asia USA Embassy in Uzbekistan Regional Scientific and Environmental Affairs Specialist USA Embassy in Uzbekistan  Programme Associate UNDP Country Office  Acting Resident Representative UNDP in Uzbekistan  Acting Chairman,	Uzbekistan wattsrm@state.gov  U.S. Embassy 82, Chilanzarskaya str. Tashkent, 700115, Uzbekistan  4, T.Shevchenko str., Tashkent, Uzbekistan Sergey.Khomenko@undp.o rg  4, T.Shevchenko str., Tashkent, Uzbekistan Lykke.Andersen@undp.org 99, A. Temir, str.
29. 30.	Uzbekistan  Mr. Sergey Khomenko\ Uzbekistan  Ms. Lykke Andersen\ Uzbekistan	Asia USA Embassy in Uzbekistan Regional Scientific and Environmental Affairs Specialist USA Embassy in Uzbekistan  Programme Associate UNDP Country Office  Acting Resident Representative UNDP in Uzbekistan  Acting Chairman, State Committee for Nature	Uzbekistan wattsrm@state.gov  U.S. Embassy 82, Chilanzarskaya str. Tashkent, 700115, Uzbekistan  4, T.Shevchenko str., Tashkent, Uzbekistan Sergey.Khomenko@undp.o rg  4, T.Shevchenko str., Tashkent, Uzbekistan Lykke.Andersen@undp.org  99, A. Temir, str. Tashkent, 700084,
29. 30.	Uzbekistan  Mr. Sergey Khomenko\ Uzbekistan  Ms. Lykke Andersen\ Uzbekistan  Dr. Bory Alikhanov\	Asia USA Embassy in Uzbekistan Regional Scientific and Environmental Affairs Specialist USA Embassy in Uzbekistan  Programme Associate UNDP Country Office  Acting Resident Representative UNDP in Uzbekistan  Acting Chairman,	Uzbekistan wattsrm@state.gov  U.S. Embassy 82, Chilanzarskaya str. Tashkent, 700115, Uzbekistan  4, T.Shevchenko str., Tashkent, Uzbekistan Sergey.Khomenko@undp.org  4, T.Shevchenko str., Tashkent, Uzbekistan Lykke.Andersen@undp.org  99, A. Temir, str. Tashkent, 700084, Uzbekistan
30. 31.	Mr. Sergey Khomenko\ Uzbekistan  Ms. Lykke Andersen\ Uzbekistan  Dr. Bory Alikhanov\ Uzbekistan	Asia USA Embassy in Uzbekistan Regional Scientific and Environmental Affairs Specialist USA Embassy in Uzbekistan  Programme Associate UNDP Country Office  Acting Resident Representative UNDP in Uzbekistan  Acting Chairman, State Committee for Nature Protection	Uzbekistan wattsrm@state.gov  U.S. Embassy 82, Chilanzarskaya str. Tashkent, 700115, Uzbekistan 4, T.Shevchenko str., Tashkent, Uzbekistan Sergey.Khomenko@undp.o rg 4, T.Shevchenko str., Tashkent, Uzbekistan Lykke.Andersen@undp.org 99, A. Temir, str. Tashkent, 700084, Uzbekistan Halmat@ecoinf.org.uz
29. 30.	Mr. Sergey Khomenko\ Uzbekistan  Ms. Lykke Andersen\ Uzbekistan  Dr. Bory Alikhanov\ Uzbekistan  Academisian	Asia USA Embassy in Uzbekistan Regional Scientific and Environmental Affairs Specialist USA Embassy in Uzbekistan  Programme Associate UNDP Country Office  Acting Resident Representative UNDP in Uzbekistan  Acting Chairman, State Committee for Nature Protection  Director,	Uzbekistan wattsrm@state.gov  U.S. Embassy 82, Chilanzarskaya str. Tashkent, 700115, Uzbekistan  4, T.Shevchenko str., Tashkent, Uzbekistan Sergey.Khomenko@undp.o rg  4, T.Shevchenko str., Tashkent, Uzbekistan Lykke.Andersen@undp.org 99, A. Temir, str. Tashkent, 700084, Uzbekistan Halmat@ecoinf.org.uz Tashkent, Uzbekistan
30. 31.	Mr. Sergey Khomenko\ Uzbekistan  Ms. Lykke Andersen\ Uzbekistan  Dr. Bory Alikhanov\ Uzbekistan  Academisian Djaloliddin Azimov\	Asia USA Embassy in Uzbekistan Regional Scientific and Environmental Affairs Specialist USA Embassy in Uzbekistan  Programme Associate UNDP Country Office  Acting Resident Representative UNDP in Uzbekistan  Acting Chairman, State Committee for Nature Protection	Uzbekistan wattsrm@state.gov  U.S. Embassy 82, Chilanzarskaya str. Tashkent, 700115, Uzbekistan 4, T.Shevchenko str., Tashkent, Uzbekistan Sergey.Khomenko@undp.o rg 4, T.Shevchenko str., Tashkent, Uzbekistan Lykke.Andersen@undp.org 99, A. Temir, str. Tashkent, 700084, Uzbekistan Halmat@ecoinf.org.uz
30. 31.	Mr. Sergey Khomenko\ Uzbekistan  Ms. Lykke Andersen\ Uzbekistan  Dr. Bory Alikhanov\ Uzbekistan  Academisian Djaloliddin Azimov\ Uzbekistan	Asia USA Embassy in Uzbekistan Regional Scientific and Environmental Affairs Specialist USA Embassy in Uzbekistan  Programme Associate UNDP Country Office  Acting Resident Representative UNDP in Uzbekistan  Acting Chairman, State Committee for Nature Protection  Director, Institute of Zoology	Uzbekistan wattsrm@state.gov  U.S. Embassy 82, Chilanzarskaya str. Tashkent, 700115, Uzbekistan 4, T.Shevchenko str., Tashkent, Uzbekistan Sergey.Khomenko@undp.org 4, T.Shevchenko str., Tashkent, Uzbekistan Lykke.Andersen@undp.org 99, A. Temir, str. Tashkent, 700084, Uzbekistan Halmat@ecoinf.org.uz Tashkent, Uzbekistan Tel 999712 46 07 18
