



Special Consultative Status with the United Nations Economic and Social Council since 1987

Envoyé aux: Présidents des Nations Membres
Sent to: Presidents of the Member Nations
Copie aux / Copy to: ExCo, Alfred Haack,
Prof. Wenge Qiu, Gary Kramert (Canada) and
Marco Russo (Switzerland)

Lausanne, 21.04.2010

Cher Président,

Suite à l'Assemblée Générale de Budapest, il a été décidé de lancer un groupe de travail sur les effets sismiques.

Ce groupe de travail se réunira pour la première fois à Vancouver le dimanche 16 mai 2010 de 14 à 18 heures.

La Nation Membre Chine qui est à l'origine de ce nouveau groupe propose comme animateur le Professeur Wenge Qiu.

Vous trouverez ci joint la proposition concernant les objectifs et les modalités de travail de ce nouveau groupe de travail.

Nous vous invitons à faire circuler cette information auprès de vos membres et spécialement auprès de ceux qui participeront au WTC 2010 et aux réunions de l'AITES, afin qu'ils puissent participer à ce groupe s'ils le désirent. Vous pouvez également les informer qu'ils peuvent trouver les publications du GT9 qui a traité de ce sujet de 1979 à 1985 sur le site internet de l'AITES:

<http://www.ita-aites.org/cms/ita-aites-home/publications/wg-publications/working-groups/datum/2008/05/28/working-group-9-seismic-effects.html>

Je me tiens à votre disposition pour tout renseignement complémentaire

Très cordialement,

Dear President,

Further to the General Assembly in Budapest, it has been decided to launch a working group on seismic effects.

This working group will meet for the first time in Vancouver on Sunday May 16, 2010, from 14h00 to 18h00.

The Member Nation China, which is at the origin of this new group, proposes Professor Wenge Qiu to be the Animateur.

Enclosed you will find the proposal concerning the objectives and the working modes of this new working group.

We invite you to have this information circulated among your members and especially among those who shall participate to WTC 2010 and to the meetings of ITA, in order to enable them to participate to this group if they wish to. You may also tell them that the publications of WG9 that has treated this subject from 1979 to 1985 are available on ITA website at :

I stay at your disposal for any question you may have.

With my best regards,

Le Directeur Exécutif / The Executive Director

Olivier Vion

PJ/Encl. : ment.

Planning of ITA working group 9: Seismic effects

2010~2011

To re-launch ITA working group 9: Seismic effects. to determine group members, in addition to Gary KRAMERT (Canada) and Marco RUSSO (Switzerland), being interested in this working group; experts from US and Japan are to be invited to take part in this group through ITA secretary office. During the WTC2010 in Canada, the former research papers and reports are to be discussed about whether they should be amended or make new report/supplement. The working group is anticipated to start seismic effect and damage of existing tunnels and underground structures in different countries: China will pay close attention to investigate relative tunnel damages by 5.12 Wen Chuan earthquake, especially focusing on long mountain tunnel at great depth and seismic resistance when crossing active fault. The other typical cases of tunnel damage as Haiti, Chile, Japan and Chinese Taiwan earthquake are also to be studied by relative countries or regions. The former investigation and research papers, norms and regulations about seismic effects are to be collected, as well as new progress reports.

The work by WG9 should focus on three aspects as follows:

1. Seismic damage classification on tunnels by big earthquake
2. Seismic response mechanism of tunnel support structure and analysis method
3. Tunnel support structure type and design method

2011~2012

To discuss achievements done in last year, preparing annual report.

To arrange workshop in MN country.

2012~2013

To submit research draft report to discuss and prepare final report.

To arrange workshop in MN countries.