



Radiocommunication Bureau (BR)

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Contact: Joaquin Restrepo, SGD
Telephone: +41 22 730 5733
Telefax: +41 22 730 5785
E-mail: joaquin.restrepo@itu.int

AFG, ARS, AUS, BGD, BHR, BRM, BRU, BTN, C, CBG, CLN, FJI, FSM, IND, INS, IRN, IRQ, ISR, J, JOR, KIR, KOR, KRE, KWT, LAO, LBN, MHL, MLA, MLD, MNG, NPL, NRU, NZL, OMA, PAK, PHL, PNG, QAT, SLM, SMO, SNG, SYR, THA, TLS, TON, TUV, UAE, VTN, VUT, YEM

Subject: **ITU Regional Radiocommunication Seminar 2021 for Asia and the Pacific (RRS-21-Asia-Pacific)**
Online Seminar, 11-22 October 2021

Dear Madam, Sir,

I am pleased to inform you that the [International Telecommunication Union](#) (ITU) is organizing the Regional Radiocommunication Seminar 2021 for Asia-Pacific (RRS-21-Asia-Pacific), in collaboration with [Asia-Pacific Telecommunity](#) (APT)

The RRS-21-Asia-Pacific will be held online over the period 11-22 October 2021 (see the Annex: Draft programme) with 3-hour daily sessions (weekdays only). The seminar's content will be organized as follows:

- A pre-seminar web tutorial will be available on the Seminar's website. This tutorial will provide the basic concepts of spectrum management at national and international levels, their links with ITU [Radio Regulations](#) (RR), ITU and [ITU-R](#) structures and functions, including the study groups and BR departments, and ITU basic texts, with emphasis on the RR and their associated Rules of Procedure (RoP). A good understanding of the pre-seminar web tutorial concepts is required in order to be able to participate actively in the Seminar.
- The first part of the Seminar will cover concepts related to international spectrum management and the procedures for recording of frequency assignments in the [Master International Frequency Register](#) (MIFR). This will be followed by a review of the modifications to the RR, associated [World Radiocommunication Conference](#) (WRC) Resolutions and ITU-R Resolutions decided by the last WRC (WRC-19) and [Radiocommunication Assembly](#) (RA-19), as well as a review of the agenda of the upcoming WRC-23. These sessions will also cover the current regulatory framework for international frequency management and the ITU-R Recommendations and best practices regarding the use of spectrum for both terrestrial and space services. This will include basic training on ICT tools developed by ITU for frequency notifications for those services and for the technical examinations. In addition, information on BR and BDT spectrum management activities will be provided.
- During the following part, tutorials will be carried out on the use of these tools for terrestrial stations and space stations. These tutorials will enable the participants to get experience with ITU notification procedures as well as with the software and electronic publications made available by the Radiocommunication Bureau to the Administrations of Member States and to the ITU-R Sector Members.
- RRS-21-Asia-Pacific will conclude with a forum on: "Radiocommunication Trends: Opportunities and challenges for the Asia-Pacific Region". This session's topics are indicated on the annexed programme.

Website

All the relevant information regarding the event including the agenda, registration and practical information will be available on the Seminar's webpage: www.itu.int/go/ITU-R/RRS-21-Asia-Pacific. As this information may be updated or complemented without notice, it is recommended that you visit the webpage regularly.

Languages

The lectures and discussions during RRS-21-Asia-Pacific will be in English only.

Format

The Seminar will follow an online format, with daily sessions from 1330 to 1645 (UTC +5H); an e-mail with all instructions about the platform to be used and how to access will be sent before the event.

The Seminar's documentation will be available on the website. Given the amount of practical work expected during the workshops, participants are required to install the necessary tools on their laptops in advance; laptops should be able to perform the set of minimal specifications detailed on the Seminar's website.

Registration

ITU Member States and Academia as well as ITU-R Sector Members and Associates are invited to attend the RRS-21-Asia-Pacific. Attendance is free-of-charge for their representatives. Advance registration of all participants is required. Registration will be carried out exclusively online and will require the approval of the corresponding Designated Focal Point (DFP) for ITU-R events registration. Participants will find the necessary information on registration at: www.itu.int/en/ITU-R/information/events.

Yours faithfully,

Mario MANIEWICZ
Director

Annex: Draft programme

Copy:

- Mr. Masanori KONDO, Secretary General, Asia-Pacific Telecommunity), kondo@apt.int
- Mrs. Doreen BOGDAN-MARTIN, Director, Telecommunication Development Bureau, ITU, doreen.bogdan@itu.int
- Mrs. Atsuko OKUDA, Director, Regional office for Asia and the Pacific, ITU, Atsuko.okuda@itu.int

**Annex
Draft programme – RRS-21-Asia-Pacific
Online Seminar, 11-22 October 2021**

	Presentations				Tutorials
Timeline (UTC +5H)	Monday, 11/10	Tuesday, 12/10	Wednesday, 13/10	Thursday, 14/10	Friday, 15/10
1330 - 1500	Opening speeches: ITU; APT ITU structure ITU-R at a glance WRC and CPM, RA, RAG, RRB, SGs	Radio Regulations (RR) Main concepts Table of Frequency Allocations (RR Art. 5) RR and National SM	Terrestrial Services Regulatory framework Notification procedures	Space Services Regulatory framework Notification procedures	Terrestrial Services Filing preparation and submission
1500 - 1515	<i>Coffee break</i>				
1515 - 1645	ITU-R Study Groups SGs and WPs ITU-D activities on SM in Asia-Pacific APT activities on SM in Asia-Pacific	World Radio Conference (WRC) WRCs cycles WRC-23 preparation process ITU, APT WRC-19 main outcomes WRC-23 Agenda	Terrestrial Services Publications tools Software tools & databases	Space Services Publications tools Software tools & databases	Terrestrial Services Cross-border Interference prevention and mitigation
	Tutorials	Forum: “Radiocommunication Trends: Opportunities and Challenges for the Asia-Pacific Region”			
Timeline (UTC +5H)	Monday, 18/10	Tuesday, 19/10	Wednesday, 20/10	Thursday, 21/10	Friday, 22/10
1330 - 1500	Space Services Filing preparation and submission: - Planned Bands - Non-planned Bands	Opening ITU, APT NTFA: RR Art. 5 Analyzer Tool and NTFA APT AFIS (Asia-Pacific Frequency Information System)	Digital broadcasting Newest Trends: TV and Audio	IMT-2020 (5G) Trends: - Spectrum bands - Regional Harmonization - Experiences in Asia-Pacific and other regions	Satellite systems: - Broadband satellites (GSO and N-GSO) - ESIM - Small satellites
1500 - 1515	<i>Coffee break</i>				
1515 - 1645	Space Services Space and Earth Stations Interference prevention and mitigation	Modern spectrum management and monitoring	Emergency communications: - National Plan Frameworks	Other terrestrial broadband systems: - Fixed - HAPS/HIBS - RLAN	Round table WRC-23 Agenda challenges: Regional scope Closing: ITU, APT