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GEO All

Geneva, 11 December 2008

Dear GEO community,

A specific but essential point for GEO has been recognised to be the question of protection of radio frequencies necessary for earth observations, in particular for passive measurements.

One of the 11th World Radiocommunication Conference (WRC-11) Agenda Item is dealing with the definition of requirements of passive bands between 275 and 3000 GHz (agenda item 1.6). Among others, this covers the needs for Earth Observation through either satellite remote sensing or ground-based sensors for either climatology and meteorology or atmospheric chemistry. This represents a unique chance to ensure long-term availability for existing, planned and future instruments in this frequency range and the whole Earth Observation community should be involved in this definition.

The current draft Report (attached in the e-mail) was elaborated at the last ITU-R Working Party 7C, based on an initial work initiated within the Space Frequency Coordination Group (SFCG) and materials provided by number of Space Agencies. For space-based meteorological and climatological applications, the work is quite well documented and advanced, but further work is certainly required in the following fields:

- atmospheric chemistry;
- ground-based sensors.

GEO community inputs, expertise and relevant justifications on the above-mentioned fields in this ITU-R draft report would be significant in order for AR-06-11 Task Team (Radio Frequency Protection) to prepare a GEO input to next ITU-R WP7C (16-20 February 2009).

For preparing the input in due time, GEO community feedbacks would need to be received before end of January 2009. Please send your inputs directly to Dr. Philippe Tristant of AR-06-11 Task Point of Contact, philippe.tristant@METEO.FR.

Yours sincerely,

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