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ITU-R_Membership@itu.int

For more information on Study Group 6

rsg6@itu.int



www.itu.int/go/rsg6



ITU-R Study Group 6 Broadcasting Service





Study Group 6 develops and maintains ITU-R Recommendations, Reports and Handbooks on the broadcasting service, which are used worldwide

Global Scope

ITU-R Study Group 6 studies and produces ITU-R Recommendations, Reports and Handbooks on broadcasting technologies used in audiovisual program production, signal processing and transmission to, and reception by, the general public. It received the prestigious Emmy Award from the US National Academy of Television Arts & Sciences in 2012 for the "Standardization of Loudness Metering for Use in Broadcast Audio". This followed an earlier Emmy Award in 1982 for Recommendation ITU-R BT.601 on the digital video format that bridged the analogue and digital worlds and provided the basis for all television formats.

- ITU-R Study Group 6 is composed of three Working Parties. These Working Parties specialize in the aspects of the broadcasting service relating to their fields of expertise.

- The main topics covered by Study Group 6 include:
 - » The transition from analogue to digital terrestrial broadcasting.
 - » Digital terrestrial radio and television broadcasting.
 - » Broadcasting for public warning, disaster mitigation and relief.
 - » Spectrum sharing between mobile and broadcasting services.
 - » Future spectrum requirements for broadcasting
 - » Ultra high definition television integrated broadcast-broadband systems.
 - » Broadcasting of multimedia and data applications.
 - » Advanced sound systems.
 - » Extended image dynamic range.
 - » Audiovisual quality assessments.
 - » Audiovisual media accessibility.
 - » Green broadcasting.

Connect With Your Peers

- Participants of ITU-R Study Group 6 meetings are diverse and include administrations, network operators, service providers, equipment manufacturers, international organizations, and academia.
- Study Group 6 is vital in developing and maintaining **ITU-R Recommendations**, Reports and Handbooks on broadcasting which are used worldwide.
- Topics of discussion and study are contribution-driven and are based on the priorities set by the **Radiocommunication Assemblies** and **World Radiocommunication Conferences**.
- By joining Study Group 6, you will have the opportunity to impact the development of recommendations targeted towards the broadcasting service. As a Member, you will also have the opportunity to network and collaborate with other participating specialists from government, universities, research institutes, and industry representatives around the world and thus contribute to the improvement of radiocommunications.