Papers from the annual meeting of the INQUA Subcommission on Shorelines of Northwestern Europe held in northern Norway, 6–11 September 1992

POSTGLACIAL RELATIVE SEA-LEVEL CHANGE

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Preface

The annual meeting of the INQUA Subcommission on Shorelines of Northwestern Europe was held in northern Norway between 6 and 11 September 1992. The meeting comprised a symposium and attracted participants from various European countries and Canada. A wide variety of topics related to Quaternary shorelines and sea-level change were discussed at the meeting.

The present volume consists of four papers covering material presented at the meeting. All four papers deal with areas influenced by postglacial isostatic delevelling, but they differ in scope, methodology and geographic location.

In a paper from Arctic Canada, Blake presents dating and other evidence pertaining to postglacial emergence and former ice cover in an area of relatively high, glacio-isostatic uplift.

From northwest Scotland, Shennan et al. discuss stratigraphic evidence from isolation basins, on which basis they indicate a need for re-appraisal of previous models of Late Devensian and Holocene relative sea-level change in the region.

Two papers deal with shorelines and sea-level change in adjacent but contrasting settings in northern Norway. In the first of these papers, Corner and Haugane describe lithofacies and stratigraphy in a series of raised coastal basins in Troms, and use this evidence to construct relative sea-level curves for an inner and outer coastal area. In the second paper, Rokoengen and Dekko describe submerged and tilted geomorphic features of assumed coastal origin on the continental shelf off Troms, identified on the basis of seismic profiling and bathymetry. They discuss the genesis, age and possible correlation of these features with raised shorelines on the coast.

Financial support for the field meeting was provided by the University of Tromsø and the Norwegian Research Council for Science and the Humanities. The meeting was organized by Geoffrey Corner and Jacob Møller.

Geoffrey D. Corner and Reidulf Bøe