30. 31.	Mr. Sergey Khomenko\ Uzbekistan  Ms. Lykke Andersen\ Uzbekistan  Dr. Bory Alikhanov\ Uzbekistan  Academisian Djaloliddin Azimov\ Uzbekistan  Elena Kreitsberg-	Asia USA Embassy in Uzbekistan Regional Scientific and Environmental Affairs Specialist USA Embassy in Uzbekistan  Programme Associate UNDP Country Office  Acting Resident Representative UNDP in Uzbekistan  Acting Chairman, State Committee for Nature Protection  Director, Institute of Zoology  Leading Scientist,	Uzbekistan wattsrm@state.gov  U.S. Embassy 82, Chilanzarskaya str. Tashkent, 700115, Uzbekistan  4, T.Shevchenko str., Tashkent, Uzbekistan Sergey.Khomenko@undp.o rg  4, T.Shevchenko str., Tashkent, Uzbekistan Lykke.Andersen@undp.org  99, A. Temir, str. Tashkent, 700084, Uzbekistan Halmat@ecoinf.org.uz Tashkent, Uzbekistan Tel 999712 46 07 18  Tashkent, Uzbekistan
30. 31.	Mr. Sergey Khomenko\ Uzbekistan  Ms. Lykke Andersen\ Uzbekistan  Dr. Bory Alikhanov\ Uzbekistan  Academisian Djaloliddin Azimov\ Uzbekistan  Elena Kreitsberg- Mukhina\	Asia USA Embassy in Uzbekistan Regional Scientific and Environmental Affairs Specialist USA Embassy in Uzbekistan  Programme Associate UNDP Country Office  Acting Resident Representative UNDP in Uzbekistan  Acting Chairman, State Committee for Nature Protection  Director, Institute of Zoology	Uzbekistan wattsrm@state.gov  U.S. Embassy 82, Chilanzarskaya str. Tashkent, 700115, Uzbekistan 4, T.Shevchenko str., Tashkent, Uzbekistan Sergey.Khomenko@undp.org 4, T.Shevchenko str., Tashkent, Uzbekistan Lykke.Andersen@undp.org 99, A. Temir, str. Tashkent, 700084, Uzbekistan Halmat@ecoinf.org.uz Tashkent, Uzbekistan Tel 999712 46 07 18
30. 31. 32.	Mr. Sergey Khomenko\ Uzbekistan  Ms. Lykke Andersen\ Uzbekistan  Dr. Bory Alikhanov\ Uzbekistan  Academisian Djaloliddin Azimov\ Uzbekistan  Elena Kreitsberg- Mukhina\ Uzbekistan	Asia USA Embassy in Uzbekistan Regional Scientific and Environmental Affairs Specialist USA Embassy in Uzbekistan  Programme Associate UNDP Country Office  Acting Resident Representative UNDP in Uzbekistan  Acting Chairman, State Committee for Nature Protection  Director, Institute of Zoology  Leading Scientist, Institute of Zoology	Uzbekistan wattsrm@state.gov  U.S. Embassy 82, Chilanzarskaya str. Tashkent, 700115, Uzbekistan  4, T.Shevchenko str., Tashkent, Uzbekistan Sergey.Khomenko@undp.o rg  4, T.Shevchenko str., Tashkent, Uzbekistan Lykke.Andersen@undp.org 99, A. Temir, str. Tashkent, 700084, Uzbekistan Halmat@ecoinf.org.uz Tashkent, Uzbekistan Tel 999712 46 07 18  Tashkent, Uzbekistan Tel 999712 46 07 18
30. 31.	Mr. Sergey Khomenko\ Uzbekistan  Ms. Lykke Andersen\ Uzbekistan  Dr. Bory Alikhanov\ Uzbekistan  Academisian Djaloliddin Azimov\ Uzbekistan  Elena Kreitsberg- Mukhina\ Uzbekistan  Mr. Saidazim	Asia USA Embassy in Uzbekistan Regional Scientific and Environmental Affairs Specialist USA Embassy in Uzbekistan  Programme Associate UNDP Country Office  Acting Resident Representative UNDP in Uzbekistan  Acting Chairman, State Committee for Nature Protection  Director, Institute of Zoology  Leading Scientist, Institute of Zoology  Chief of Department,	Uzbekistan wattsrm@state.gov  U.S. Embassy 82, Chilanzarskaya str. Tashkent, 700115, Uzbekistan  4, T.Shevchenko str., Tashkent, Uzbekistan Sergey.Khomenko@undp.org  4, T.Shevchenko str., Tashkent, Uzbekistan Lykke.Andersen@undp.org  99, A. Temir, str. Tashkent, 700084, Uzbekistan Halmat@ecoinf.org.uz Tashkent, Uzbekistan Tel 999712 46 07 18  Tashkent, Uzbekistan Tel 999712 46 07 18
30. 31. 32.	Mr. Sergey Khomenko\ Uzbekistan  Ms. Lykke Andersen\ Uzbekistan  Dr. Bory Alikhanov\ Uzbekistan  Academisian Djaloliddin Azimov\ Uzbekistan  Elena Kreitsberg- Mukhina\ Uzbekistan	Asia USA Embassy in Uzbekistan Regional Scientific and Environmental Affairs Specialist USA Embassy in Uzbekistan  Programme Associate UNDP Country Office  Acting Resident Representative UNDP in Uzbekistan  Acting Chairman, State Committee for Nature Protection  Director, Institute of Zoology  Leading Scientist, Institute of Zoology	Uzbekistan wattsrm@state.gov  U.S. Embassy 82, Chilanzarskaya str. Tashkent, 700115, Uzbekistan  4, T.Shevchenko str., Tashkent, Uzbekistan Sergey.Khomenko@undp.o rg  4, T.Shevchenko str., Tashkent, Uzbekistan Lykke.Andersen@undp.org 99, A. Temir, str. Tashkent, 700084, Uzbekistan Halmat@ecoinf.org.uz Tashkent, Uzbekistan Tel 999712 46 07 18  Tashkent, Uzbekistan Tel 999712 46 07 18

35. Mrs. Nadejda   Dotsenko's Uzbekistan   Protection	25	Mrs. Nadaida	Chief of Donartment	00 A Tomir atr
Uzbekistan	<i>3</i> 5.			
