1. **Background and Purpose**

Increasingly, natural disasters are causing considerable loss of life and disrupting national economies, severely weakening the affected countries. While neither natural nor man-made hazards can be entirely prevented, information and communication technologies (ICT) can help reduce their impact and avoid them turning into disasters that impede sustainable development.

The purpose of this event is to bring together the main stakeholders active in the dissemination of ICTs and their use for disaster mitigation, and to serve as a forum in which they can map out concrete strategies and adopt practical measures aimed at giving ICTs a central role to play in disaster prevention and management, i.e. **early warning, preparedness, relief and response**. The discussions will focus on policy, regulation, technology, finance and the deployment of last-mile communications systems. The debate will take a **multi-hazard approach,** as the role of ICTs remains the same irrespective of the nature or type of disaster at hand. Attention will also be focused on the ways in which last-mile solutions can be integrated into existing and future early warning systems. For this, cooperation with other organizations involved in disaster prevention and management is an essential element.

2.   **Registration**

Registration is by the accompanying registration form before or on the day of the event. Badges will be available for collection at the entrance to the meeting venue. Forms completed before the event should be faxed to: Fax: XXXXXXXXXXX or Email:

3.   **Dates:** 7 – 9 September, 2009

4.   **Venue**:

5.   E**ssential reading**

1. **The Handbook on Emergency Telecommunications** is now available, in English, French and Spanish. To obtain a copy, please telephone +41 22 730 51 94, send an e-mail to sales@itu.int, or visit http://www.itu.int/itudoc/itu-d/publicat/86892.html.

2. **ITU Compendium on Emergency Telecommunications** is now available, in English, French and Spanish. To obtain a copy, please telephone +41 22 730 51 94, send an e-mail to sales@itu.int, or visit http://www.itu.int/itudoc/itu-d/publicat/86892.html.

3. **Best Practice on Emergency Telecommunications**. To obtain a copy contact: cosmas.zavazava@itu.int

4. **Guidelines on the Common Alerting Protocol (CAP).** To obtain a copy contact: cosmas.zavazava@itu.int

5. Contact details of ITU Area Office:

Mr.
Tel: +
Fax: +
[Email](#):

7. Registration

Registration is by the accompanying registration form. Badges will be available at the meeting.

SIGET SUPERINTENDENCIA GENERAL DE ELECTRICIDAD Y TELECOMUNICACIONES	UIT	COMTELCA

Multi-stakeholder meeting on the use of Information and Communication Technologies (ICT) in Disaster Management
San Salvador, El Salvador
21 – 23 September 2009

Agenda

Day One: Monday 21 September 2009

08.00	Registration
09.00	*Opening* 1. Mr. Alejandro Maldonado, President of the Coordination Center for Prevention of Natural Disasters in Central America (CEPREDENAC) 2. Mr. Roberto Bastidas-Buch, International Telecommunication Union, Telecommunication Development Bureau (BDT), ITU 3. Mr. Tomás Campos, Superintendente SIGET
10.00	Group Photo
10.15-10.30	Morning Coffee
SESSION 1 DISASTER MANAGEMENT TODAY *The first session will look at the role of telecommunications/ICT in disaster mitigation, in the face of increasing disasters. It will also look at the threat caused by disasters to the development agenda and plans.*	

10.15	• Role of Telecommunications/ICT in disaster communications
	   Ms. Maritza Delgado, ITU, Telecommunication Development Bureau
	
	• Current State of Telecommunications/ICT Infrastructure in Central America
	    Mr. Iván Morales. Executive Secretary of CEPREDENAC
	
	• Role of Radio Amateurs in Disaster Response/Relief
	    Mr. Cesar Pío Santos, Director of the IARU for Central America's disaster Management
	
	Open Discussions

12.30	Lunch
SESSION 2 MULTI-STAKEHOLDER PARTNERSHIPS IN DISASTER MANAGEMENT **This session will explore the potential of pooling resources for disaster management by various stakeholders in a multi-disciplinary approach**	
14:00 – 15:00	**Panel Discussion on partnering for disaster management in Central America** • ITU – IRIDIUM - IMMARSAT • SICA – PLAN MESOAMERICA- COMTELCA • CEPREDENAC and INTERNATIONAL ORGANISATIONS • IARU

15.00-15.15	Coffee Break

SESSION 3
POLICY AND REGULATORY ASPECTS RELATED TO
EMERGENCY COMMUNICATIONS PLANNING

This session will focus on the legal framework set by the Tampere Convention, look at the role of telecommunication regulation, and discuss policy issues related to effective deployment of telecommunications/ICT for disaster management

15:15 – 15:45	• The Tampere Convention on the Provision of Telecommunication Resources for Disaster Mitigation and Relief Operations *Ms Maritza Delgado, ITU, Telecommunication Development Bureau*
15:45 – 16:15	• Regulatory Aspects of Emergency Telecommunications including licensing and spectrum management issues *Mr. Carlos Valle, Representative of the Regulatory Agency SIGET*
16:15 – 16:45	• Use of Emergency Communications in International Disaster Operations: Legal and Policy Considerations *Ms. Maritza Delgado, ITU, Telecommunication Development Bureau*
16:45 – 17:15	Discussions and Chairman's Closing Remarks
17:15	*End of day one*

Day Two: Tuesday 22 September 2009

SESSION 4 *HANDS -ON DEMONSTRTAION OF SATELLITE TERMINALS AND RADIO AMATEUR EQUIPMENT* *The session will focus on demonstrating different types of equipment that is portable and easy to transport for use in disaster relief such as Iridium, and Inmarsat satellite terminals and radio equipment*	

08:30 – 10:00	Telecomunicaciones satelitales, el rol y desafíos en el manejo de desastres.
	
	 • The programme for deployment of the satellite terminals from ITU for disaster relief operations.
	     o ITU's responsabilities
	     o National responsabilities
	
	 • National organization for operation of the satellite equipment.
	
	 Ms. Maritza Delgado, UIT, Telecommunication Development Bureau
	
	 Question and Answer Session, and Discussions

10:10:15	*Morinig coffe*

SESSION 5 **TECHNOLOGY SEGMENT**	
10:15 – 12:30	Role of Satellite Communications and Challenges • *Olga Madrug-Forti, Vice President, Regulatory and Legal, for Iridium Satellite LLC* • *Christopher Murphy,Senior Director Government Affairs Inmarsat Inc.* • *Benoit Chabrier, Telecom Sans Frontière* • *VP Legal y de Regulación de Iridium Satellite LLC* • *Cesar Pío Santos, , Director for Central America of IARU for disaster management* Question and Answer Session, and Discussions
12:30	**Lunch**

SESSION 5 **TECHNOLOGY SEGMENT**	
14:00 – 17:00	Workshop: Operatiof of Satellite Terminals • *Iridium's satellite terminals (Group 1)* • *Inmarsat's satellite terminals (Group 1)* • *Iridium's satellite terminals (Group 2)* • *Inmarsat's satellite terminals Group 2)* • *Terminals of VHF/UHF and radio amateurs* Discussions and Conclusions
17:00	**End of day**

Day Three: 23 September 2009

08.30	*Opening session*

	SESSION 6 **Countries presentations: Case of Studies**
8:30 – 11:00	*Presentation of: El Salvador* *Presentation of: Guatemala* *Presentation of: Honduras* *Presentation of: Nicaragua* *Presentation of: Costa Rica*
11:00.-11.30	*Morning Coffee*
11.30	Drafting of the Final Report and Action Plan
12.30	*Lunch*
14.00	**Adoption of the Final Report and Action Plan**
16.00	*Closing Ceremony*