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**3**

QUESTION 74

# **TRANSACTIONS**

# **COMPTES RENDUS**

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## NOTE

### Units of Measurement

As for the previous Congresses and though some authors do not fully agree, we attempt to follow the recommendations of the International System of Units (SI).

For example,  $\text{hm}^3$  and  $\text{km}^3$  were preferred to  $10^6$  and  $10^9$   $\text{m}^3$ , or million and billion cu.m. See Bulletin 34 "ICOLD Guide for the International System of Units (SI)", page 13.

The decimal sign may be the full stop (Anglo-Saxon usage) or the comma (European usage); but as a safeguard against confusion, full stop (period) and comma are used as decimal sign only.

Where the number of digits before or after the decimal sign exceeds three, the digit should be divided into groups of three by half space.

We meet not enough co-operation from some authors writing in English who go on keeping the comma to separate the groups of three digits instead of using half space. It was not possible to make the appropriate corrections in all the tables provided by the authors and even in the text. Sorry for the inconvenience.

## AVERTISSEMENT

### Unités de Mesure

Comme pour les Congrès précédents et bien que certains auteurs manifestent des réticences à ce sujet, on s'est efforcé de suivre les recommandations du Système International d'Unités (SI).

Par exemple, on a utilisé plus volontiers  $\text{hm}^3$  et  $\text{km}^3$  au lieu de  $10^6$   $\text{m}^3$  et  $10^9$   $\text{m}^3$  ou million et milliard de mètres cubes. Voir Bulletin 34 « Guide CIGB du Système International d'Unités (SI) », page 13.

De même, on a retenu le point (usage anglo-saxon) et la virgule (usage européen) comme signe décimal, mais pour éviter toute confusion, la virgule et le point ne sont utilisés que comme signe décimal.

Aussi, quand le nombre de chiffres avant ou après la virgule est supérieur à 3, les chiffres sont groupés par 3, chaque groupe étant séparé par un court espace.

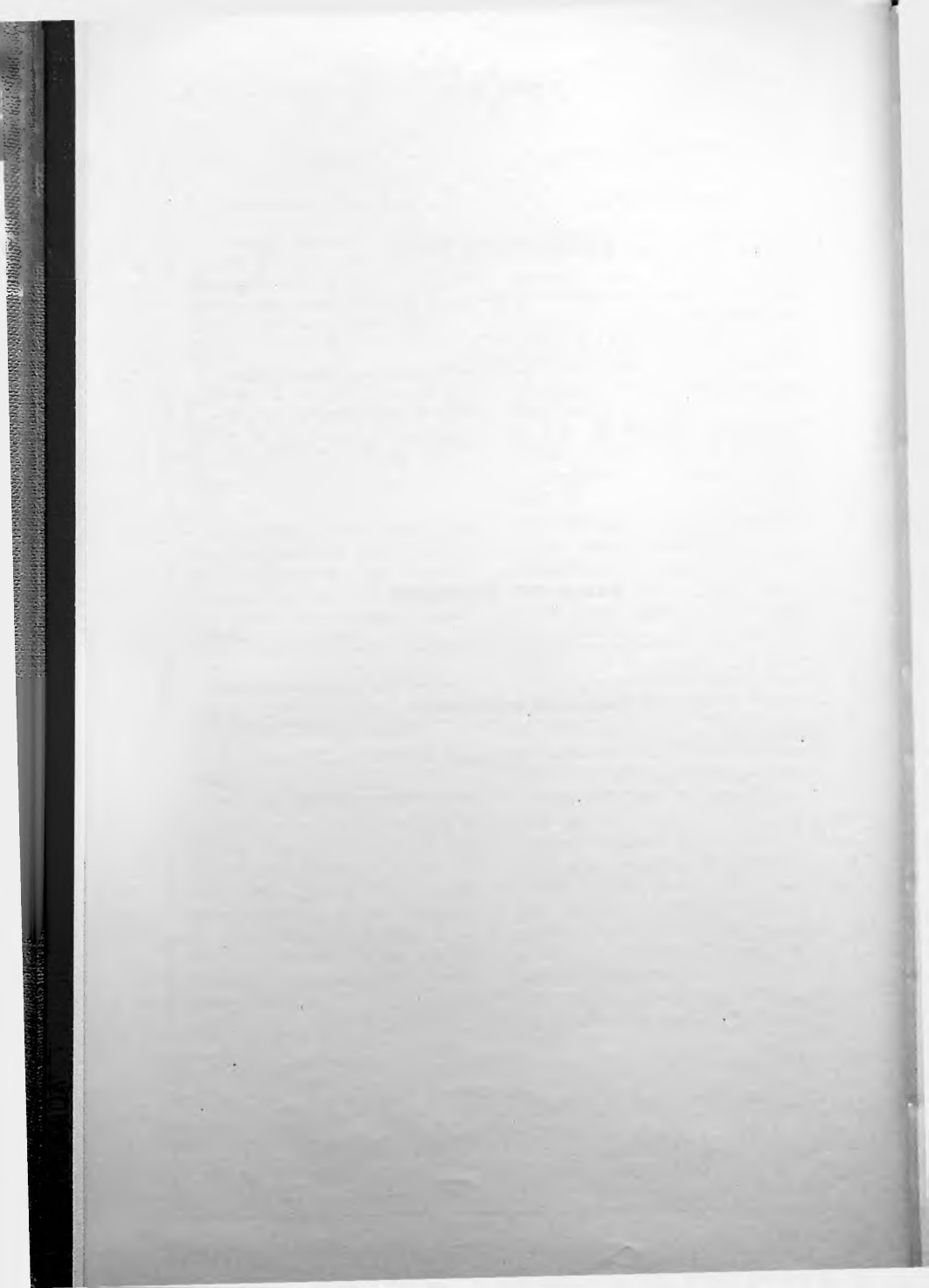
A ce sujet nous rencontrons encore des difficultés de la part de quelques auteurs de langue anglaise qui continuent à utiliser la virgule au lieu d'un court espace pour séparer les groupes de trois chiffres. Nous n'avons pas pu apporter les corrections nécessaires dans tous les tableaux fournis par les auteurs et même dans le texte. On voudra bien nous en excuser.

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**PAPERS ON Q 74**

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**RAPPORTS SUR LA Q 74**

QUESTION

74

**Performance of reservoirs**

**Subject**

The reports should cover: predictions; inspections and monitoring; prevention, operational management and remedial measures; lessons from experience, in the following fields:

- a) Sedimentation (including effects on structures, equipment, water quality and river downstream).
- b) Stability of reservoir banks.
- c) Reservoir bank seepage.
- d) Evaporation losses.
- e) Reservoir induced seismicity.

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**Comportement des retenues**

**Objet**

Les rapports traiteront : des prévisions; des observations et mesures; de la prévention, de l'exploitation et des mesures correctives; ils présenteront les enseignements tirés, dans les domaines suivants :

- a) Alluvionnement (y compris les effets sur les ouvrages, le matériel hydromécanique, la qualité de l'eau et la rivière à l'aval).
- b) Stabilité des versants de la retenue.
- c) Percolation à travers les versants.
- d) Pertes par évaporation.
- e) Séismicité induite par la retenue.



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