



**LES COMPTES RENDUS  
DU DOUZIÈME CONGRÈS INTERNATIONAL  
DES GRANDS BARRAGES**

**THE TRANSACTIONS  
OF THE TWELFTH INTERNATIONAL CONGRESS  
ON LARGE DAMS**

СИВОЕ ОТНОШЕНИЕ  
ДАМОГРАФИЧЕСКОЕ СОСТОЯНИЕ  
ДИАГНОСТИКА БОЛЕЗНИ

БИОСТАТИСТИЧЕСКИЙ  
СОСТОЯНИЕ ДАМОГРАФИЧЕСКОГО СОСТОЯНИЯ  
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**COMPTES RENDUS  
TRANSACTIONS**

**VOLUME II**

**QUESTION N° 45**

ABOUT THE AUTHOR

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## TRANSITIONS COMPLEX BEINGS

THEORY, PRACTICE AND POLICY IN TRANSITION

EDWARD DAVIS

WITH A FOREWORD BY  
JOHN H. KELLY

**DOUZIÈME CONGRÈS DES GRANDS BARRAGES**  
**MEXICO 1976**

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**Question n° 45**

**La recherche des fuites et le drainage des barrages et de leur fondation**

*Objet :*

- a) Détermination de l'origine et de l'importance des fuites.
- b) Analyse de l'évolution des fuites et des infiltrations et leur interprétation, en particulier en tenant compte de l'influence du barrage.
- c) Conséquences pour la sécurité et l'exploitation du barrage.
- d) Projet des systèmes de drainage.
- e) Auscultation et entretien des systèmes de drainage.

*Remarque :* On ne traitera pas des injections et procédés similaires.

**TWELFTH CONGRESS ON LARGE DAMS**  
**MEXICO CITY, 1976**

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**Question No. 45**

**Leakage investigations and drainage of dams and their foundations.**

*Object :*

- a) Methods of determining the origin and quantity of leakage.
- b) Analysis of the history of leakage or seepage and interpretation thereof, in particular as affected by the dam.
- c) Significance in relation to the safety of the dam and its operation.
- d) Design of drainage systems.
- e) Monitoring and maintaining drainage systems.

*Note :* Discussion of grouting and similar remedial measures are not to be included.

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