36 Mr. Evgeniy Chernogaev Uzbekistan   Chief of Department, Gosbiocontrol   Gosbiocontrol   Sakhent, 700084, Uzbekistan   Halmatt@ecoinf or g. uz   99, A. Temir, str. Tashkent, 700084, Uzbekistan   Halmatt@ecoinf or g. uz   99, A. Temir, str. Tashkent, 700084, Uzbekistan   Halmatt@ecoinf or g. uz   99, A. Temir, str. Tashkent, 700084, Uzbekistan   Halmatt@ecoinf or g. uz   100   Uzbekistan				
Mr. Evgeniy   Chief of Department, Gosbiocontrol   Gosbiocontrol   Sosbiocontrol   Sosbioco		Uzbekistan	Protection	
Chernogaev\ Uzbekistan				
Uzbekistan	36	Mr. Evgeniy	Chief of Department,	99, A. Temir, str.
Uzbekistan		Chernogaev\	Gosbiocontrol	Tashkent, 700084,
37    Ms. Irina   Bekmirzaeva\   Uzbekistan   State Committee for Nature   Protection   Halmat@ecoinLorg.uz		Uzbekistan		
37    Ms. Irina   Bekmirzaeva\   Uzbekistan   State Committee for Nature   Protection   Halmat@ecoinLorg.uz				Halmat@ecoinf org uz
Bekmirzaeva\   Uzbekistan   Profection   Chairman, Interstate Coordination   Dukhovny\   Uzbekistan   Uzbe	37	Ms Irina	Chief of Department	
Uzbekistan	37			The state of the s
38   Prof. Victor   Chairman, Interstate Coordination   Dukhovny\   Uzbekistan   Water Commission, Scientific   Information Center (SIC ICWC)   Uzbekistan   U				
38    Prof. Victor   Dukhovny\   Water Commission, Scientific Information Center (SIC ICWC)   Uzbekistan   Uzbekistan   Chief, Main Administration of Hydrometeorology under the Cabinet of Ministers of Uzbekistan   Uzbekistan   Senior Scientist, Central Asian   Hydrometeorological Research Institute (SANIGMI)   Uzbekistan   Uz		Uzbekistan	Protection	
Dukhovny\   Uzbekistan   Information Center (SIC ICWC)   Uzbekistan   Uzbekistan   Chief of Department, Uzbekistan   Uz	• •	2.27		
Uzbekistan	38		1	
39. Dr. Victor Chub   Uzbekistan   Chief, Main Administration of Hydrometeorology under the Cabinet of Ministers of Uzbekistan   Spectorman   Central Asian   Hydrometeorological Research Institute (SANIGMI)   SANIGMI   Tashkent 700052, Uzbekistan   Hydrometeorological Research Institute (SANIGMI)   SANIGMI   SANIGMI   Tashkent 700052, Uzbekistan   SANIGMI   SANIGMI   Tashkent 700052, Uzbekistan   SANIGMI   SANIGMI   Tashkent 700052, Uzbekistan   Sanigmi@albatros.uz   Sanigmi@albatros.uz   Sanigmi@albatros.uz   Sanigmi@albatros.uz   Sanigmi@albatros.uz   Sanigmi@albatros.uz   Sanigmi@albatros.uz   San		Dukhovny\		Uzbekistan
Uzbekistan		Uzbekistan	Information Center (SIC ICWC)	dukh@icwc-aral.uz
Uzbekistan	39.	Dr. Victor Chub\	Chief, Main Administration of	uzhymet@meteo.uz
Cabinet of Ministers of Uzbekistan   Uzbekistan   Uzbekistan   Uzbekistan   Central Asian   Hydrometeorological Research   Institute (SANIGMI)   Uzbekistan		Uzbekistan		
40. Mrs. Tatiana Senior Scientist, Central Asian Uzbekistan K. Makhsumov str. 72, Tashkent 700052, Uzbekistan Uzbekistan Hydrometeorological Research Institute (SANIGMI) SANIGMI Tolkacheva\ Uzbekistan Uzbekistan Uzbekistan Uzbekistan Sanigmi@albatros.uz K. Makhsumov str. 72, Tashkent 700052, Uzbekistan Sanigmi@albatros.uz K. Sanigmi@albatros.uz K. Makhsumov str. 72, Tashkent 700052, Uzbekistan Sanigmi@albatros.uz K. Sa				
40. Mrs. Tatiana   Spectorman\   Uzbekistan   Hydrometeorological Research   Institute (SANIGMI)   Uzbekistan   SANIGMI   Uzbekistan   SANIGMI   Tolkacheva\   Uzbekistan   Uzbekistan   SANIGMI   Tolkacheva\   Uzbekistan   SANIGMI   Uzbekistan   Sanigmii@albatros.uz   Uzbekistan   Sanigmiii@albatros.uz   Uzbekistan   Uzbekistan   Sanigmiii@albatros.uz   Uzbekistan   Sanigmiiii@albatros.uz   Uzbekistan   Sanigmiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii				
Spectorman\   Uzbekistan	40	Mrc Totiono		
Uzbekistan	70.		,	
All   Dr. Galina   Chief of Department, SANIGMI   Uzbekistan   Uzbekistan   Uzbekistan   Chief of Department, SANIGMI   Uzbekistan				,
41. Dr. Galina Tolkacheva\ Uzbekistan		Uzbekistan		
Tolkacheva\ Uzbekistan			,	
Uzbekistan	41.		*	
42 Dr. Valentina Vaylert \ Uzbekistan Vaylert \ Vaybekistan Vaybekistan Vaybekistan Vaybekistan Vaylert \ Vaybekistan Va		Tolkacheva\	SANIGMI	Tashkent 700052,
Dr. Valentina Vaylert \ Uzbekistan   SANIGMI   SANIGMI   Tashkent 700052, Uzbekistan   Tashkent 700052, Uzbekistan   Tashkent 700052, Uzbekistan   Tashkent 700052, Uzbekistan   Telephone: 700017 Tashkent, Uzb		Uzbekistan		Uzbekistan
Dr. Valentina Vaylert \ Uzbekistan   SANIGMI   SANIGMI   Tashkent 700052, Uzbekistan   Tashkent 700052, Uzbekistan   Tashkent 700052, Uzbekistan   Tashkent 700052, Uzbekistan   Telephone: 700017 Tashkent, Uzb				sanigmi@albatros.uz
Vaylert \ Uzbekistan	42	Dr. Valentina	Chief of Department.	
