

Countryside Recreation Research Advisory Group

COUNTRYSIDE RECREATION RESEARCH 1984-85: THE PROGRAMMES OF THE CRRAG AGENCIES

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Published by CRRAG
Free copies available from:

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The Sports Council
16 Upper Woburn Place
London WC1H 0QP

August 1984

Published by the Countryside Recreation Research Advisory Group (CRRAG)

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Typeset by Doppler Press, 107 High Street, Brentwood, Essex

ISBN 0906577-41-1

CONTENTS

	PAGE
PREFACE	4
GLOSSARY.....	5
THE RESEARCH PROGRAMMES 1984-1985 (as at April 1984)	6
ASSOCIATION OF COUNTY COUNCILS: RESEARCH OF MEMBER COUNCILS	7
ASSOCIATION OF DISTRICT COUNCILS: RESEARCH OF MEMBER COUNCILS	14
ASSOCIATION OF METROPOLITAN AUTHORITIES: RESEARCH OF MEMBER COUNCILS.....	20
BRITISH TOURIST AUTHORITY	24
BRITISH WATERWAYS BOARD	25
CONVENTION OF SCOTTISH LOCAL AUTHORITIES: RESEARCH OF MEMBER COUNCILS	26
COUNTRYSIDE COMMISSION.....	29
COUNTRYSIDE COMMISSION FOR SCOTLAND	31
DEPARTMENT OF THE ENVIRONMENT	33
ENGLISH TOURIST BOARD	36
FORESTRY COMMISSION	38
MINISTRY OF AGRICULTURE, FISHERIES AND FOOD	39
NATURAL ENVIRONMENT RESEARCH COUNCIL	42
NATURE CONSERVANCY COUNCIL	46
SCOTTISH SPORTS COUNCIL	50
SCOTTISH TOURIST BOARD	52
SPORTS COUNCIL	53
WALES TOURIST BOARD	55
KEY WORD INDEX TO RESEARCH PROJECTS	56

PREFACE

In 1982, The Countryside Recreation Research Advisory Group decided to publish an annual compilation of the current and prospective research programmes of agencies represented on the Group (see list of member agencies below), so that more information about this work could reach a wider audience of interested organisations. The first edition of the compilation appeared in June 1982. This publication is the third in this series and contains information on countryside recreation research and recent publications, correct as at the end of March, 1984.

In content and inevitable limitations, the document closely resembles previous editions. As with the 1983/4 edition, a thematic index has been included. Each project has been allocated a code which relates it to the relevant agency programme and appears both in the main text and at the appropriate point in the index.

Although considerable effort has been made to edit agencies' research programmes as originally submitted into a common format, the result does not disguise the varied nature of the individual programmes nor the differing extents to which the programmes have a bearing on countryside recreation as strictly defined. A range of choice has been exercised by each contributor in the cut-off between that judged to be relevant to CRRAG and that not, with some lists more tightly drawn than others. The compilation is only complete for the national agencies represented on CRRAG. It is planned to include the research undertaken by local authorities in each edition, subject to the logistical problems facing the Local Authority Associations represented on CRRAG, in collecting periodic data from member authorities. Research collated by the Association of County Councils, Association of District Councils, the Association of Metropolitan Authorities and the Convention of Scottish Local Authorities is included in this edition.

A listing of this kind is of short term value as it stands, in that programmes of research are often subject to change according to the availability of resources and changing operational needs of sponsoring bodies. Therefore, not all the prospective items listed may, in fact, proceed. However, to mitigate these circumstances, at the end of each section is the name, address and telephone number of a suitable contact in the respective agency, who will be pleased to respond to enquiries and requests for further information.

It is hoped that this compilation will be of value and interest to those with an involvement in countryside recreation and allied fields. Further copies are available free of charge from the Research Unit at The Sports Council.

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BODIES REPRESENTED ON CRRAG

Association of County Councils
Association of District Councils
Association of Metropolitan Authorities
British Tourist Authority
British Waterways Board
Convention of Scottish Local Authorities
Countryside Commission
Countryside Commission for Scotland
Department of the Environment (Observer)
English Tourist Board
Forestry Commission
Ministry of Agriculture, Fisheries and Food (Observer)
Natural Environment Research Council
Nature Conservancy Council
Scottish Sports Council
Scottish Tourist Board
Sports Council
Wales Tourist Board

The Group includes representatives of a range of statutory agencies: from those whose role is mainly to provide grant and advice (such as the two Countryside Commissions), to representatives of the Local Authority Associations whose member Councils are the main public sector providers. The Group was established in 1968 as an advisory technical liaison group to harmonise the countryside recreation research of member agencies and to promote knowledge of such research. The harmonisation aim is achieved by the agencies making regular presentations of their research and development programmes to the Group.

GLOSSARY

ABTA	Association of British Travel Agents	MAFF	Ministry of Agriculture, Fisheries and Food
ACC	Association of County Councils	MBL	Market Behaviour Limited
ADAS	Agricultural Development and Advisory Service (MAFF)	MNR	Marine Nature Reserve
ADC	Association of District Councils	MSC	Manpower Services Commission
AMA	Association of Metropolitan Authorities	NAC	National Agricultural Centre
ARM	Association of Recreation Managers	NCC	Nature Conservancy Council
BHTS	British Home Tourism Survey	NERC	Natural Environment Research Council
BNTS	British National Travel Survey	NITB	Northern Ireland Tourist Board
BTa	British Tourist Authority	NNR	National Nature Reserve
BWB	British Waterways Board	NOP	National Opinion Poll Ltd
CAP	Common Agricultural Policy	NP	National Park
CASE	Collaborative Award in Science and Engineering	NPA	National Park Authority
CC	Countryside Commission	NR	Nature Reserve
CCP	Countryside Commission Publication	NSHEB	North of Scotland Hydro-Electric Board
CCS	Countryside Commission for Scotland	NT	National Trust
CLA	Country Landowners' Association	NTS	National Trust Scotland
COE	Council of Europe	OPCS	Office of Population, Censuses and Surveys
COSLA	Convention of Scottish Local Authorities	PDMS	Planning Data Management Service, University of Edinburgh
CPRE	Council for the Protection of Rural England	PTE	Passenger Transport Executive
CRRAG	Countryside Recreation Research Advisory Group	RSPB	Royal Society for the Protection of Birds
CSO	Central Statistical Office	SC	Sports Council
CURS	Centre for Urban and Regional Studies, University of Birmingham	SDD	Scottish Development Department
DART	Dartington Amenity Research Trust	SLS	Scottish Leisure Survey 1981
DBRW	Development Board for Rural Wales	SSC	Scottish Sports Council
DC	Development Commission	SSRC	Social Science Research Council
DEn	Department of Energy	SSSI	Site of Special Scientific Interest
DOE	Department of the Environment	STARS	Scottish Tourism and Recreation Survey, 1973
DOI	Department of Industry	STB	Scottish Tourist Board
EC	European Commission	STRI	Sports Turf Research Institute
ETB	English Tourist Board	TATR	Tourism and Travel Research Ltd
FBA	Freshwater Biological Association	TEIS	Terrestrial Environment Information System
FC	Forestry Commission	TIC	Tourist Information Centre
GHS	General Household Survey	TRRU	Tourism and Recreation Research Unit, University of Edinburgh
HIDB	Highlands and Islands Development Board	TUC	Trade Union Congress
IBRM	Institute of Baths and Recreation Management	UWIST	University of Wales, Institute of Science and Technology
IPS	International Passenger Survey	WA	Water Authority
IR	Infra Red	WDA	Welsh Development Agency
IRM	Institute of Recreation Management	WRC	Water Research Centre
ITE	Institute of Terrestrial Ecology	WSAC	Water Space Amenity Commission
LDR	Long Distance Route	WTB	Wales Tourist Board
LGORU	Local Government Operational Research Unit		

