VOLUME II CHANGING PATTERNS IN THOUGHT AND PRACTICE

	Acknowledgements	ix
PAR Dev	T 3 veloping and changing patterns for Environmental Education	1
49	New horizons for environmental education WILHELMINA HILL AND ROY C. WHITE	3
50	Environmentalism and education: a context for 'conservation' I. G. SIMMONS AND C. M. SIMMONS	10
51	From the Editor's eyrie: whither EE? THE EDITOR	19
52	Editorial MATTHEW BRENNAN	21
53	Logs, universities, and the environmental education compromise RODERICK NASH	23
54	Stockholm to Tbilisi: the evolution of environmental education PETER J. FENSHAM	33
55	Conceptual development and environmental education ROBERT E. ROTH	46
56	Where are we and what time is it? MATTHEW J. BRENNAN	54
57	Identification of key characteristics of environmental education E. P. HART	57

58	Yes, EE does have definition and structure	66
	HAROLD R. HUNGERFORD, R. BEN PEYTON AND RICHARD J. WILKE	
59	Environmental education JOHN HUCKLE	69
60	Reflections on environmental education: past development and future concepts R. D. LINKE	83
61	What research says: environmental education's definitional problem JOHN F. DISINGER	89
62	Ways of thinking environmentally (and some brief comments on their implications for acting educationally) WARWICK FOX	99
63	The concept of environmental education and the development of environmental education in South Africa PAT IRWIN	107
64	Environmental literacy JOHN DISINGER	116
65	The renaissance of the naturalist MIKE WEILBACHER	121
66	The action competence approach in environmental education BJARNE BRUUN JENSEN AND KARSTEN SCHNACK	127
67	Ecological education: extending the definition of environmental education GREGORY A. SMITH AND DILAFRUZ R. WILLIAMS	145
68	Expanding environmental education: thinking critically, thinking culturally DARIN SAUL	160
69	Education, environment and sustainability: what are the issues, where to intervene, what must be done? TIMOTHY W. LUKE	167
70	A letter from the future: UNESCO and the Decade of Education for Sustainable Development JOHN FIEN	186

71	A framework for environmental education strategies MARTHA C. MONROE, ELAINE ANDREWS AND KELLY BIEDENWEG	196
72	Environmental education, resilience, and learning: reflection and moving forward MARIANNE E. KRASNY, CECILIA LUNDHOLM AND RYAN PLUMMER	213
73	Learning our way to sustainability ARJEN E. J. WALS	222
PAR' Env		233
74	Environmental education for sustainable development? JOHN F. DISINGER	235
75	Education for sustainability: assessing pathways to the future JOHN HUCKLE	243
76	Education and sustainability: an approach DAVID W. ORR	264
77	Conceptual analysis in environmental education: why I want my children to be educated for sustainable development JUDY VAN ROSSEN	272
78	Environmental education for sustainability: defining the new focus of environmental education in the 1990s DANIELLA TILBURY	281
79	Environmental education and sustainable development: a further appraisal LUCIE SAUVÉ	302
80	Environmental education: the beginning of the end or the end of the beginning? JOHN SMYTH	325
81	Challenges in educating for ecologically sustainable communities C. A. BOWERS	329
82	Education for sustainability as a frame of mind MICHAEL BONNETT	339
83	Education for sustainability T. O'RIORDAN	353

84	EE ≠ ESD: defusing the worry	360
	ROSALYN MCKEOWN AND CHARLES HOPKINS	
85	Tensions and transitions in policy discourse: recontextualizing a decontextualized EE/ESD debate ROBERT B. STEVENSON	374
86	Learning for a change: exploring the relationship between education and sustainable development PAUL VARE AND WILLIAM SCOTT	390
87	Debating education for sustainable development 20 years after Rio: a conversation between Bob Jickling and Arjen Wals BOB JICKLING AND ARJEN E. J. WALS	399
88	Separate tracks or real synergy? Achieving a closer relationship between education and SD, post-2015 STEPHEN STERLING	409