43. Dr. Anatoly Goryachev\ SANIGMI  44. Dr. Mikhail Chief of Department, Arushanov\ Uzbekistan  45. Dr. Rustam Saidov\ Uzbekistan  46. Dr. Kayumov\ Uzbekistan  46. Dr. Kayumov\ Uzbekistan  47. Dr. Mark Anstey\ Uzbekistan  48. Dr. Mark Anstey\ Uzbekistan  49. Dr. Muchtor Nasyrov\ Uzbekistan  49. Dr. Zakhid Nazirov\  49. Dr. Zakhid Nazirov\  40. Dr. Zakhid Nazirov\  40. Dr. Mark Anstey\ Uzbekistan  43. Dr. Mark Anstey\ Uzbekistan  44. Dr. Mark Anstey\ Uzbekistan  45. Dr. Muchtor Nasyrov\ Uzbekistan  46. Dr. Kayumov\ Uzbekistan  47. Dr. Mark Anstey\ Uzbekistan  48. Dr. Muchtor Nasyrov\ Uzbekistan  49. Dr. Zakhid Nazirov\ Deputy Director,  49. Dr. Zakhid Nazirov\ Deputy Director,  40. Dr. Zakhid Nazirov\ Deputy Director,  43. Dr. Zakhid Nazirov\ Deputy Director,  44. Makhsumov str. 72,  45. Makhsumov str. 72,  46. Makhsumov str. 72,  46. Makhsumov str. 72,  47. Dr. Mark Anstey\ Uzbekistan  48. Dr. Muchtor Nasyrov\ Uzbekistan  49. Dr. Zakhid Nazirov\ Deputy Director,  40. Dr. Zakhid Nazirov\ Deputy Director,  41. Makhsumov str. 72,  42. Makhsumov str. 72,  43. Makhsumov str. 72,  44. Makhsumov str. 72,  45. Makhsumov str. 72,  46. Makhsumov str. 72,  47. Tshkent, Vzbekistan  48. Dr. Muchtor  Nasyrov\ Uzbekistan  49. Dr. Zakhid Nazirov\ Deputy Director,  40. Dr. Zakhid Nazirov\ Deputy Director,  41. Makhsumov str. 72,  42. Makhsumov str. 72,  43. Makhsumov str. 72,  44. Makhsumov str. 72,  45. Makhsumov str. 72,  46. Makhsumov str. 72,  47. Tshevchenko str.,  48. Makhsumov str. 72,  49. Makhsumov str. 72,				
43. Dr. Anatoly Goryachev\ Uzbekistan  44. Dr. Mikhail Arushanov\ Uzbekistan  45. Dr. Rustam Saidov\ Uzbekistan  46. Dr. Kayumov\ Uzbekistan  47. Dr. Mark Anstey\ Uzbekistan  48. Dr. Mark Anstey\ Uzbekistan  49. Dr. Muchtor Nasyrov\ Uzbekistan  49. Dr. Muchtor Nasyrov\ Uzbekistan  Center of Department, MeteoInfoSystem Uzbekistan  Center on Science and Technology  Chief of Department, Central Asian Research Institute of Irrigation (SANIIRI)  Telephone:+998-71- 1391830  E-mail: rsaidov@hotmail.com; saidov r@yahoo.com  Tashkent, Karasu-4, 11, Uzbekistan  Tel: 65 32 42 dilmalik@mail.tps.uz  4, T.Shevchenko str., Tashkent, Uzbekistan  Mark Anstey@undp.org  48. Dr. Muchtor Nasyrov\ Uzbekistan  Dr. Muchtor Nasyrov\ Uzbekistan  Dr. Zakhid Nazirov\ Deputy Director,  K. Makhsumov str. 72, Tashkent Karasu-4, 11, Uzbekistan  Tel: 65 32 42 dilmalik@mail.tps.uz  4, T.Shevchenko str., Tashkent, Uzbekistan Mark Anstey@undp.org  Uzbekistan, Samarkand muhtorn@yahoo.com		v dy left ( 020ckistali	STI (IGIVII	
A3.   Dr. Anatoly   Goryachev   Uzbekistan   SANIGMI   Tashkent 700052, Uzbekistan   Sanigmi@albatros.uz				
Goryachev   Uzbekistan	12	D 4 4 1		
44. Dr. Mikhail Arushanov\ Uzbekistan  45. Dr. Rustam Saidov\ Uzbekistan  46. Dr. Kayumov\ Uzbekistan  47. Dr. Mark Anstey\ Uzbekistan  Dr. Mark Anstey\ Uzbekistan  47. Dr. Mark Anstey\ Uzbekistan  Dr. Muchtor Nasyrov\ Uzbekistan  48. Dr. Muchtor Nasyrov\ Uzbekistan  Dr. Muchtor Nasyrov\ Uzbekistan  Dr. Zakhid Nazirov\ Deputy Director,  Dr. Zakhid Nazirov\ Deputy Director,  Chief of Department, Plant Physiology and microbiology Samarqand State University  K. Makhsumov str. 72, Tashkent Toology  K. Makhsumov str. 72,  K. Makhsumov str. 72, Tashkent Toology  K. Makhsumov str. 72,  K. Makhsumov str. 72,  K. Makhsumov str. 72, Tashkent Toology  K. Makhsumov str. 72,	43.	_		
44. Dr. Mikhail Arushanov\ Uzbekistan  45. Dr. Rustam Saidov\ Uzbekistan  46. Dr. Kayumov\ Uzbekistan  47. Dr. Mark Anstey\ Uzbekistan  47. Dr. Mark Anstey\ Uzbekistan  48. Dr. Mark Anstey\ Uzbekistan  49. Dr. Muchtor Nasyrov\ Uzbekistan  49. Dr. Zakhid Nazirov\  49. Dr. Zakhid Nazirov\  40. Dr. Zakhid Nazirov\  40. Dr. Zakhid Nazirov\  40. Dr. Mark Anstev\ Uzbekistan   41. Dr. Mark Anstey\ Uzbekistan   42. Dr. Muchtor Nasyrov\ Uzbekistan  43. Dr. Muchtor Nasyrov\ Uzbekistan  44. Dr. Zakhid Nazirov\  45. Dr. Zakhid Nazirov\  46. Dr. Zakhid Nazirov\  47. Dr. Mark Anstey\ Uzbekistan  48. Dr. Muchtor Nasyrov\ Uzbekistan  49. Dr. Zakhid Nazirov\  49. Dr. Zakhid Nazirov\  40. Dr. Zakhid Nazirov\  40. Dr. Mark Anstev\ Uzbekistan  Br. Muchtor Nasyrov\ Uzbekistan  Br. Mark Anstev@undp.org  