

ISO/TR 9212:2006-08 (E)

Hydrometry - Measurement of liquid flow in open channels - Methods of measurement of bedload discharge

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Measurement of bedload	2
4.1	General	2
4.2	Principle	2
4.2.1	Measurement using bedload samplers	2
4.2.2	Indirect measurement of bedload transport	8
4.3	Requirements of an ideal bedload sampler	9
5	Site selection	9
6	Procedures for measurement of bedload discharge using bedload samplers	10
6.1	General	10
6.2	Calculations	11
6.3	Characteristics of bedload samplers	12
6.4	Errors	14
6.5	Sample identification	14
7	Indirect measurement of bedload	15
7.1	General	15
7.2	Differential measurement method	15
7.3	Volumetric methods	15
7.4	Dune-tracking method	16
7.5	Tracers	16
Bibliography		17