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Tsunami on Indian Ocean Chl-a And SST Danling Tang, B. Satyanarayana, Hui Zhao and R. P. Singh; 1. Introduction; 2. Materials and Methods; 2.1. Study area; 2.2. Satellite data; 3. Results and Discussion; 3.1. Variability of Chl-a; 3.2. Changes of SST 3.3. Time-series analysis 4. Summary; Acknowledgments; References; Potential for Sulfide Mineral Deposits in Australian Waters Timothy F McConachy; 1. Introduction; 2. Setting of Seafloor Massive Sulfide Deposits; 3. Fossil Island Arcs and Back Arcs; 4. Mississippi Valley-Type Deposits; 5. Ophiolite-Hosted Copper; 6. Off Shore Extensions to Mineralized Land Terranes; 7. Conclusions; Acknowledgments; References; Local to Long-Range Dust Transport over Central Eastern Australia Milton S. Speer and Lance M. Leslie; 1. Introduction; 2. Data and Climatology; 3. Brief Overview of Case Studies 3.1. Case study 1: October 23, 2002 3.2. Case study 2: February 2, 2005; 4. Integrated Wind Erosion Model; 4.1. The atmospheric model; 4.2. The wind erosion scheme; 5. Results and Discussion; 5.1. Case study 1: October 23, 2002; 5.2. Case study 2: February 2, 2005; 5.3. Synoptic differences between the two case studies; 6. Conclusions; References; Sea Ice Motion and Deformation in the Marginal Ice Zone Through SAR Jun Yu, Antony K. Liu and Yunhe Zhao; 1. Introduction; 2. Methods and Results; 3. Conclusions and Outlook; References Interannual Variations in Pacific SST Deviations through AVHRR Jun Yu and Per Gloersen 1. Introduction; 2. Method; 3. Results and Discussions; 4. Conclusion; References; Direct Radiative Forcing due to Anthropogenic Aerosol and Asian Dust in March 2002 Over East Asia Soon-Ung Park and Eun-Hee Lee; 1. Introduction; 2. Model Description; 3. Results; 3.1. Temporal variations of dust concentration; 3.2. Spatial distributions of aerosol concentrations; 3.3. Estimation of aerosol direct radiative forcing; 4. Summary and Conclusions; Acknowledgments; References A Numerical Simulation of an Asian Dust (Hwangsa) Event Observed in Korea on March 10-12, 2004 Using the Modified Adam Model Eun-Hee Lee and Soon-Ung Park

Sommario/riassunto

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