# Mass movements in Great Britain

# Contents

Title page and preliminaries

## **Contents**

Acknowledgements

Access to the countryside

Foreward V.J. May

Preface N.V. Ellis

1 Introduction R.G. Cooper

Mass Movements in context

Mass movements in the British context

Mass movements in the European context

Mass movements in the global context

Classification of mass-movement types

The Multilingual Landslide Glossary

GCR site selection

Methodology

Site classification

Representativeness

Legal protection of GCR sites V.J. May and N.V Ellis

GCR site selection in conclusion

Organization of the mass-movements GCR volume

Comments on some general aspects of the sites selected

Movement

Mudflows, mudslides and earthflows

Undrained loading

Collapse of caprocks

Non-circular failure surfaces

#### General characteristics of GCR site descriptions

#### 2 Mass-movement GCR sites in Precambrian and Cambrian rocks

Introduction to the mass movements in the older mountain areas of Great Britain

- Beinn Fhada (Ben Attow), Highland
- Sgurr na Ciste Duibhe, Highland
- Druim Shionnach, Highland
- Benvane (Beinn Shan), Stirling
- Glen Ample, Stirling
- The Cobbler (Beinn Artair), Argyll and Bute
- Ben Hee, Highland and S. Lukas
- Carn Dubh, Ben Gulabin, Perthshire
- Beinn Alligin, Highland C.K. Ballantyne
- 3 A mass-movement site in Silurian strata
- Introduction
- Cwm-du, Cwmystwyth, Ceredigion
- 4 Mass-movement sites in Devonian strata
- Introduction R.G. Cooper
- Coire Gabhail, Highland
- Llyn-y-Fan Fach, Carmarthenshire
- 5 Mass-movement sites in Carboniferous strata
- Introduction R. G. Cooper
- Mass-movement sites in Lower Carboniferous strata
- Eglwyseg Scarp (Creigiau Eglwyseg), Clwyd
- Hob's House, Monsal Dale, Derbyshire
- Mass-movement sites in Upper Carboniferous strata
- Alport Castles, Derbyshire
- Canyards Hills, Sheffield
- Lud's Church, North Staffordshire
- Mam Tor, Derbyshire

### Rowlee Bridge, Ashop Valley, Derbyshire

- 6 Mass-movement sites in Jurassic strata
- Introduction R. G. Cooper
- Mass-movement sites in Lower Jurassic strata
- Postlip Warren, Gloucestershire
- Entrance Cutting at Bath University Avon
- Trotternish Escarpment, Isle of Skye, Highland
- Hallaig, Isle of Raasay, Highland
- Axmouth-Lyme Regis, Devon-Dorset
- Black Ven, Dorset R. G. Cooper
- Mass-movement sites in Upper Jurassic strata
- Peak Scar, North Yorkshire
- Blacknor Cliffs, Isle of Portland, Dorset
- Buckland's Windypit, North Yorkshire
- 7 Mass-movement sites in Cretaceous strata
- Introduction
- Folkestone Warren, Kent
- Stutfall Castle, Lympne, Kent
- 8 Mass-movement sites in London Clay (Eocene) strata
- Introduction
- High Halstow, Kent
- Warden Point, Isle of Sheppey, Kent
- 9 A mass-movement site entirely in Pleistocene strata
- Introduction
- Trimingham Cliffs, Norfolk
- **References**
- Index
- Figures and tables
- Tables

**References**