THE RESEARCH PROGRAMMES 1984-1985

ASSOCIATION OF COUNTY COUNCILS

RESEARCH OF MEMBERS COUNCILS 1984/85

AUTHORITY	PROJECT TITLE AND SUMMARY OF OBJECTIVES	TIMESCALE	CONTACT
Ecology			
Lancashire Lanc 1	Bronte Corridor Ecological Study To establish an ecological data-base and work with landowners on countryside management	1984-5	G Morris Planning Department
West Sussex WS 4	Air Survey Interpretation To produce habitat maps and assessment of conservation priorities	1984-5	Mr Atfield Planning Department
Derbyshire Derb 1	Wildlife Habitat Assessment To produce basic information for the development of planning policies and to identify conservation priorities	1982-3	A Cooper Planning Department
Gloucestershire Glos 4	Cotswold Water Park Habitat Survey To establish a data base for countryside management and conservation	1983	D Bell Planning Department
Cumbria Cumb 1	Solway Coastal Management To protect the coastal environment and promote its recreational use	Continuous	M Smith Planning Department
Mid Glamorgan MG 5	Kenfig Pool and Dunes Local Nature Reserve To protect and conserve SSSI through management monitoring and research using NCC data system	Continuous	J R Wykes Planning Department
Suffolk Suf 1	The Loss of Grassland To establish the extent and rate of grass grassland loss and the associated landscape change	1984	C H Stratton
Suffolk Suf 2	Sanding Group To manage and conserve heaths and commons	1984	J T Kindle
Mid Glamorgan MG 4	Commons Management To resolve conflicts in uplands commonland use between agriculture recreation and conservation	1984	J Wykes Planning Department
Hertfordshire Hert 3	Horse Pasture Survey To assess landholding fragmentation and transfer land to horticulture To assess effectiveness Code of Practice for Horse Owners and Riders	1984	P Thompson Planning Department
Devon Dev 1	Braunton Great Field and Marshes Study To develop conservation guidelines and identify opportunities for management projects	1983	Planning Department
North Yorkshire NY 6	Moorland Management To assess the effects of traditional practices and suggest alternative scientifically – based regimes (with CC)	1984	North York Moors National Park Officer
Humberside Humb 4	Survey of Woodlands To establish their extent composition and condition with a view to promoting management	1985	J A Capel Planning Department
Suffolk Suf 9	Small Woods Study To establish their viability	1984	H Barnett
Hertfordshire Hert 4	Coppice Study Bencroft Woods To monitor regeneration of derelict coppice in experimental plots by different management methods	1983-4	M Crafer Planning Department
Education			
Derbyshire Derb 3	Education Resources Guide To provide a guide which will reduce pressures on over used and/or sensitive sites	1984-5	J Hams Planning Department

West Cumbria Cumb 5	Schools Conservation Project To teach conservation skills by tree-planting etc in school grounds	1984	R Cartwright I Roston Planning Department
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Information and Interpretation

Cheshire Ches 3	Interpretation Strategies at Tatton Park To assess visitor/management response to interpretative strategy and techniques	1983	D Pile Countryside and Recreation Division
Suffolk Suf 3	Heritage Coast Project To provide public information on coastal environment	Continuous	J Hindle
Suf 6	Interpretative Centre To assess uses to be made of centre	1984	B Hall
Hertfordshire Hert 7	Interpretative Proposals for Parshanger Park To identify themes for proposed country park	1984	P Thompson Planning Department
Mid Glamorgan MG 2	Cwm Risca Demonstration Farm To demonstrate combination modern farming and conservation (with CC)	1984	J Wykes Planning Department
MG 3	Explore Mid Glamorgan To provide recreation opportunities and encourage awareness of the environment for residents and visitors	1984	E Dean Planning Department
Hampshire Hamp 2	Explore Hampshire To produce information on recreation sites and tourist attractions	1982	J Holder Recreation Department
Cambridge Cam 2	Farm Interpretation Centre To assess feasibility of a centre	1984	P Whitehead Planning and Recreation Department
Kent K 1	Pegwell Bay Interpretation To provide facilities explaining history landscape and wildlife	1984	M King Planning Department
West Glamorgan WG 2	Nature Centre at Jersey Marine To establish a centre in Camera Obscura Tower linked to habitat surveys and management surrounding conservation area	1984	R Granshaw Planning Department

Land Management

North Yorkshire NY 4	Lyke Wake Walk To survey recreational erosion analyse alternative solutions and implement restoration	1984	North York Moors National Park Officer
NY 5	Erosion from Recreational Use To monitor 20 sites and anticipate greater erosion	Continuous	(as above)
Devon Dev 3	South Devon Heritage Coast	1984	Planning Department
Somerset Som 1	Levels and Moors Plan To prepare a rural strategy to protect landscape wetland habitat and archaeology threatened by agricultural and drainage improvements	1983	D Hinton Planning Department
North Yorkshire NY 1	Bransdale Moor Management To plan and programme management procedures in accordance with Capital Transfer Tax exemption procedures	1983	North York Moors National Park Officer
Surrey Sur 2	Management Strategy for the Countryside To coordinate the management plans relating to the individual countryside landholdings of the County Council	1984	Planning Department
Derbyshire Derb 6	Trent Valley Recreation Local Plan To examine after-uses of sand and gravel pits resolve conflicts between competing recreational uses and improve landscape and access opportunities	1979-84	P Wiggelsworth Planning Department

