



First Expert Group Meeting
Development of decision-making tools for geo-drought monitoring
and early warning in Central Asia
Venue: Cholpon-Ata, Issyk-Kul, Kyrgyzstan, 4-5 July 2019

Provisional Programme

4 July Thursday

Session 1: Opening Session	
09:30 – 09:50	<p>Facilitated by Mr. Otorbekov Baizak, Head of International cooperation Department, Ministry of Emergency Situations of Kyrgyz Republic</p> <ul style="list-style-type: none"> • Welcome address <ul style="list-style-type: none"> ✓ Mr. Nikolay Pomoshchnikov, Officer-in-Charge, Subregional Office for North and Central Asia, UNESCAP ✓ Mr. Agliullin RENAT, Attache for Economic Issues, Embassy of Russian Federation to Kyrgyzstan ✓ Mr. Ahmatov Kalys, Deputy Minister, the Ministry of Emergency Situations of Kyrgyzstan <p style="text-align: center;">Group Photo</p>
Session 2: Frameworks and models of decision-making tools for drought monitoring and early warning	
10:00 – 13:00	<p><i>Facilitated by Mr. Tae Hyung KIM, Economic Affairs Officer, IDD, ESCAP</i></p> <ul style="list-style-type: none"> • Objectives and expected outputs of the EGM <ul style="list-style-type: none"> ✓ Mr. Tae Hyung KIM, Economic Affairs Officer, IDD, ESCAP • Drought monitoring and early warning in Kyrgyzstan <ul style="list-style-type: none"> ✓ Dr. Isaev Erkin, Chief Specialist, Agency of Hydrometeorology under the Ministry of Emergency Situations of Kyrgyz Republic • Agricultural challenges and drought monitoring for early warning <ul style="list-style-type: none"> ✓ by Mr. Renat Tokbaev, Head of External Relations and Investment Division, Ministry of Agriculture, Food Industry and Amelioration of Kyrgyzstan (tbc) <p><China></p> <ul style="list-style-type: none"> • DroughtWatch Model and its Applications (60 minutes)

	<ul style="list-style-type: none"> ✓ Prof. Bing Fang, Institute of Remote Sensing and Digital Earth (RADI), State Key Laboratory of Remote Sensing Science, Chinese Academy of Sciences (CAS), China ✓ Dr. Odbayar Mishigdorj, Head of Remote Sensing Division, Information and Research Institute of Meteorology, Hydrology, Environment of National Agency for Meteorology and Environment Monitoring, Mongolia ✓ Dr. Hongwei Zeng, Associate Professor, Institute of Remote Sensing and Digital Earth (RADI), State Key Laboratory of Remote Sensing Science, Chinese Academy of Sciences (CAS), China <p style="text-align: center;">Coffee Break 11:15 – 11:30</p> <p><ASEAN></p> <ul style="list-style-type: none"> • Application of Regional Drought and Crop Yield Information System in Lower Mekong Region and Its Applicability in Kyrgyzstan (40 minutes) <ul style="list-style-type: none"> ✓ Mr. Susantha Jayashinghe, Climate Data Analyst, Asian Disaster Preparedness Center ✓ Dr. Rishiraj Dutta, Senior Programme Specialist, Geoinformatics Center, Asian Institute of Technology (AIT) <p><Republic of Korea></p> <ul style="list-style-type: none"> • Proposed model on decision making tools for drought monitoring and early warning in Kyrgyzstan with an emphasis on use of geospatial-statistical data (40 minutes) <ul style="list-style-type: none"> ✓ Prof. Woo-Kyun Lee, Center of Environmental GIS, Korea University, Korea • The Korean government's drought management system (20 minutes) <ul style="list-style-type: none"> ✓ Dr. Hae Kyong Kang, Research Fellow, Geospatial information Research Division, Korea Research Institute for Human Settlements (KRIHS), Korea <p style="text-align: center;">floor open for Q & A</p>
13:00 – 14:00	Lunch
Session 3: Good practices on decision-making process for drought monitoring and early warning in Asia-Pacific region	
14:00 – 15:30	<p><i>Facilitated by Mr. Nikolay Pomoshchnikov, Officer-in-Charge, Subregional Office for North and Central Asia (ESCAP)</i></p> <p><Russian Federation></p> <ul style="list-style-type: none"> • Use of remote sensing and ground data for drought monitoring and agrometeorology (20 minutes)

