



Research Institute of Innovative Technology for the Earth



♦ CONTENTS **♦** Foreword 01 Let Us Prevent Global Warming through Innovative Technologies Takashi Honjo Senior Managing Director, Research Institute of Innovative Technology for the Earth R&D Activities Technological perspectives toward "Cool Earth 50" and 02 Systems Analysis Group analysis for mid-term targets 06 Molecular Microbiology and The Current Status of Biofuels and Molecular Microbiology Biotechnology Group and Biotechnology Group Chemical Research Group Looking ahead to future CO₂ separation technologies and 08 our challenges CO₂ Storage Research Group CO₂ Storage Technology Development for Practical 12 Application 15 Topics ■2008 Paper, Presentation and Publication 23