Recreation

Derbyshire Derb 4	North East Derbyshire Network of Recreation To create access to open countryside from urban areas based on disused railways and collieries	1982-6	T Harris Planning Department
Derb 5	County Cycle Route Strategy To develop county-wide network of recreational cycle routes linking conurbations with Peak Park and surrounding countryside	1982-6	D Bathe Planning Department
Dorset Dor 4	Poole -- Ringwood Disused Railway To convert the track for use as a cycle and bridleway	1984	C Wormersley Planning Department
Cheshire Ches 1	Access to the Countryside To provide a leisure drive and 160-mile cycle route with signposting and accompanying leaflets	1984	D Pile Countryside and Recreation
Ches 2	Canal Footpath To create a waymarked recreational footpath on towpaths of Cheshire Canal Ring with guidebook series and interpretive/ information panels	1984	(as above)
Hertfordshire Hert 1	Green Belt Management Experiment To resolve conflicts of interest between rural and urban countryside users To conserve landscape and increase informal recreation and public access (with CC)	1982-7	P Johnson Planning Department
South Glamorgan SG 4	Urban Fringe Study Cardiff Barry and Penarth To consider problems pressures and potential of urban fringe To produce policies with balance between agriculture recreation and new development	1984	S Whitney Education Department
Surrey Sur 1	Lower Mole Countryside Management Project Urban fringe countryside management Project (with CC)	1984	Planning Department
Dorset Dor 3	South East Dorset Urban Fringe Project To improve the environment and provide opportunities for local recreational use To protect landscape from urban pressures	1983	P Impett Planning Department
Cumbria Cumb 3	Workington Steel Works Reclamation Scheme To reclaim the former steelworks to meet local needs for additional recreational facilities	1984	J Studholme Planning Department
Mid Glamorgan MG 1	Darren Valley Project To provide a management plan involving recreational and environment improvements including land reclamation	1984	P Ludlow Planning Department

Plans and Studies

Gwent Gwe 1	Gwent Countryside To establish a comprehensive data base on resources and activities To monitor policies and practices using computer facilities	1984	R Brain Planning Department
Northamptonshire Nor 1	Countryside Recreation Technical Report To collect data on recreation in the county	1983	MacKintosh Planning Department
South Glamorgan SG 1	Glamorgan Heritage Coast To protect the coastline between Porthcawl and Aberthaw involving the community and encouraging enjoyment of natural amenities	Annual	J Howden Environment Department
Devon Dev 2	East Devon Heritage Coast Study To conserve natural resources and provide for public enjoyment through positive management	1983	Planning Department
Devon Dev 4	Footpaths for Recreation To provide circular walks in the urban fringe	1984	Planning Department

Cumbria Cumb 2	Hadrian's Wall Footpath To provide continuous long distance footpath close to but separate from the wall	1984	M Smith Planning Department
Suffolk Suf 4	Henham Park/Heritage Coast Path To arrange access to countryside by footpath agreements	1983	J Hindle
Suf 5	Lavenham Walk Extension (as above)	1983	E Chillingford
Suf 7	Countryside Recreation To ascertain expectations of users of public footpath network	1983	B Hall
South Glamorgan SG 3	Cycle Routes To provide urban cycle-routes and investigate cycle access to countryside for commuters and pleasure cyclists	1984	P Williams Environment Department
Hertfordshire Hert 5	Bridleways Project To improve and conserve informal recreation access in rural north-east and increase public understanding of rights of way	1984	C Cheesman Planning Department
Hert 6	Broxbourne Woods Bridleways Circuits To identify network of well-surfaced and waymarked circuits and produce a publicity leaflet for horse riders	1984	B Sapsford Planning Department
West Glamorgan WG 4	Afan Valley Cycle Route To provide a cycle route on disused railways and a cycle hire service	1984	R Williams Planning Department
North Yorkshire NY 2	Grosmont Trail for the Disabled To provide a route and annotated guide	1983	North York Moors National Park Officer
Shropshire Sh 2	Montgomery Canal To provide Circular Walks with guides and to improve signpost and publicise footpath networks in the county	1983	J Butler Planning Department
Wiltshire Wilt 1	Wiltshire Cycleway To create a signed and publicised route as part of Beautiful Britain Year and to promote tourism and cycling	Annual	G Carrington Planning Department
Hampshire Hamp 4	Test Valley Railway Line To assess the opportunity for developing disused track for walking horse-riding and cycling	1984	M Guy Recreation Department
Oxfordshire OX1	Ridgeway Long Distance Route To examine use and attitudes of users effectiveness of Code of Voluntary Restraint by vehicle users and potential for alternative agricultural access and management (with CC)	1986	J Burgon
Dorset Dor 1	Weld Estate To develop tourism and recreational access whilst ensuring protection and enhancement of the landscape and natural environment	1980	C Womersley Planning Department
Kent K2	Shorn Woods Proposed Country Park To assess the recreational and tourism potential identify financial and conservation constraints and prepare development and management scheme	1984	Waite Planning Department
Cumbria Cumb 4	Alston/Nenthead To look at the feasibility of various recreational developments to attract tourists to the area	1984	M Smith Planning Department
Suffolk Suf 10	Gipping Valley Countryside Recreation Project To provide opportunities for informal activities	Continuous	B Hall
West Sussex W2S	Water Recreation Policy To study trends in formal and informal activities and produce policies relating to provision of facilities	1983	Atfield

Gloucester Glos 2	Cotswold Water Park Review To review progress in reclaiming gravel pits for recreation To examine management issues and consider policy implementation	1984	D Ball Planning Department
Derbyshire Derb 7	Carsington Reservoir To develop recreation facilities on a new large storage reservoir	1980-7	T Hams Planning Department

