

## Contents

<b>Solute transport and dispersion</b>	1
William S. Jury	
<b>Solute transport and dispersion - Commentary</b>	17
J.H. Knight	
<b>Quasianalytic and analytic approaches to unsaturated flow</b>	30
J.R. Philip	
<b>Quasianalytic and analytic approaches to unsaturated flow - Commentary</b>	48
P.A.C. Raats	
<b>Measurement of soil physical properties in the field</b>	59
I. White	
<b>Measurement of soil physical properties in the field - Commentary</b>	86
B.E. Clothier	
<b>Canopy transport processes</b>	95
M.R. Raupach	
<b>Canopy transport processes - Commentary</b>	128
G.W. Thurtell	
<b>Surface temperature and the surface energy balance</b>	133
Ray D. Jackson	
<b>Surface temperature and the surface energy balance - Commentary</b>	154
K.G. McNaughton	
<b>Stomatal physiology and gas exchange in the field</b>	160
I.R. Cowan	
<b>Stomatal physiology and gas exchange in the field - Commentary</b>	173
B.J. Legg	

<b>Air flow over complex terrain</b>	183
J.J. Finnigan	
<b>Air flow over complex terrain - Commentary</b>	230
N.O. Jensen	
<b>Convective processes in the lower atmosphere</b>	240
John C. Wyngaard	
<b>Convective processes in the lower atmosphere - Commentary</b>	261
E.K. Webb	
<b>Turbulent wakes in the atmospheric boundary layer</b>	270
Peter A. Taylor	
<b>Turbulent wakes in the atmospheric boundary layer - Commentary</b>	293
W.H. Melbourne	
<b>Particulate transport in the atmosphere: wind erosion</b>	300
B.B. Willetts	
<b>Processes of water erosion</b>	312
C.W. Rose, P.B. Hairsine	
<b>One-dimensional solid-liquid separation</b>	327
D.E. Smiles, J.M. Kirby	
<b>One-dimensional solid-liquid separation - Commentary</b>	343
C.J.D. Fell, R.M. McDonogh	
<b>Atmospheric dispersion - Observations and Models</b>	352
J.C. Weil	
<b>Atmospheric dispersion - Observations and Models - Commentary</b>	377
Peter Manins	
<b>Subject index</b>	381