TABLE OF CONTENTS

i	Foreword
ii	Acknowledgements
iii	Introduction
1	Papers: The establishment of a simple, low cost, bio-remediation pilot project in Cambridge Bay, Nunavut R.W. McCullough and R. L. Burkill
7	Microstructural alteration in permafrost-affected soils due to hydrocarbon contamination: implications for subsurface transport T.L. White, P.J. Williams, Y. Marchand and W.G.Rees
23	Fate and transport of pollutants in freezing soil and the application of geoenvironmental centrifuge physical modelling Mazyar Zeinali, Deborah J. Goodings and Alba Torrents
33	Effects of hydrocarbon contaminants on the temperature and moisture regimes of cryosols of the Ross Sea region, Antarctica Megan Balks, John Kimble, Ron Paetzold, Jackie Aislabie and Iain Campbell
41	Microbial activity measurements for a soil quality assessment of highly crude oil contaminated soils in the Russian tundra at the Arctic Circle Lothar Beyer, Wiebke Huyke, Stephan Hüttmann, Inna Archegova and Tatiana V. Titarenko
49	Could microorganisms in permafrost hold the secret of immortality? What does this mean? Anatoli Brouchkov and Peter J. Williams
57	Posters: Potential changes of environmental contamination in permafrost regions caused by anthropogenic global warming O.A. Anisimov
58	COLDREM - soil remediation in a cold climate: A national Swedish research program Bo Mattiasson and Ingegerd Ask
59	Flocculation of a bacterial suspension by a cationic polyelectrolyte Xavier Châtellier, Jean-Yves Bottero and Jean Lepetit
61	Laboratory study of unfrozen water content of diesel contaminated frozen sandy soil using time domain reflectometry (TDR) cable tester Djaouida Chenaf and Karim Hadj-Rabia
62	Measurements of petroleum-infiltration rates in frozen soils from Bethel, Alaska, for secondary containment design Michael R. Lilly, Craig A. McCauley, Daniel M. White, and David M. Nyman
63	Permafrost and frozen-soil investigation and reporting methods for waste-containment facilities Michael R. Lilly and David M. Nyman
64	Natural attenuation of hydrocarbon impacts in a cold weather climate, Sable Island, Nova Scotia, Canada Eric G. Parsons, Stephen D. Locke and Raymond St. Pierre