Question ITU-R 290/4

**Broadcasting-satellite means for public warning, disaster mitigation and relief**

(2012)

The ITU Radiocommunication Assembly,

considering

*a)* the natural tragedies due to earthquakes and their consequences, alongside the possible role of radiocommunications in disaster relief;

*b)* the initiative of the Secretary-General of ITU to contribute to global efforts in order to reduce the effects of possible future disasters;

*c)* the general aspects of telecommunications associated with such disasters including, *inter alia*, prediction, detection, alerting and the organization of relief efforts;

*d)* the existence of numerous radiocommunication systems and the availability of a large equipment base at the present time;

*e)* the need for compatibility of radiocommunication systems for public warning, disaster mitigation and relief with current and future receivers,

decides that the following Questions should be studied

1 What broadcasting-satellite systems are available for disseminating information and advising small or large populations and, potentially, across national borders?

2 What frequency bands, assigned to the broadcasting-satellite service may be used for disseminating information and advising small or large populations and, potentially, across national borders?

3 What satellite broadcasting equipment is currently available for use in the event of a major disaster?

4 What procedures currently exist to coordinate the efforts of broadcasting-satellite operators at an international level?

5What actions do satellite broadcasters around the world currently take in response to major disasters?

6 What are the technical requirements for future radiocommunication broadcasting-satellite systems to be used for public warning, disaster mitigation and relief?

further decides

1 that the results of the above studies should be included in appropriate Recommendations and/or Reports;

2 that the above studies should be completed by 2025.

NOTE – This activity should be coordinated with other Study Groups in particular with ITU-T Study Group 2 and ITU-D Study Group 2.

Category: S1