Chief of Department, Plant Physiology and microbiology Samarqand State University  Chief of Department, Plant Physiology and microbiology Samarqand State University  Chief of Department, Plant Physiology and microbiology Samarqand State University  Chief of Department, Plant Physiology and microbiology Samarqand State University  Chief of Department, Plant Physiology and microbiology Samarqand State University  Chief of Department, Plant Physiology and microbiology Samarqand State University  Chief of Department, Plant Physiology and microbiology Samarqand State University  Chief of Department, Plant Physiology and microbiology Samarqand State University  Chief of Department, Plant Physiology and Microbiology Samarqand State University  Chief of Department, Plant Physiology and Microbiology Samarqand State University  Chief of Department, Plant Physiology and Microbiology Samarqand State University			SANIGMI	
44.       Dr. Mikhail Arushanov\ Uzbekistan       Chief of Department, MeteoInfoSystem       K. Makhsumov str. 72, Tashkent 700052, Uzbekistan         45.       Dr. Rustam Saidov\ Uzbekistan       National INTAS Coordinator Center on Science and Technology       Kh. Suleymanova Street 29, 700017 Tashkent, Uzbekistan         46.       Dr. Kayumov\ Uzbekistan       Chief of Department, Central Asian Research Institute of Irrigation (SANIIRI)       Tashkent, Karasu-4, 11, Uzbekistan         47.       Dr. Mark Anstey\ Uzbekistan       Rgional Biodiversity Advaser, UNDP Country Office       4, T.Shevchenko str., Tashkent, Uzbekistan Mark.Anstey@undp.org         48.       Dr. Muchtor Nasyrov\ Uzbekistan       Chief of Department, Plant Physiology and microbiology Samarqand State University       Uzbekistan, Samarkand muhtorn@yahoo.com         49       Dr. Zakhid Nazirov\       Deputy Director,       K. Makhsumov str. 72,		Uzbekistan		
Arushanov\ Uzbekistan  45. Dr. Rustam Saidov\ Uzbekistan  Kh. Suleymanova Street 29 700017 Tashkent, Uzbekistan  Technology  46. Dr. Kayumov\ Uzbekistan  Central Asian Research Institute of Irrigation (SANIIRI)  Tel.: 65 32 42 dilmalik@mail.tps.uz  47. Dr. Mark Anstey\ Uzbekistan  Tel.: 65 32 42 dilmalik@mail.tps.uz  48. Dr. Muchtor Nasyrov\ Uzbekistan  Dr. Muchtor Nasyrov\ Uzbekistan  Dr. Zakhid Nazirov\ Deputy Director,  Kh. Suleymanova Kh. Suleymanova Street 29 700017 Tashkent, Uzbekistan  Telephone:+998-71- 1391830 E-mail: rsaidov @hotmail.com; saidov r@yahoo.com  Tashkent, Karasu-4, 11, Uzbekistan  Tel.: 65 32 42 dilmalik@mail.tps.uz  4, T.Shevchenko str., Tashkent, Uzbekistan Mark.Anstey@undp.org  Uzbekistan, Samarkand muhtorn@yahoo.com  K. Makhsumov str. 72,				sanigmi@albatros.uz
Uzbekistan	44.		Chief of Department,	
Variable		Arushanov∖	MeteoInfoSystem	Tashkent 700052,
Uzbekistan  Center on Science and Technology  Tashkent, Uzbekistan  Telephone:+998-71- 1391830  E-mail: rsaidov@hotmail.com; saidov r@yahoo.com  Tashkent, Karasu-4, 11, Uzbekistan  Central Asian Research Institute of Irrigation (SANIIRI)  Telephone:+998-71- 1391830  E-mail: rsaidov@hotmail.com; saidov r@yahoo.com  Tashkent, Karasu-4, 11, Uzbekistan  Tel.: 65 32 42 dilmalik@mail.tps.uz  47. Dr. Mark Anstey\ Uzbekistan  UNDP Country Office  Tashkent, Uzbekistan  Mark.Anstey@undp.org  48. Dr. Muchtor Nasyrov\ Uzbekistan  Chief of Department, Plant Physiology and microbiology Samarqand State University  Deputy Director,  K. Makhsumov str. 72,		Uzbekistan		Uzbekistan
Uzbekistan  Center on Science and Technology  Tashkent, Uzbekistan  Telephone:+998-71- 1391830  E-mail: rsaidov@hotmail.com; saidov r@yahoo.com  Tashkent, Karasu-4, 11, Uzbekistan  Central Asian Research Institute of Irrigation (SANIIRI)  Telephone:+998-71- 1391830  E-mail: rsaidov@hotmail.com; saidov r@yahoo.com  Tashkent, Karasu-4, 11, Uzbekistan  Tel.: 65 32 42 dilmalik@mail.tps.uz  47. Dr. Mark Anstey\ Uzbekistan  UNDP Country Office  Tashkent, Uzbekistan  Mark.Anstey@undp.org  48. Dr. Muchtor Nasyrov\ Uzbekistan  Chief of Department, Plant Physiology and microbiology Samarqand State University  Deputy Director,  K. Makhsumov str. 72,	45.	Dr. Rustam Saidov\	National INTAS Coordinator	Kh. Suleymanova Street 29.