Rural Environment/Heritage

Hampshire Hamp 3	Countryside Heritage Project To promote public interest to identify and record heritage features and to protect and conserve them	1984	V Hazel Planning Department
Humberside Humb 1	Conservation of Natural Environment and Rural Landscape To establish policies for the protection of the landscape and environment and to set out a programme of action	1981-2	H Woledge Planning Department
Suffolk Suf 8	Dedham Vale Landscape Conservation Project Landscape Evaluation	1983	R Govett
South Glamorgan SG2	Caerphilly Mountain Project To improve landscape quality and access and enjoyment of the countryside	Annual	P Jayne
Cambridgeshire Cam 3	Parklands Survey To fully record details of the parkland sites in the country	1984	J Megginson Department of Land and Buildings
Dorset Dor 2	Historic Landscape Survey Weld Estate To survey environmental and archaeological sites and make recommendations for their conservation	1983	A Carreck Planning Department

Surveys of Visitors/Residents

Hampshire Hamp 1	1984 Visitors Surveys To record pattern of recreation in six Country Parks to provide a general understanding and information for planning management and marketing	1984	A Ainder Recreation Department
Nottinghamshire Not 1	Sherwood Forest and Rufford Country Park Visitors Surveys To produce data to assess promotion and provide information for management To examine visitors' opinions and motivations	1984	S LeMottee Leisure Services Countryside Division
Not 2	Operation Gateway To examine current leisure habits low income and one-parent families through group discussions and to suggest possible projects to encourage their involvement	Complete	(as above)
Durham Dur 1	Visitors Survey to Countryside Recreation Sites To gather data as a basis for considering the provision of new sites the improvement of sites and to assess general demand	Annual	D Oldham Planning Department
Bedfordshire Beds 1	Swiss Gardens Visitor Survey To investigate trip and visitor characteristics and evaluate advertising	1984	R Evans Arts and Recreation Department
Cheshire Ches 1	Tatton Park Visitor Survey To assess the volume of visitors	1984	P Wallace-Jones Countryside & Recreation Division
Suffolk Suf 11	Dedham Vale Landscape Conservation Project To establish the expectations of visitors to Flatford Mill	1984	K Turner
Somerset Som 2	Visitor Survey To investigate the economic impact of visitors and their socio-economic characteristics To survey occupancy levels and upgrading of standards and measure advertising effectiveness	1983	T Hart Planning Department
Som 4	Exmoor National Park Visitor Survey To monitor recreational visits to assist management and provision of facilities	Annual	J Haynes Exmoor National Park Authority

Cumbria Cumb 6	Eskdale Mill Survey To monitor visitor numbers at Mill Museum	Continuous	D Booth Planning Department
Hertfordshire Hert 2	Visitor use of Informal Recreation Sites To monitor use with site rangers' reports and occasional full-day surveys	Continuous	P Thompson Planning Department
North Yorkshire NY3	Recreational Surveys To monitor sites as part of a recreational database	Continuous	North York Moors Park Officer
Cleveland Clev 1	Visitors to the South Gare To determine their characteristics purpose and attitudes	1983	T Sutcliffe Planning Department
Clev 2	Visitors to the Castle Eden Walkway (as above)	1983	J Marshall Planning Department
Derbyshire Derb 2	Visitor Survey of Leisure Facilities To provide basic information concerning countryside leisure facilities	1982	A Cooper Planning Department
Tourism			
Cheshire Ches 4	Tourism Day Trips To produce a guidebook to features associated with the Civil War in the area (MSC funded)	1983	D Pile Countryside and Recreation Division
Ches 5	Tudor Heritage Guidebook To produce a guidebook of day trips associated with ETB's 1985 Tudor England Special Promotion (MSC funded)	1984	(as above)
Somerset Som 3	Tourism Barometer To identify trends in the county including the type of promotional activity undertaken	Annual	T Hart Planning Department
West Sussex WS 1	Tourism Policy To provide detailed information on tourism in the County including an assessment of hotel requirements of Gatwick Airport	1983	Atfield
Gloucestershire Glos 1	Tourism in Gloucestershire To develop forms of tourism best suited to the county including a wide variety of activities and facilities	Continuous	R Colley Planning Department
Glos 3	Cotswold Water Park Tourism Study To examine marketing strategies and opportunities (with Heart of England Tourist Board)	1984	D Ball Planning Department
Lincolnshire Lin 1	Lincolnshire Coast Tourism Initiatives Study To provide data through a visitor survey and assessment of accommodation	1983	C Scott Recreational Services
Cambridgeshire Camb 1	Activity Holidays To promote tourism through activity based holidays	1984	P Whitehead Planning and Research
Miscellaneous			
Dorset Dor 5	Sport and Recreation Facility Survey Comprehensive survey to assist future provision	1983-4	C Womersley Planning Department
Surrey Sur 3	Keeping and Riding of Horses in Surrey A survey and recommended code of practice in consultation with interested parties	1984	Planning Department
West Glamorgan WG 3	Trees Project Margam Park To investigate techniques for establishing trees in deer park	1984	R Lee Margam Park Port Talbot
WG 1	Swansea Sound Landscape Project To involve volunteers in conservation work including the handicapped	1984	M Colin Planning Department

WG 5	Trees Project Afan Valley To investigate the use of tree shelters to establish trees in areas with sheep trespass and vandalism	1984	M Colin Planning Department
Clywd C 1	Environmental Impact of EEC Policies To evaluate methods of assessing impact of environmental change and the CAP	1983	I Brown Planning and Estates Dept
C 2	Bersham Industrial Heritage Centre To create a centre on local industry	1983	J James County Librarian
C 3	Minera Lead Mining Centre To create a centre on lead mining	1984	(as above)
C 4	Industrial Trail To develop an industrial and environmental walk along the River Clywedog Valley	1984	(as above)

