

Expert Consultation Meeting on Regional Cooperation for Building Resilience to Slow-Onset Disasters, including Sand and Dust Storms, and Information Management for Cross- border Disasters in Asia and the Pacific

Espinass Hotel, Keshavarz blvd, Tehran, 5-6 November 2018

Agenda

Objectives of consultation meeting:

The consultation has three key objectives:

- Review the draft cross-border disaster atlas that serves as the first component of APDIM's database repository
- Agree on the elements for an information sharing and capacity development framework for decision-making support on slow-onset disasters, including sand and dust storms
- Set up the partnership network for implementation through APDIM's programme of work

Day 1: Monday 5 November 2018	
08:00– 09:00	Registration
9:00– 10:00	<p>Opening session</p> <ul style="list-style-type: none"> • Welcome and introducing the objectives and programme of the meeting by Mr. Mostafa Mohaghegh, Senior Coordinator, APDIM/ESCAP • Speech by Ms. Ugochi Daniels, UN Resident Coordinator, Islamic Republic of Iran • Keynote speech by Dr. Naser Moghaddasi, Head of International Affairs and Conventions Centre, Department of Environment of the Islamic Republic of Iran. • Keynote speech by Mr. Seyed Ali Mohammad Mousavi, Director General for International Environmental and Sustainable Development Affairs, Ministry of Foreign Affairs of the Islamic Republic of Iran • Welcome remarks by Dr. Seyed Hamid Pourmohammadi, Deputy Vice President, Plan and Budget Organization (PBO), Islamic Republic of Iran and Chairman of APDIM Governing Council.
10:00- 10:30	Break

<p>10:30- 12:00</p>	<p>Information management and decision support systems for disaster risk reduction and resilience: opportunities for regional cooperation</p> <p>Chair: Mr. Seyed Ali Mohammad Mousavi, Director General for International Environmental and Sustainable Development Affairs. Ministry of Foreign Affairs of the Islamic Republic of Iran</p> <ul style="list-style-type: none"> • Shared vulnerabilities arising from cross border disasters in Asia and the Pacific: opportunities for regional cooperation and actions: by Dr. Sanjay Srivastava, Chief, Disaster Risk Reduction, ESCAP • Global Centre for Disaster Statistics – UNDP partnership, by Mr Sanny Jegillos, Senior Adviser, Disaster Risk Reduction, UNDP Regional Hub, Bangkok • Global Multi-hazard Alert System (GMAS-Asia), by Dr. Wang Yi, National Meteorological Centre, China Meteorological Administration (CMA), Beijing • South Asia Drought and Climate Risk Monitor – Opportunities for Regional Cooperation and Action, Dr. Giriraj Amarnath, Team Lead, International Water Management Institute (IWMI), Colombo, Sri Lanka • The Islamic Republic of Iran’s experience in information management for disaster risk reduction and building resilience, by Mr. Mehdi Rahmatinejad, Head of Disaster Information Management Centre, National Disaster Management Organization (NDMO) of the Islamic Republic of Iran. <p>The session will:</p> <ul style="list-style-type: none"> • highlight the region’s shared vulnerabilities to both slow onset and extreme events, • deliberate on global/regional/sub-regional initiatives by partners on disaster loss data, information sharing, multi-hazard risk information and alert platforms, • highlight the Islamic Republic of Iran’s initiatives on disaster loss database and information management system, • identify the gaps and outline the opportunities for regional cooperation and action. 	
<p>12:00 – 13:30</p>	<p>Lunch break</p>	
	<p>Parallel Workshop I: (Room: Pasargad 2)</p> <p>Regional Cooperation Mechanism for Building Resilience to Slow-Onset Disasters including Sand and Dust Storms in Asia and the Pacific</p>	<p>Parallel Workshop II: (Room: Persian Gulf 2)</p> <p>Building the Partnership Networks: Information Management for Cross-border Disasters</p>