Technology  Technology  Uzbekistan Telephone:+998-71- 1391830 E-mail: rsaidov@hotmail.com; saidov r@yahoo.com  Tashkent, Karasu-4, 11, Uzbekistan  Uzbekistan  Telephone:+998-71- 1391830 E-mail: rsaidov@hotmail.com; saidov r@yahoo.com  Tashkent, Karasu-4, 11, Uzbekistan  Tel.: 65 32 42 dilmalik@mail.tps.uz  Tashkent, Uzbekistan  Tel.: 65 32 42 dilmalik@mail.tps.uz  Tashkent, Uzbekistan  Tashkent, Uzbekistan  Tashkent, Uzbekistan  Tashkent, Uzbekistan  Mark.Anstey@undp.org  Uzbekistan, Samarkand muhtorn@yahoo.com  Tashkent, Uzbekistan  Mark.Anstey@undp.org  Tashkent, Vzbekistan  Mark.Anstey@undp.org  Tashkent, Vzbekistan  Mark.Anstey@undp.org  Tashkent, Vzbekistan  Mark.Anstey@undp.org  Tashkent, Vzbekistan  Tashkent, Vzbekistan  Tel.: 65 32 42  Tashkent, Vzbekistan  Tel.: 65 32 42  Tashkent, Vzbekistan  Tashkent, Vzbekistan  Tel.: 65 32 42  Tashkent, Vzbekistan  Tel.: 65 32 42  Tashkent, Vzbekistan  Tel.: 65 32 42  Tashkent, Uzbekistan  Tel.: 65 32 42  Tel.				
Telephone:+998-71- 1391830 E-mail: rsaidov@hotmail.com; saidov r@yahoo.com  46. Dr. Kayumov\ Uzbekistan  Central Asian Research Institute of Irrigation (SANIIRI)  Tashkent, Karasu-4, 11, Uzbekistan  Tel.: 65 32 42 dilmalik@mail.tps.uz  47. Dr. Mark Anstey\ Uzbekistan  UNDP Country Office  48. Dr. Muchtor Nasyrov\ Uzbekistan  Chief of Department, Plant Physiology and microbiology Samarqand State University  49 Dr. Zakhid Nazirov\ Deputy Director,  K. Makhsumov str. 72,		C Zockistan		*
46. Dr. Kayumov\ Uzbekistan  Central Asian Research Institute of Irrigation (SANIIRI)  Tashkent, Karasu-4, 11, Uzbekistan  Tel.: 65 32 42 dilmalik@mail.tps.uz  Tashkent, Karasu-4, 11, Uzbekistan  Tel.: 65 32 42 dilmalik@mail.tps.uz  47. Dr. Mark Anstey\ Uzbekistan  Under Country Office  Tashkent, Uzbekistan  Tel.: 65 32 42 dilmalik@mail.tps.uz  4, T.Shevchenko str., Tashkent, Uzbekistan  Mark.Anstey@undp.org  Tashkent, Uzbekistan  Mark.Anstey@undp.org  Uzbekistan, Samarkand muhtorn@yahoo.com  Tashkent, Uzbekistan  Mark.Anstey@undp.org  Uzbekistan, Samarkand muhtorn@yahoo.com  Tashkent, Vzbekistan  Mark.Anstey@undp.org  Tashkent, Uzbekistan  Mark.Anstey@undp.org  Uzbekistan, Samarkand muhtorn@yahoo.com  Tashkent, Vzbekistan  Mark.Anstey@undp.org  Uzbekistan, Samarkand muhtorn@yahoo.com  Tashkent, Vzbekistan  Mark.Anstey@undp.org  Uzbekistan, Samarkand muhtorn@yahoo.com  Tashkent, Vzbekistan  Mark.Anstey@undp.org  Tashkent, Vzbekistan  Mark.Anstey@undp.org  Uzbekistan, Samarkand muhtorn@yahoo.com  Tashkent, Vzbekistan  Mark.Anstey@undp.org  Uzbekistan, Samarkand muhtorn@yahoo.com  Tashkent, Karasu-4, 11, Uzbekistan  Tel.: 65 32 42  dilmalik@mail.tps.uz  Tashkent, Karasu-4, 11, Uzbekistan  Tel.: 65 32 42  dilmalik@mail.tps.uz  Tashkent, Vzbekistan  Tel.: 65 32 42  Tashkent, Vzbekis			recimology	