	<ul style="list-style-type: none"> ✓ Mr. Evgenii Vasilenko, Research Scientist, Roshydromet, Russia ✓ Ms. Olga Savitskaya, Researcher of the Laboratory of Remote Methods of Agrometeorological Monitoring, National Research Institute on Agricultural Meteorology, Russia <p style="text-align: center;">floor open for Q & A</p> <p style="text-align: center;">Coffee-break</p> <ul style="list-style-type: none"> • Geospatial Statistical Hydro - Thermal Indicator for Drought Monitoring in the Changing Climate Conditions (20 minutes) <ul style="list-style-type: none"> ✓ Dr. Mikhail Nikolaev, Senior Scientist, Agrophysical Research Institute, Russia • Climate change and solutions for drought management with project case of Tajikistan (20 minutes) <ul style="list-style-type: none"> ✓ Dr. Vasily A Kokorev, Researcher, ITC, University of Twente, the Netherlands
Session 4: Sharing Programme, Project, Plan and Activity: Decision-making Tools on Drought, Disaster, Geospatial Information Systems and Innovative Technology Applications in Kyrgyzstan	
15:50 - 17:00	<i>Facilitated by Mr. Tae Hyung KIM, Economic Affairs Officer, IDD, ESCAP</i> <Uzbekistan> <ul style="list-style-type: none"> • Key challenges and systems for drought monitoring and early warning in Uzbekistan (20 minutes) <ul style="list-style-type: none"> ✓ Mr. Bakhodir Kuziyev, Head of Department on Combating Desertification and Drought, State Committee on Forestry of the Republic of Uzbekistan

5 July Friday

Session 4: Sharing Programme, Project, Plan and Activity: Decision-making tools on Drought, Disaster and Geospatial Information Systems (Continues)	
09:00 – 10:30	<p><i>Facilitated by Mr. Tae Hyung KIM, Economic Affairs Officer, IDD, ESCAP</i></p> <ul style="list-style-type: none">• CESDRR: Central Asia challenges and needs for drought monitoring and early warning (20 minutes)<ul style="list-style-type: none">✓ Ms. Samal, Center for Emergency Situations and Disaster Risk Reduction (CESDRR), Almaty, Kazakhstan• OICT Enterprise Solution Services<ul style="list-style-type: none">✓ Mr. Hwa Saup Lee, Enterprise Application Centre – Asia (EAC-Asia), Office of Information and Communications Technology (OICT), United Nations Secretariat• Integrated natural resources management in drought-prone and salt-affected agricultural production landscapes in Central Asia and Turkey<ul style="list-style-type: none">✓ Mr. Matraim Jusupov, National Project Coordinator, Food and Agriculture Organization of the United Nations (FAO)
Session 5: New Project Proposal - Transforming from Decision-Making Tool toward Decision Making System	
10:30 – 12:30	<p><i>Facilitated by Mr. Tae Hyung KIM, Economic Affairs Officer, IDD, ESCAP</i></p> <ul style="list-style-type: none">• Presentation of key ideas on new project on decision making systems• Key points to be discussed for development of next-step joint project<ul style="list-style-type: none">✓ What are scope and key outputs of the project✓ Framework, models and action plans suitable to pilot countries✓ Key activities: study, EGM, workshop, policy forum?✓ Milestone-based work schedule✓ Participating stakeholders: countries, UN agencies, regional organizations, donors <p style="text-align: center;">Coffee-break</p> <ul style="list-style-type: none">• Suggestions for future models on drought monitoring and early warning in Kyrgyzstan<ul style="list-style-type: none">✓ Dr. Isaev Erkin, Chief Specialist, Agency of Hydrometeorology under the Ministry of Emergency Situations of Kyrgyz Republic

12:30 - 13:30	Lunch
Session 6: Concluding key points	
13:30 - 14:30	<p><i>Facilitated by Mr. Tae Hyung KIM, Economic Affairs Officer, IDD, ESCAP</i></p> <ul style="list-style-type: none"> • Discussion on key conclusions <ul style="list-style-type: none"> ✓ How to further develop proposed models on decision making tools for drought monitoring and early warning ✓ What actions are needed to activate and apply models in Kyrgyzstan ✓ Milestone-based work schedule including next EGM in Korea ✓ Policy workshop based on outputs of EGMs in March 2020 <p style="text-align: center;">Coffee-break</p>
14:30 - 15:00	<ul style="list-style-type: none"> • Closing Session <ul style="list-style-type: none"> ✓ Mr. Nikolay Pomoshchnikov, Officer-in Charge, Subregional Office for North and Central Asia (UNESCAP) ✓ Mr. Baizak Otorbekov, Chief of International Cooperation Department, Ministry of Emergency Situations of Kyrgyzstan