



Name & Organisation

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Presentation title

*Disaster-Driven Bands: Crafting Policy for Temporary Space Frequencies*

Abstract

*When disaster strikes, every second counts—and so does spectrum. “Disaster-Driven Bands: Crafting Policy for Temporary Space Frequencies” unveils a rapid-response framework that transforms rigid regulations into a lifesaving tool. Within hours of a disaster declaration, reserved L-, S-, and X-band channels can be activated via an online portal—complete with guard bands, power limits, and automated ITU-R notifications. Real-time interference monitoring and pre-arranged regional agreements ensure clean, reliable links, while targeted drills, public registries, and hands-on training empower regulators in developing nations. By pre-approving satellite footprints and enabling dynamic beam steering, this ecosystem delivers uninterrupted SatCom, GNSS, and Earth-observation support exactly where it’s needed most.*

Short bio

*Eng. Hassan Abouseada is Director of the Frequency Coordination Department at the Egyptian Space Agency, with over 20 years of expertise in ITU Radio Regulations compliance, interference analysis, and global spectrum monitoring. He chairs the IEEE SA GRSS Disaster Management Study Group and champions agile, humanitarian-first spectrum policies for disaster resilience.*