## E-mail:   rsaidov@hotmail.com;   saidov_r@yahoo.com     Tashkent, Karasu-4, 11, Uzbekistan     Uzbekistan   Central Asian Research Institute     of Irrigation (SANIIRI)     Tel.: 65 32 42     dilmalik@mail.tps.uz     dilmalik@mail.tps.uz     47. Dr. Mark Anstey     Uzbekistan   UNDP Country Office     Dr. Muchtor     Nasyrov   Uzbekistan     Dr. Muchtor     Nasyrov   Uzbekistan     Dr. Muchtor     Nasyrov   Uzbekistan     Dr. Muchtor     Dr. Muchtor     Nasyrov   Uzbekistan     Dr. Muchtor     Dr. Askhid Nazirov     Deputy Director,     Dr. Mark Anstey@undp.org     Uzbekistan, Samarkand     muhtorn@yahoo.com     K. Makhsumov str. 72,     K. Makhsumov str. 72,     Chief of Department,     Dr. Zakhid Nazirov     Deputy Director,     Chief of Department,     Dr. Muchtor     Dr. Zakhid Nazirov     Deputy Director,     Chief of Department,     Dr. Muchtor     Dr. Muchtor     Dr. Mark Anstey@undp.org     Chief of Department,     Dr. Mark Anstey@undp.org     Uzbekistan     Mark Anstey@undp.org     Uzbekistan     Dr. Mark Anstey     Dr. Mark Anstey     Dr. Mark Anstey     Dr. Muchtor     Dr. Mark Anstey     Dr. Muchtor     Dr. Mark Anstey     Uzbekistan     Dr. Muchtor     Dr. Mark Anstey     Uzbekistan     Dr. Muchtor     Dr. Mark Anstey     Dr. Mark Anstey     Uzbekistan     Dr. Mark Anstey     Dr. Mark Anstey				
46. Dr. Kayumov\ Uzbekistan  Chief of Department, Uzbekistan  Central Asian Research Institute of Irrigation (SANIIRI)  Tel.: 65 32 42 dilmalik@mail.tps.uz  Tashkent, Karasu-4, 11, Uzbekistan  Tel.: 65 32 42 dilmalik@mail.tps.uz  Tashkent, Uzbekistan  Tel.: 65 32 42 dilmalik@mail.tps.uz  Tashkent, Uzbekistan  Uzbekistan  Tashkent, Uzbekistan  Tashkent, Uzbekistan  Mark.Anstey@undp.org  Tashkent, Uzbekistan  Mark.Anstey@undp.org  Uzbekistan, Samarkand muhtorn@yahoo.com  Tashkent, Uzbekistan  Mark.Anstey@undp.org  Tashkent, Uzbekistan  Mark.Anstey@undp.org  Uzbekistan, Samarkand muhtorn@yahoo.com  Tashkent, Vzbekistan  Mark.Anstey@undp.org  Tashkent, Uzbekistan  Mark.Anstey@undp.org  Tashkent, Vzbekistan				
46. Dr. Kayumov\ Uzbekistan  Central Asian Research Institute of Irrigation (SANIIRI)  Tel.: 65 32 42 dilmalik@mail.tps.uz  Tashkent, Karasu-4, 11, Uzbekistan  Tel.: 65 32 42 dilmalik@mail.tps.uz  Tashkent, Karasu-4, 11, Uzbekistan  Tel.: 65 32 42 dilmalik@mail.tps.uz  47. Dr. Mark Anstey\ Uzbekistan  UNDP Country Office  Tashkent, Uzbekistan  Mark Anstey@undp.org  Tashkent, Uzbekistan  Mark Anstey@undp.org  Uzbekistan, Samarkand muhtorn@yahoo.com  Tel.: 65 32 42 dilmalik@mail.tps.uz  Uzbekistan  Mark Anstey@undp.org  Uzbekistan, Samarkand muhtorn@yahoo.com  Tel.: 65 32 42 dilmalik@mail.tps.uz  Tashkent, Uzbekistan  Mark Anstey@undp.org  Uzbekistan, Samarkand muhtorn@yahoo.com  Tel.: 65 32 42 dilmalik@mail.tps.uz  Tel.: 65 32 42  Te				
46.Dr. Kayumov\ UzbekistanChief of Department, Central Asian Research Institute of Irrigation (SANIIRI)Tashkent, Karasu-4, 11, Uzbekistan47.Dr. Mark Anstey\ UzbekistanRgional Biodiversity Advaser, UNDP Country Office4, T.Shevchenko str., Tashkent, Uzbekistan Mark.Anstey@undp.org48.Dr. Muchtor Nasyrov\ UzbekistanChief of Department, Plant Physiology and microbiology Samarqand State UniversityUzbekistan, Samarkand muhtorn@yahoo.com49Dr. Zakhid Nazirov\Deputy Director,K. Makhsumov str. 72,				
Uzbekistan Central Asian Research Institute of Irrigation (SANIIRI)  Tel.: 65 32 42 dilmalik@mail.tps.uz  Tel.: 65 32 42				
of Irrigation (SANIIRI)  Tel.: 65 32 42 dilmalik@mail.tps.uz  Tel.: 65 32 42 dilmali	46.			