<p>13:30 - 14:30</p>	<p>Session 1: Building Resilience to Slow-Onset Disasters</p> <p><i>Moderator: Dr. Ahad Vazifeh, Director of Forecasting Department, Islamic Republic of Iran Meteorological Organization (IRIMO)</i></p> <ul style="list-style-type: none"> Managing sand and dust storms, opportunities and challenges, Dr. Nicholas John Middleton, Professor, University of Oxford Introduction of APDIM's prototype, "Regional Cooperation Mechanism for Building Resilience to Slow-Onset Disasters", Dr. Sanjay Srivastava, Chief, Disaster Risk Reduction, ESCAP Discussion (led by the Department of Environment of Iran) <p>The session will:</p> <ul style="list-style-type: none"> highlight the complexity of understanding sand and dust storm risks and how they are managed globally by information sharing and partnership network, introduce APDIM's proto-type regional cooperation mechanism, highlight the Islamic Republic of Iran's initiatives on managing sand and dust storms, discuss the feasibility of integrating APDIM's proto-type with WMO's Global Multi-hazard Alert System, recommend the way forward to implement the ESCAP/APDIM's work on alert mechanism for slow onset disasters in South and South West, and Central Asia. 	<p>Session 1: Presentation of APDIM's draft report - Atlas of Cross-Border Disasters in South and South-West and Central Asia</p> <p><i>Moderator: Dr. Farokh Tavakoli- Advisor to Director, National Cartographic Centre of Iran (NCC)</i></p> <ul style="list-style-type: none"> Introduction of APDIM's "Cross Border Disaster Atlas - A Draft, Mr. Amin Shamseddini, Consultant, ESCAP Tsunami risk in Asia and the Pacific, Dr. T Srinivasa Kumar, Head, Indian Ocean Tsunami Warning and Mitigation System (IOTWMS), Perth Discussions <p>The session will:</p> <ul style="list-style-type: none"> review the draft cross boarder disaster atlas - prepared by APDIM/ESCAP, introduce decision support tools based on the atlas databases - hazard, exposure and vulnerability, present tsunami risk profiles, share the experiences of the recent IOWave exercises, identify the gaps in information and capacity development in the specific context of the Makran subduction zone, demonstrate applications of cross border atlas in the Makran subduction zone,
<p>14:30 - 15:30</p>	<p>Session 2: Multi-hazard risk assessment</p> <p><i>Moderator: Dr. Masoud Tajrishi, Deputy Head of Human Environment, Department of Environment, of Islamic Republic of Iran</i></p>	<p>Session 2: Partnership network for seismic risk reduction and tsunami (Makran subduction zone)</p> <p><i>Moderator- Dr. Al-Maskari Juma Said Ahmed, Director General of Meteorology, Public Authority for Civil Aviation, Muscat</i></p>

	<ul style="list-style-type: none"> • Dr V K Soni, Head, Environment Monitoring Centre, Indian Meteorological Department, New Delhi • Dr Nana Yan, Professor, Institute of Remote Sensing and Digital Earth, Chinese Academy of Sciences (CAS), Beijing (on Skype) • Dr. Saviz Sehat Kashani, Assistant Professor, Atmospheric Chemistry and Air Pollution Research Group, Atmospheric Science and Meteorological Research Center (AS MERC). Islamic Republic of Iran Meteorological Organization (IRIMO) <p>The session will:</p> <ul style="list-style-type: none"> • highlight practices in China [CropWatch - agricultural monitoring cloud platform for drought assessment in Asia], India [desertification monitoring - indicator-based multi-hazard monitoring and alerting approach] and Iran [sand and dust storm monitoring and alert systems], • recommend the way forward to implement the ESCAP/APDIM's work on alert mechanism for slow onset disasters in South and South West, and Central Asia. 	<ul style="list-style-type: none"> • Importance of seismic risk assessment in Makran area. By Dr. Ali Beitollahi, Building and Housing Research Centre of Iran (BHRC) • Tsunami a growing disaster in Makran- the latest development. By Dr. Mohammad Mokhtari. International Institute of Earthquake Engineering and Seismology (IIEES) • The Tsunamis of Makran from Geological Past to Modern Era. By Dr. Abdolmajid Naderi Beni, Iranian National Institute for Oceanography and Atmospheric Science (INIOAS) • Dr. Puji Pujiono, Expert, Indonesian Experience of Tsunami 2018 <p>The session will:</p> <ul style="list-style-type: none"> • discuss the partnership network through various initiatives including the Global Earthquake Model (GEM) foundations, BHRC and IIEES activities, • shape the partnership network for seismic (South West and Central Asia) and tsunami (Makran subduction zone) - involving INIOAS, Oman Multi-hazard early warning system and UNESCO-IOC networks
15:30 - 16:00	Break	Break
16:00 - 17:30	<p>Session 3: Monitoring, Assessment and Alert system for slow-onset disasters (regional experiences) <i>Moderator, Dr. Sanjay Srivastava, Chief, Disaster Risk Reduction, ESCAP</i></p> <ul style="list-style-type: none"> • Dr. Youlin Yang, Regional Coordinator, Asia-Pacific RC4, UNCCD • Dr. Giriraj Amarnath, Team Lead, 	<p>Session 3: Partnership network for information management <i>Moderator, (tbc)</i></p> <ul style="list-style-type: none"> • SATRA: A Web based System for Development Assessment and Observation of Spatial Planning in Iran- by Mr. Hussein Karami, Expert for Planning, Spatial Monitoring. PBO