ASSOCIATION OF DISTRICT COUNCILS

RESEARCH OF MEMBERS COUNCILS 1983/84

AUTHORITY	PROJECT TITLE AND SUMMARY	TIMESCALE	CONTACT
Amenity Area			
Woking	Preyheath Commons Management Improvement work including woods clearance establishing footpath links pond improvement and drainage works Creation of informal car park completed	1982-5	Woking Borough Council
Woking	Kingfield Pond Commons Management To restore large pond and make area more accessible with an informally surfaced footpath fencing planting in parts opening views from adjacent green positioning seats	1983-4	Woking Borough Council
Castle Point	Smallgains Infill Infilling of waste land to provide open space amenity	1983-5	J Watts
Portsmouth	Milton Common Development of former Council refuse tip Projects include informal landscaping recreational footpaths picnic areas horse paddocks water features etc	1984-7	Director of Tourism & Leisure
Portsmouth	Hillsea Lines Landscaping of Eastern end of the Lines and construction of Nature Trail	1984	Chief Parks & Recreation Officer
Conservation			
Sevenoaks	Farningham Woods Nature Reserve To manage the area for the protection and enhancement of wildlife	Long-term	P Evans
Castle Point	The Lake Project Canvey Island Waterway Environmental Improvement — for benefit of wildlife and public	1982-4	J Watts
Medina & South Wight	Countryside Heritage Study To identify and survey the changes and the rate of losses of Countryside Heritage in the natural and man-made landscape (with County Council)	1983	Isle of Wight Planning Unit County Council Cultural Services Department Boroughs
Durham	Beaurepaire Manor House The excavation consolidation and preservation of a ruined mediaeval manor house within the Bearpark Recreational Development Area	1979-85	H M Robert
Dwyfor	The Llyn Peninsula An appraisal on the Area of Outstanding Natural Beauty and Heritage Coast	Jan-Dec 1983	Planning Officer
Ynys Mon	Coastal Management Project Improvement and co-ordination of management and land use change on Anglesey coast and particularly Heritage Coast areas Production of management plan and small scale direct works are project requirements (with CC)	1983	R J Owen Planning Department
Epsom & Ewell	Epsom Common Management Programme To achieve the overall conservation of habitats for 500 species of flowers and 80 species of birds	Long-term	Epsom and Ewell Borough Parks Council Officer Dept
Epsom & Ewell	Horton Country Park Development Conservation of agricultural landscape lowland woodland planting for amenity and forestry interpretation recreation etc.	Long-term	

Bournemouth	Hengisbtury Head Management Plans Preparation of a plan to manage archaeological conservation recreation and erosion considerations on this unique headland	Planned Completion September 1984	Parks Manager Bournemouth Borough Council
East Yorkshire	Flamborough Headland Heritage Coast Project To conserve and enhance an area of coastline at the same time affording sympathetic public access in a planned manner Includes a habitat and visitor survey	1984-7	East Yorks District Council
Portsmouth	Leigh Park Gardens (Sir George Staunton Estate) Continued restoration of a unique recreational facility		Portsmouth City Council
Country Parks			
Hastings	Country Park Researcher To carry out a thorough survey of the 580 acre Hastings County Park and to draw up a management strategy Work involves an assessment of the Park's ecology recreation needs and conflicts a user survey and identification of priorities	1984	Parks and Recreation Officer
Newport	Market Research Project A study of visitor patterns behaviour and preferences at Tredegar House and Country Park (Sponsored by Newport Services Commission)	Completed	B Taylor Leisure Services Officer
Portsmouth	Portsdown Hill Creation of a countryside park Project to include tree planning picnic areas bridle ways and management of existing vegetation	1984	Portsmouth City Council
Warrington	Walton Country Park Creation of Urban Fringe Country Park		Warrington Borough Council
Warrington	Pembrey Country Park Study of a Countryside Recreational Facility its use wear capacity and the effects of the management and maintenance on the semi-natural vegetation	1982-5	I Cadogan
Aberconwy	Great Orme Country Park Management Plan To produce a comprehensive management plan including conservation recreation and amenity aspects	1983-4	Country Park Warden
Leicester	Use of Parks in Leicester Comparison 1976 survey user characteristics marketing awareness	1984	Leicester
Scarborough	Oliver's Mount/The Mere Country Park To prepare a plan for the development and management as a County Park of 230 acres of land on the urban fringe of Scarborough		D Williams
Cycle Paths			
South Derbyshire	Study of Recreational Cycle Routes Increase access to the countryside/bring into use disused railway lines etc countryside study		Country Planning Officer
Land Reclamation			
Southampton	West Wood Project Reclamation of tipped land and possible after use of Golf Course	1987	Southampton City Council
	Enhancement and Management of neglected woodland (with Hampshire CC and Eastleigh)	1984	
Warrington	St Helen's Canal Derelict land Reclamation Historical Canal creation of recreational facility	1980	Warrington Borough Council
Warrington	Rixton Brickpits Ecological and Recreational use of derelict land		Warrington Borough Council
Footpaths			
Huntington	Recreation Footpath Scheme Improvement and modification of footpath system in selected areas of District	Continuous	Planning Department

Southampton	River Itchen Waterside Pedestrian Routes Long-term policy to establish a river pedestrian route (and perhaps cycle route in places) from the docks to the urban fringe		City Planning Officer (Research & Strategy Section)
Woking	Hoe Valley Linear Park To create footpath links and loops adjoining the Hoe Stream with the emphasis on informal recreation	1984-6	S Vaire Planning Department
Thanet	Footpath Survey Survey of all existing public right of way	1984	Thanet District Council
Thanet	Development of Footpath Network To identify unregistered paths and scope for using these and new links to promote recreation	1984	Thanet District Council
Welwyn Hatfield	Alban Way Hatfield Conversion of 2½ mile disused railway to footpath/cycleway with landscaping etc	1982-4	P Carter Planning Welwyn Hatfield District Council
Ynys Mon	Coastal Footpath Creation of continuous footpath round coast of Anglesey Gradual implementation now taking place after 1982 Survey and route identification	Long-term	R J Owen Planning Department
Cardiff	Caerphilly Mountain Project Footpath Survey To provide basic information on the system of public rights of way in the Caerphilly Mountain Area and to compile a dossier of works required to improve this system (with CC and committee of local authorities)	1984	P Jaune (Caerphilly Mountain Project Officer)
Wimbourne	West Moors Riverside Walk Surfacing/fencing stiles/bridges/waymarking		
Kingston Upon Hull	Footpaths Identification of possible routes for footpaths and/or cycleways to link existing routes to form an integrated system	Continuous	Chief Planning Officer Kingston Upon Hull County Council
Gedling	Study of potential for future interpretive trails To find and implement future leaflet—guided footpath trails in the rural parts of the Borough	1984	S K Warren Planning Department
Watford	Colne Valley Linear Park Plan Improvement of public access — creation of a continuous pedestrian route along the valley including disused railway line Improvement of access for cyclists (with local bodies and voluntary groups)	1984	Helen Booth Forward Planning Group Watford Borough Council
Wyre	Staffordshire and Worcestershire Canal footpath Creation of a recreational footpath on canal towpath between Stourport and Caunsall (with British Waterways Board)	1983	Wyre Forest District Council
Rhuddian	Footpaths and Bridleways Survey of footpaths and bridleways on various areas (with MSC)	1983-4	Department of Tourism and Amenities Rhuddian Borough Council
Newport	Bridle Path To provide suitable bridge paths near the urban area to give horse riders access to the surrounding countryside	1984	G T Chaloner Outdoor Amenities Officer Newport
Northavon	'Frome Valley Walkway' Scheme Secure a continuous riverside footpath along the River Frome from the city boundary to its source	Continuous	
Epping Forest	Countryside Access Review Comprehensive review (non-statutory) of footpaths bridleways cycle routes on area basis Networks/circuits/ links contact with Lee Valley Regional Park visitor facilities	1984-5	A J B Robinson Planning Department
Warrington	Mersey Way Footpath Long Distance Recreational Footpath	1979	Warrington Borough Council