47.       Dr. Mark Anstey\ Uzbekistan       Rgional Biodiversity Advaser, UNDP Country Office       4, T.Shevchenko str., Tashkent, Uzbekistan         48.       Dr. Muchtor Nasyrov\ Uzbekistan       Chief of Department, Plant Physiology and microbiology Samarqand State University       Uzbekistan, Samarkand muhtorn@yahoo.com         49       Dr. Zakhid Nazirov\       Deputy Director,       K. Makhsumov str. 72,		Uzbekistan	Central Asian Research Institute	Uzbekistan
47. Dr. Mark Anstey\ Uzbekistan  47. Dr. Mark Anstey\ Uzbekistan  47. Under Country Office  48. Dr. Muchtor Nasyrov\ Uzbekistan  Plant Physiology and microbiology Samarqand State University  49. Dr. Zakhid Nazirov\ Deputy Director,  Agional Biodiversity Advaser, UNDP Country Office  48. T.Shevchenko str., Tashkent, Uzbekistan Mark.Anstey@undp.org Uzbekistan, Samarkand muhtorn@yahoo.com  K. Makhsumov str. 72,			of Irrigation (SANIIRI)	Tel.: 65 32 42
47.       Dr. Mark Anstey\ Uzbekistan       Rgional Biodiversity Advaser, UNDP Country Office       4, T.Shevchenko str., Tashkent, Uzbekistan Mark.Anstey@undp.org         48.       Dr. Muchtor Nasyrov\ Uzbekistan       Chief of Department, Plant Physiology and microbiology Samarqand State University       Uzbekistan, Samarkand muhtorn@yahoo.com         49       Dr. Zakhid Nazirov\       Deputy Director,       K. Makhsumov str. 72,			_ ` ` ′	dilmalik@mail.tps.uz
Uzbekistan UNDP Country Office Tashkent, Uzbekistan Mark.Anstey@undp.org  48. Dr. Muchtor Nasyrov\ Uzbekistan Plant Physiology and microbiology Samarqand State University  Uzbekistan, Samarkand muhtorn@yahoo.com  K. Makhsumov str. 72,	47.	Dr. Mark Anstev\	Rgional Biodiversity Advaser	
48.       Dr. Muchtor Nasyrov\ Uzbekistan       Chief of Department, Plant Physiology and microbiology Samarqand State University       Uzbekistan, Samarkand muhtorn@yahoo.com         49       Dr. Zakhid Nazirov\       Deputy Director,       K. Makhsumov str. 72,	•			
48.Dr. Muchtor Nasyrov\ UzbekistanChief of Department, Plant Physiology and microbiology Samarqand State UniversityUzbekistan, Samarkand muhtorn@yahoo.com49.Dr. Zakhid Nazirov\Deputy Director,K. Makhsumov str. 72,		CLOCKISMII	Citizi Country Office	
Nasyrov\ Uzbekistan Plant Physiology and microbiology Samarqand State University  19 Dr. Zakhid Nazirov\ Deputy Director, K. Makhsumov str. 72,	40	D. M1-4	Chief of Devictor	
microbiology Samarqand State University  49 Dr. Zakhid Nazirov\ Deputy Director, K. Makhsumov str. 72,	48.		*	-
University  49 Dr. Zakhid Nazirov\ Deputy Director, K. Makhsumov str. 72,		Nasyrov\ Uzbekistan	2 22	muhtorn@yahoo.com
49 Dr. Zakhid Nazirov\ Deputy Director, K. Makhsumov str. 72,				
49 Dr. Zakhid Nazirov\ Deputy Director, K. Makhsumov str. 72,			University	
	49	Dr. Zakhid Nazirov\	·	K. Makhsumov str. 72.
L LASHKENI /UUUD/		Uzbekistan		Tashkent 700052

	TT 1 1' 4	CANICNAL	T 11 + 700052
	Uzbekistan	SANIGMI	Tashkent 700052,
			Uzbekistan
			sanigmi@albatros.uz
50.	Dr. Sergey Myagkov	Deputy Director,	K. Makhsumov str. 72,
	\ Uzbekistan	SANIGMI	Tashkent 700052,
			Uzbekistan
			sanigmi@albatros.uz
51	Dr. Vladimir	Chief of Department,	K. Makhsumov str. 72,
	Usmanov∖	SANIGMI	Tashkent 700052,
	Uzbekistan		Uzbekistan
			sanigmi@albatros.uz
52	Ms. Natalia	Senior Scientist,	K. Makhsumov str. 72,
	Agaltseva\	SANIGMI	Tashkent 700052,
	Uzbekistan		Uzbekistan
			sanigmi@albatros.uz
53	Dr. Raisa	Chief of Laboratory,	K. Makhsumov str. 72,
	Toryannikova\	SANIGMI	Tashkent 700052,
	Uzbekistan	STI (IGIVII	Uzbekistan
	O ZO CKISTUM		sanigmi@albatros.uz
54	Mr. V. Prihodko\	Senior Scientist,	Tashkent, Karasu-4, 11,
34	Uzbekistan	SIC ICWC	Uzbekistan
	OZOCKISTAII	Sie ie we	dukh@icwc-aral.uz
55	Dr. D. R. Razakov\	Chief, Scientific Consulting	Tashkent, Usmon Nosir str.
33	Uzbekistan	Center 'ECOCERVICE'	13a, Uzbekistan
56	Dr. Azamat Azizov\	Chief of Department,	Tashkent 700095,
50			,
	Uzbekistan	National University of	Vuzgorodok, NUUz,
	N. A. 1. 1. 1. 1.	Uzbekistan	Uzbekistan
57	Mr. Abdukhakim	Dean, Natural Resources	39, Kary-Niyoziy str.,
	Salokhitdinov/	Management	Tashkent, Uzbekistan
	Uzbekistan	Tashkent Institute of irrigation	
		and Agriculture Mechanization	
		Engineers	
58	Mr. Maruf Musaev/	Chair of Ecology Chemistry,	Vuz-Gorodok str., Oil and
	Uzbekistan	Oil and Gas faculty,	Gas Faculty, Tashkent
		Tashkent State Technical	700095, Uzbekistan.
		University	
59	Mr. Ravshan	Organizing Committee of the	Uzbekistan, Tashkent
	Mamatkulov/	Workshop	Tel. 139 41 95
	Uzbekistan		
60	Ms. Dilnoza	Organizing Committee of the	Uzbekistan, Tashkent
	Rahmatullaeva/	Workshop	Tel. 152 94 87, 54 93 07
	Uzbekistan	,	
	Ozbekistan		