	<p>International Water Management Institute (IWMI), Colombo, Sri Lanka</p> <ul style="list-style-type: none"> • The session will: • discuss multi-parameter and indicators-based alert mechanisms for slow onset disaster, • recommend the piloting of alert systems for slow onset disasters in selected geographical areas . 	<ul style="list-style-type: none"> • Application of SDI in disaster risk management, Presentation by Eng. Nima Ghasemlou, Head of Spatial Data Infrastructure, National Cartographic Centre of Iran (NCC) • How disaster resilience monitoring can be integrated into regional disaster information mechanism? By Dr. Abbas Ostadtaghizadeh, Assistant Professor at Tehran University of Medical Science • Role of people and communities in disaster information management, Iranian Red Crescent Society (IRCS) <p>The session will:</p> <ul style="list-style-type: none"> • discuss suitable SDI to be implemented through cross boarder disaster databases, • recommend SDI models for capacity development.
Day 2: Tuesday 6 November 2018		
9:00 – 11:00	<p>Session 4: Slow-onset disasters (Data mining/sharing and partnership) <i>Moderator- Mr. Sanny Jegillos, Senior Adviser, Disaster Risk Reduction, UNDP Regional Hub, Bangkok</i></p> <ul style="list-style-type: none"> • Dr. Koji Suzuki, Executive Director, Asia Disaster Reduction Centre (ADRC), Kobe (on skype) • Dr Wang Yi, National Meteorological Centre, China Meteorological Administration (CMA), Beijing World Meteorological Centre, Regional Specialized Meteorological Centre for Sand and Dust Storm, Beijing • Dr V K Soni, Head, Environment Monitoring Centre, Indian Meteorological Department, New Delhi <p>The session will:</p> <ul style="list-style-type: none"> • discuss data sharing mechanisms and partnership arrangements to be implemented through APDIM's programme of work, • identify APDIM's partnership 	<p>Session 4: Partnership network for floods <i>Moderator – Dr. T Srinivasa Kumar, Head, Indian Ocean Tsunami Warning and Mitigation System (IOTWMS), Perth</i></p> <ul style="list-style-type: none"> • Dr. Giriraj Amarnath, Team Lead, International Water Management Institute (IWMI), Colombo, Sri Lanka • Ms. Ingrid Dispert, Associate Expert in Disaster Risk Reduction, ESCAP • Forests, Range and Watershed Management Organization (FRWMO) • Water Research Institute (WRI) & Soil and Water Research Institute <p>The session will:</p> <ul style="list-style-type: none"> • discuss the way forward to scale up IWMI's South Asia Drought Monitoring System (SADMS), South Asia - floods and climate risk monitoring networks using APDIM's work programme, • recommend piloting impact-based flood forecasting pilots in selected transboundary river-basins.

	network for data sharing and capacity development involving RSMCs – China and India (IMD), ADRC – Kobe, IRIMO, DoE etc.	
11:00 – 11:30	Break	Break
11:30 – 12:30	<p>Session 5: Panel discussion on regional cooperation for building resilience to slow onset disasters and enhancing disaster risk assessment</p> <p><i>Moderator - Dr Wang Yi, National Meteorological Centre, China Meteorological Administration (CMA), Beijing</i></p> <p>The session will deliberate and outline an action plan to put in place a regional cooperation mechanism for slow onset disasters.</p>	<p>Session 5: Partnership network for cyclones</p> <p><i>Moderator – • Dr. Al-Maskari Juma Said Ahmed Chair, WMO/ESCAP Panel on Tropical Cyclones (PTC), Meteorological Affairs, Public Authority for Civil Aviation, Oman</i></p> <ul style="list-style-type: none"> • Ms. Maedeh Fathi, Islamic Republic of Iran Meteorological Organization (IRIMO) • Ms. Ingrid Dispert, ESCAP <p>The session will discuss integrating APDIM’s programme of work with ESCAP/WMO Typhoon Committee and WMO/ESCAP Panel on Tropical Cyclone – Working Group on Disaster Risk Reduction.</p>
13:00 – 14:00	Lunch	Lunch
14:00 – 15:00	<p>Joint closing Session:</p> <p>Moderator: Mr. Hadi Daryaei, Deputy for International Affairs, Plan and Budget Organization of the Islamic Republic of Iran</p> <ul style="list-style-type: none"> • Presentations of outcomes of the parallel workshops and recommendations for way forward. By Dr. Sanjay Srivastava, Chief, Disaster Risk Reduction, ESCAP <p>The recommendations will be submitted to the APDIM’s Governing Council meeting at its 3rd session in December 2018, Tehran.</p> <p>Closing remarks:</p> <ul style="list-style-type: none"> - APDIM - Plan and Budget Organization of the Islamic Republic of Iran 	
15:00-17:00	Visit to APDIM	