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VOLUME

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QUESTION 83

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 attempted to follow the recommendations of the International System of Units (SI).

For example, hm^3 and km^3 were preferred to 10^6 m^3 and 10^9 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 volontiers hm^3 et km^3 au lieu de 10^6 m^3 et 10^9 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.

À 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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1. The purpose of this document is to provide a comprehensive overview of the current state of the project and to outline the key objectives and milestones for the next phase of development.

2. The project has been initiated in response to the strategic requirements identified in the previous report, and it is essential that all stakeholders remain aligned with the project's goals and objectives.

3. The primary focus of this phase is to ensure that the project is delivered on time, within budget, and to the highest quality standards. This requires a strong commitment from all team members and a clear understanding of the project's scope and deliverables.

4. The project team has identified several key risks that could impact the project's success, and we have developed a risk management plan to address these risks proactively. This plan includes regular risk assessments and a clear escalation process for any issues that arise.

5. The project team is committed to maintaining open communication and providing regular updates to all stakeholders. This includes weekly status reports, monthly steering committee meetings, and a dedicated project portal for sharing information and documents.

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6. The project team is confident that we have the resources and expertise to successfully complete this phase of the project. However, it is important to remain vigilant and responsive to any changes in the project's requirements or environment.

7. The project team is committed to delivering a high-quality product that meets the needs of our customers and stakeholders. This requires a focus on continuous improvement and a willingness to adapt to changing circumstances.

8. The project team is committed to maintaining the highest standards of ethical conduct and transparency throughout the project. This includes a commitment to data privacy, security, and the responsible use of resources.

9. The project team is committed to providing excellent customer service and support throughout the project. This includes a focus on understanding customer needs and providing timely and effective solutions.

10. The project team is committed to providing regular updates to all stakeholders and ensuring that they are kept informed of the project's progress and any issues that arise. This includes a focus on clear communication and transparency.

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PAPERS ON Q 83

RAPPORTS SUR LA Q 83

Seismic aspects of dams**Subject**

1. Seismic hazard evaluation of the dam site – Reservoir-triggered seismic event – Selection of design earthquake – Selection of seismic parameters for dynamic analysis.
2. Dynamic material properties for concrete and embankment dams, including foundations – Laboratory tests and field measurements.
3. Design, analysis and construction features to ensure seismic safety (including appurtenant works and equipment).
4. Evaluation of seismic safety of dams.
5. Performance of dams under seismic loading – Lessons learnt for future projects.

NOTE

The Question covers all types of dams including tailings dams.

Aspects sismiques relatifs aux barrages**Objet**

1. Évaluation des aléas sismiques du site – Séisme déclenché par la retenue – Choix du séisme de projet – Choix des paramètres sismiques pour le calcul dynamique.
2. Propriétés dynamiques des matériaux pour barrages en béton et barrages en remblai, y compris les fondations – Essais en laboratoire et mesures in situ.
3. Conception, calcul et dispositions constructives en vue d'assurer la sécurité sismique (y compris les ouvrages annexes et le matériel d'équipement).
4. Évaluation de la sécurité sismique des barrages.
5. Comportement de barrages au cours de séismes – Enseignements tirés pour les projets futurs.

NOTE

La Question concerne tous les types de barrages, y compris les barrages de stériles.

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