Habitat/Ecological Surveys

Teignbridge	Phase I Habitat Survey To provide information on natural and semi-natural habitats within Teignbridge District Council excluding Dartmoor National Park	1983-4	Teignbridge District Council
Teignbridge	Phase II Habitat Survey Secondary Research Project based on Phase I and leading to an identification and ranking of major important natural and semi-natural habitat types	1984	Teignbridge District Council
Poole	Ecological Survey to North Canford Heath To assess the regional/national significance of North Canford Heath as part of diminishing heathland and to assess the effect on the heath of continuing development in the Borough	1983-4	D Ralph Planning
Thanet	Ecological Survey To complete a comprehensive survey and identify magnitude of whole task	1984	Thanet District Council
Southend on Sea	Research distributions of plants and animals within south-east Essex Ascertaining and assessing areas of biological interest	Continuous	Central Museum Southend
Ynys Mon	Ynys Mon/Isle of Anglesey & Wetland Survey Ecological/Conservation to survey and assess important habitats and identify additional sites for designation as SSSI's	1983-4	Ynys Mon
Cardiff	Investigation into the fishing activities and fish populations at Roath Park Lake To determine and assess factors influencing the development of fish populations	1984-7	R Williams Department of Applied Biology UWIST
Middlesbrough	Marton West Beck An ecological survey of wildlife habitats in the whole valley to provide data for a Management Plan for future recreational use		R A Butcher Recreation and Amenities Department
Rossendale	Ecological Survey	1984-5	Rossendale District Council
Epping Forest	Ecological Site Survey Identification/assessment of conservation needs of known sites of ecological interest especially woodlands	1985-86	Epping Forest District Council
Open Space Surveys			
Carlisle	Carlisle Urban Area Plan Study of open areas around the town and river valleys	1984	Leisure Service/ Planning Department
Southampton	Public Open Space Provisions Analysis of Open Space facilities as part of a background topic paper on recreational provision in the City	1984	Southampton City Council Planning Department
Southampton	Linear Open Space Provision Detailed site analysis of several small stream valleys which traverse the urban areas to assess their recreational/amenity value as footpaths and their wildlife value	1984-6	Southampton City Council Planning Department
Plymouth	Future Public Open Space Proposes programme for the acquisition and implementation of land to be used for public open space — to meet an identified shortfall		R Williams Plymouth
Kingston upon Hull	Review of Public open space provision Assess its adequacy in the light of Development Plan standards	1984-5	Kingston upon Hull City Council
Bracknell	Bracknell Open Space Study To ascertain future requirements bearing in mind the rapid population growth in the area	1983-4	Planning and Recreation Department

Portsmouth	Paulsgrove Chalkpit Formation of informal linear Public Open Space	1982-92	Director of Leisure and Tourism
Durham	Pelaw Woods/Old Durham Feasibility Study To assess the potential for recreational use in a newly acquired area of woodland and farmland adjoining the Central Urban Area of the City	1984-5	H M Roberts
Ynys Mon	Woodlands and Wetlands Management Plan Preparation of subject plan to govern the protection management and enhancement of Anglesey's woodlands and wetlands	1984	I W Richards Planning Department
Nottingham	Sellers Wood Local Nature Reserve Production of Management Programme for Woodland on urban fringe involving surveys of flora fungi etc		City Planning Department
Cardiff	Coppicing To encourage structural diversity in a derelict woodland To increase light penetration to the woodland floor and to monitor the subsequent changes in the ground flora	Long-term	A Jones (Conservation Officer)
Hastings	Woodlands Researcher Carry out a thorough survey of the woodlands and copses involving a detailed site survey and preparing a management policy having regard to environmental ecological and recreational interests		Borough Council
Other Recreation Projects			
Leicester	Market Research Survey — Outdoor Pursuits Centre Studying user characteristics and marketing awareness	1984	City Council Recreational Arts Department
Yeovil	Countryside Recreation Review To look at all aspects of countryside recreation within the district and to define policy for the District Council	1985	M G Woods
Melton	Centre for the countryside and countryside pursuits To create a working heritage educational and recreational centre	1983-5	Borough Planning Officer
Huntingdon	Ouse Valley Recreation Local Plan Statutory Local Plan for Ouse Valley	1982-4	Planning Department
Ipswich	Belstead Valley Study To assess the demand and then plan for informal recreation in the Belstead Valley (with County Council)	1984	Director of Development Services Borough Council
Durham	Bearpark Recreational Development Area To improve local recreational facilities and explore opportunities of developing recreation and tourist facilities serving a larger area	1984-6	R J Thompson
Wimbourne	Provision of recreational facilities in villages Identify local shortfalls/provision of facilities		District Council
Wimbourne	Potterne Country Park Verwood Land and water-based sport and recreational activities focusing on Ringwood Forest and proposed reservoir	Long-term	Assistant Chief Executive
Wimbourne	Inventory of recreational facilities in District Research to identify deficiency by Parish to be followed by recreational strategy for District		
Scarborough	Countryside Areas West of Scarborough To investigate in consultation with the North York Moors National Park Authority the potential for greater public access to the countryside areas west of Scarborough		D William
Scarborough	Esk Valley Recreation Study To investigate in collaboration with the National Park the provision of countryside recreational facilities in the Esk Valley and the need for management policies for conservation		R Williamson

