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Liquid flow in open channels — Sediment in streams and canals — Determination of concentration, particle size distribution and relative density

*Mesure de débit des liquides dans les canaux découverts — Sédiments
dans les cours d'eau et dans les canaux — Détermination de la
concentration, de la distribution granulométrique et de la densité
relative*



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Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
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Foreword

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Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 4365 was prepared by Technical Committee ISO/TC 113, *Hydrometry*, Subcommittee SC 6, *Sediment transport*.

This second edition cancels and replaces the first edition (ISO 4365:1985), which has been technically revised.

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Introduction

In dealing with problems of sedimentation and sediment transport, knowledge of the concentration and the characteristics of the sediment, such as particle size distribution and relative density, is of great importance. For this purpose, sediment samples are collected by suitable samplers and analysed in a laboratory. The results of the analysis are used in the calculation of sediment load, mean diameter and other characteristics.