



## **Lecture Text for**

### **Module 3-3-1: National Preparatory Process (case study) (Korea, Republic of)**

- examples of various domestic preparatory processes for WRC by some APT Members

**Lecturer: Dr. Kyung-Mee Kim**

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# Introduction of the Lecturer

## Dr. Kyung-Mee Kim



### Biographical notes

**Dr. Kyung-Mee Kim** is the Director of Technical Regulation Division of National Radio Research Agency, Ministry of Science and ICT and responsible for technical regulations and related spectrum issues for terrestrial matters.

She has actively participated in ITU-R meetings, Radiocommunication Assemblies and WRCs and had taken positions of the vice-chairman of ITU-R SG 6 related to broadcasting service and Committee 6 of WRC-12 and WRC-15 to develop future agenda items for WRC-15 and WRC-19, respectively.

She has also worked for APT countries as the Chairman of Drafting Group and Working Parties since 2011 and is now the Chairman of Working Party 2 of APG19 dealing with broadband mobile issues.

She has contributed to WRC preparation works in Korea since 2000 and she is the vice-chairman of Steering Committee of WRC-19 Preparatory Group in Korea.

# **WRC-19 Preparations in Korea**

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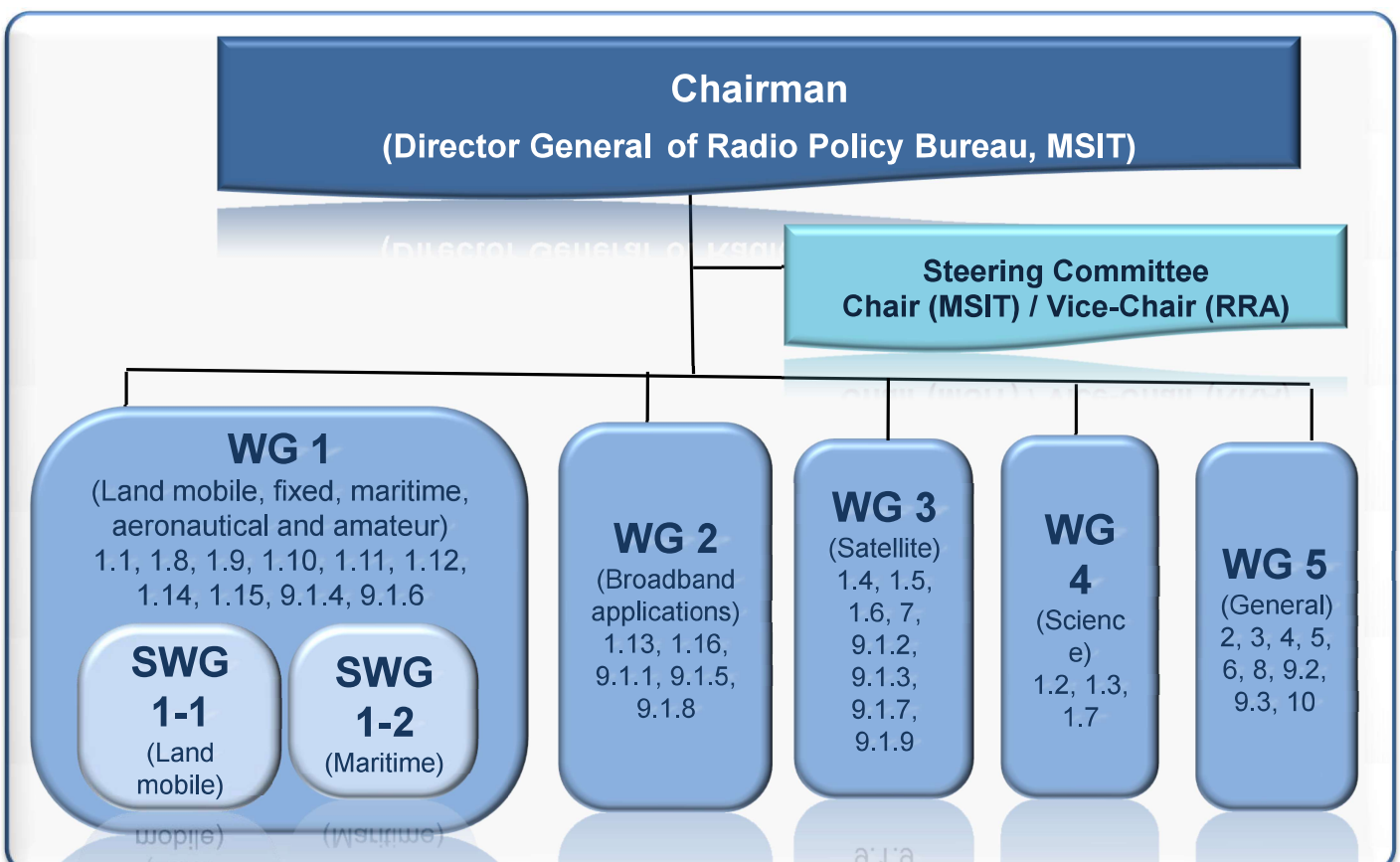
- 1. Working Methods for WRC Preparation**
  - 2. WRC-19 Preparatory Group**
  - 3. Establishment of National Position**
  - 4. Informative Handbook**
  - 5. Actions after WRC**
- < Interested WRC-15 Agenda Items >**

# 1 Working Methods for WRC Preparation

- Organize Working groups following the CPM structure, usually
  - Easy to avoid parallel meetings within a same group
- Neutral and harmonized views on issues
  - Participants from interested parties for consensus
  - Working group chairs from government, preferably
- Contribution based on national policy
  - Review by Steering Committee before submission
- Active participation in relevant ITU-R meetings
  - Reflect domestic views during ITU-R studies and development of Methods

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## 2. WRC-19 Preparatory Group



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### 3. Establishment of national position

- Develop national positions taking into account:
  - Spectrum demands from industries
  - Economic aspects by the introduction of new technologies
  - National frequency use and possible relocation of incumbent services
  - Check if any position conflicts among agenda items
- Follow-up ITU-R activities
  - Sharing/compatibility studies
  - Development of Methods in the Draft CPM texts
- Possible solution for compromise

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### 4. Informative Handbook

- To help understanding issues and quick response on-site
- Publish a handbook for information on each agenda item:
  - Background including history of agenda item
  - Current frequency use
  - ITU-R studies including Methods in CPM texts
  - Views of other regional organization/countries
  - Korean positions
  - APT Common Views at the previous meeting
  - Input to forthcoming APG meeting
  - Related Resolution

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## 5. Actions after WRC

- To identify national actions to reflect WRC results
- Publish the Report including the following contents:
  - Background
  - ITU-R studies
  - Methods in the CPM Report
  - National Position
  - WRC discussion and results
  - MOD frequency allocation table
  - MOD Articles, Resolutions and Recommendations
  - MOD technical regulations and political considerations

### < Interested WRC-19 Agenda items >

- 5G Frequencies in the band 24.25-86 GHz (AI 1.13)
  - Supports the bands 24.25-27.5 GHz, 31.8-33.4 GHz and 37-40.5 GHz
- ESIM in the bands 17.7-19.7 GHz/27.5-29.5 (AI 1.5)
  - ESIM shall ensure protection of, and not impose undue constraints on, existing services allocated in those frequency bands
- Regional/global harmonization through ITU-R studies
  - AIs 1.11 (RSTT), 1.12 (ITS), 9.1 , Issue 9.1.6 (WPT)
- Frequency overlapping issues
  - AIs 1.13 (5G), 1.5 (ESIM), 1.14 (HAPS)

# Thank you!

Questions? Answers!

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