Warrington	Mersey Valley Partnership Urban Fringe land management recreation and interpretation	1979-86	Planning and Estates Department
Llanelli	Kidwelly Industrial Museum Morials Engine Industrial Archaeological research into tin plate works and coal mining to establish an industrial heritage centre at Kidwelly	1984	R Fidler
South Derbyshire	Trent Valley Recreation Local Plan To co-ordinate recreational proposals with other land uses in the context of the structure plan — area adjacent to the River Trent and the lower reaches of the Rivers Derwent and Dove (with County Council)		County Planning Officer
Harrogate	Survey of all private recreation provision voluntary and commercial in Harrogate District including facilities and opportunities for formal and informal recreational children's play	Current	N Owen Recreation Dept
Tourism			
Gloucester	Tourism Management Strategy To determine the Council's future direction of promotion over the next 5 to 10 years	1984	City Council
New Forest	New Forest Tourism and Recreation Analysis of Tourist/Day Visitor Activity in New Forest area	1983-4	D S Stewart District Council
Warwick	Tourism Survey Conduct a survey 'on the streets' and of hotel proprietors etc providing information not previously available to provide better base for future marketing methods	1 year	A Pedley
Afan	Tourist Survey Survey of all tourist attractions within Afan area to provide base for improving facilities and attractions	1983-4	G White Borough Council
Eden	East Fellside and Alston Moor Project To stimulate economy of East of Eden District through new businesses tourism recreation	1980-5	A Berlyn District Council
Waterside and Water Recreation			
Southampton	Woolston Waterfront Recreation Area Design of information recreation area as part of Woolston District Centre proposals to incorporate open space boat launching sailing centre play area and museum complex (with County Council)	1984	City Planning Officer (Local Plans and Conservation Section)
Warwick	Saltisford Canal Restoration Restoration of Canal Arm to provide recreational use and mooring quarters for residential boats	2-3 years	A Pedley
Fenland	Nene-Ouse Navigation Link working party Encourage the greater use of route by cruisers and other suitable craft	10 year plan	S Bateman Senior Planning Officer Fenland
Woodlands			
Castle Point	Shipwrights Wood Thundersley Woodland Management and Conservation — coppicing practiced	1983-5	J Watts
Durham	Coxhoe Hall Woods The retrieval of a woodland area to display the surviving features of a country house and its history techniques for interpretation and education	1983-4	H M Roberts

ASSOCIATION OF METROPOLITAN AUTHORITIES

RESEARCH OF MEMBERS COUNCILS 1984/85

AUTHORITY	PROJECT TITLE AND SUMMARY OF OBJECTIVES	TIMESCALE	POINT OF CONTACT
Access to the Countryside			
South Yorkshire	Strategic Cycle Routes To identify routes for recreational cycling based on four major centres	Continuous	J Benest
West Yorkshire	Haworth Area Rural Transport Pilot Study To examine the community's needs and the adequacy and cost-effectiveness of current provision (with PTE)	1983-4	P G Headicar Planning Department
	Recreational Transport Project 'Wayfarer' (see CC9 for details)	1981-5	C Speakman Recreation and Arts Division
	Recreational Transport Studies for Schools To develop educational materials and establish a pupils' travel club (with PTE)	1984	(as above)
	Recreational Disadvantaged Experimental project in Keighley to encourage less advantaged groups to use countryside trip opportunities (with Council for Voluntary Services)	1984	(as above)
	Water Bus Service To develop use of county's waterways	1984	J Galvin
	Garforth to Kippax Recreation Route To examine the potential use of a disused railway line for walking cycling and horse riding To study compatability of mixed usage and control of unauthorised use	1984-5	P Colley Planning Department (as above)
	Greenways Development To develop former canals/railways as pedestrian/equestrian links from the town to the countryside (with CC and MSC)	Continuous	V Gradwell
West Yorkshire	Valley Park To continue and develop linear walkway (with Wolverhampton Borough Council colunteers and MSC)	Continuous	P Millet Local Plans Section
	Mickletown Ings Re-survey of Water Chemistry To compare data with 1977 FBA survey at this inland wetland SSSI with brackish water influence	1983-4	J S Watson Planning Department
	Rishworth Moor Ornithological Survey To survey breeding bird populations in relation to proposed access improvements (with NCC)	1984	(as above)
	Sites of Scientific Interest To monitor extent and composition of semi-natural wildlife habitats as a basis for a review of protection and management	Continuous	(as above)
	Lowther North Recolonisation To monitor the re-establishment of semi-natural communities on restored opencast coal mine near River Aire	1980-	(as above)
	Wild Flora Mix Establishment To investigate success in establishing species — rich grassland and woodland field layers on land reclamation sites	1982-	(as above)

	Disused Railway Habitats To investigate range and change in habitats associated with land reclamation schemes aimed towards establishing recreation facilities	1979-	J S Watson Planning Department
	Wakefield-Barnsley Belt Ecological Survey To investigate present day and historical ecology of a countryside tract between urban areas	1979-	(as above)
Greater London Council	Welsh Harp Reservoir To develop a nature reserve in West Hendon (with London Borough of Brent)	Continuous	G Frederick Parks Services Manager
Dudley	Blackbrook Valley Project To establish and manage an urban wildlife area (with MSC DOE NCC and others)	Continuous	K A Davies Leisure and Amenities
Wolverhampton	Bushbury Hill Open Space To improve a degraded woodland and hedgerows (with CC and volunteers)	1980-90	D Millet Local Plans Section
	Windmill Lane Bird Reserve To manage an over mature woodland to increase wildlife habitat potential	1982-97	(as above)
Design — Artefacts			
Greater Manchester	Hollingworth Lake Country Park Littleborough To repair reservoir dam and retain recreational use of water by meeting safety requirements (with North-West Water Authority)	1984-5	
Interpretation			
Wolverhampton	Northcote Farm Country Park Creation of an education farm/country park (with CC MSC and volunteers)	1982-9	(as above)
Sandwell	Sandwell Park Farm Restoration To provide an interpretation centre which will co-ordinate recreational and educational activities (with MSC)	1981-5	
Land Reclamation/Restoration			
South Yorkshire	Rother Valley Country Park To develop a former opencast mining site to provide a variety of recreation facilities (with CC)	1984-	P G Turnridge
	East Barnsley Project To reclaim derelict land for local open space and recreational purposes	1984-	(as above)
West Yorkshire	Recultivation of Reclaimed Colliery Spoil To improve the soil structure and grassland productivity	1984-9	E Simmons Land Reclamation Unit
	Evaluation of Different Grass Species as Forestry Ground Cover on Colliery Spoil To test various grasses for their comparative appropriateness	1984-9	(as above)
	Green Manure Trials To grow arable crops in colliery spoil to improve the structure and fertility of shale	1984-92	(as above)
	Arable Crop Trials To test a range of crops grown directly into colliery shale	1984-9	(as above)
	Operation Groundwork (see CC7 for details)		
Knowsley	Stadt Moors Park To develop a country park from a reclaimed tip site for recreation	1982-8	K Myres Country Park Manager (as above)

	Harewood Railway Triangle To develop a country park from reclaimed railway sidings	1983-6	K Myres Country Park Manager
Legal Aspects			
London Borough of Barnet	Equestrian Ride To establish a route in Mill Hill	1984	G Frederick Parks Services Manager
Management of Facilities			
London Borough of Barnet	Scratchwood Nature Trail To develop a trail for educational use in Mill Hill	1984	(as above)
	Extension of Recreational Walks in Green Belt To develop paths for recreation	1984	(as above)
	Moat Mount Open Space To improve car parking and access	1984	(as above)
City of Westminster	Riverside Walk along the Thames To negotiate provision when opportunities arise through development schemes on the waterfront		W Stewart Planning Department
	Regents Canal/Paddington Basin To improve these waterways both environmentally and for recreational use		N Hill Planning Department
Management of Natural Resources			
South Yorkshire	Urban Fringe Assessment To develop a method for assessing the impact of problems affecting agriculture production in the urban fringe (with MAFF)		W A White/ C Gibbons
	Upper Don Tributaries Study To examine recreation and conservation issues as a basis for an action programme (with WA and NPA)		D A Edmondson
Tyne and Wear	Urban Fringe Area Management Scheme To resolve environmental problems and conflicts (with CC)	1981-6	B Bellwood Countryside Officer
West Yorkshire	Lower Aire Valley Subject Local Plan To produce a management plan covering recreation land reclamation improving the landscape and access opportunities	1984-	D Manhire Planning Department
London Borough of Barnet	Hertfordshire/Barnet Green Belt Management Area To manage the area with regard to conservation recreation and the needs of agriculture and forestry (with CC)	1984-87	P P Green
Dudley	Wrens Nest Project To improve and manage a NNP with the involvement of local residents schools and volunteers (with MSC and NCC)	1983-93	I Worrall Leisure and Amenities
	Cotwall End Valley To improve and manage a large urban fringe wild area including a nature centre	1984	P James Leisure and Amenities
London Borough of Ealing	Brent River Park To provide a linear park through the Borough	Continuous	Chief Officer Parks and Amenities
	Horsenden Hill To develop the recreation potential of area natural fields/woodland in an urban area (with CC)	Continuous	(as above)
Royal Borough Kingston Upon Thames	Lower Mole Countryside Management Project (See Sur 1 for details)	1983-6	N Baxter Surrey CC Planning Assistant
	Hogsmill Valley Environmental Works To open up the valley to improve public access and minor environmental improvements	Continuous	Borough Planning Officer

Knowsley	Pex Hill Development of a site leased by North-West WA as a picnic site/country park (part Operation Groundwork with MSC)	1983-5	K Myres Country Parks Manager
	Carr Lane Pond To improve the landscape for informal recreation	1984-5	(as above)
	Mill Farm Pond To improve the landscape with resident involvement Knowsley Countryside Ranger Service being developed to offer a borough-wide service	1984-6	(as above)
Rochdale	Woodland Planting Scheme Hopwood Middleton To re-create a former woodland area (with Groundwork)	1984-5	M Giles Recreation and Amenities
	Irk Valley Middleton To improve the area generally including the development of fishing lodges	1984-5	(as above)
	Hollingworth Lake Country Park Littleborough To build an information centre	1983-4	(as above)
Rotherham	Thrybergh Country Park To resolve conflicts between those who live in and manage the countryside and the need to conserve landscape and wildlife	1983-4	M Wood Amenities and Recreation
Newcastle Upon Tyne	Urban Fringe Management Scheme To develop a plan to manage the area	1983-7	T Hutchinson City Planning Department
Greater Manchester	Countryside River Valley and Countryside Parks Visitor Survey To survey visitors to establish a permanent monitoring system and to ascertain their requirements (with MSC)	1984	J Roberts
Bury	Kirklees Valley To develop a linear park leisure route as part of the Croal-Irwell Valley local plan (with DOE)	1979-84	Planning and Recreation Department
Sefton	Coast Management Scheme To make use of the coast for recreation compatible with preserving the landscape (with CC)	Continuous	B Grinney
London Borough of Southwark	Longfield Campsite and Woodland To establish a site and adopt a management plan for woodland	1982-4	P Dimoldenberg
London Boroughs of Croydon Merton and Sutton	Beddington/Mitcham Area of Opportunity To develop a park including a watersports complex informal recreation and nature conservation area (with GLC and Thames WA)	1984-	H Lusser Sutton Planning Division
London Borough of Sutton	Wandle Valley Improvement Scheme To improve the area for recreation and nature conservation	1983-5	G Dean Planning Division
	Green Belt Improvement Scheme To improve access for walkers and riders To establish picnic sites nature reserves and nature trails	1984-5	(as above)
Tourism			
West Yorkshire	Visitors Surveys at County TICs and Penistone Hill Country Park To produce a visitor profile and record peoples opinions and motivations towards countryside recreation and improve database for continuing management information	Annual	I Kendal Recreation and Arts

BRITISH TOURIST AUTHORITY

RESEARCH PROGRAMME 1984/85

PROJECT TITLE	SUMMARY OF OBJECTIVES	TIMESCALE	COMMENTS
Continuous/Annual Research			
<i>BTA 1</i> Overseas Market Profiles	To monitor changes in holiday habits in BTA's main overseas markets	Updated each autumn	Series of profiles covering thirty countries
<i>BTA 2</i> Secondary Analysis of International Passenger Survey (IPS)	To examine in detail the volume value and characteristics of visitors to Britain from overseas including regional spread	Annual	Sponsored by Department of Trade and Industry In addition to data published by Her Majesty's Stationery Office extra information is gathered on specific subjects paid for by BTA and the Tourist Boards
<i>BTA 3</i> Overseas Visitor Survey	To supplement IPS data	Continuous	Some regular and some ad hoc subjects covered in this survey on which other organisations may buy questions
<i>BTA 4</i> London Visitors Survey	To examine overseas visitors to London in summer	Annual	Some regular and some ad hoc subjects covered in this survey
<i>BTA 5</i> British National Travel Survey (BNTS)	To monitor trends in British people's holiday-taking at home and abroad	Annual	Full results available on subscription Summary results in BTA Digest of Tourist Statistics, CSO Social Trends and on Prestel (page no 22088) Jointly sponsored by BTA STB and WTB
<i>ETB 1</i> British Home Tourism Survey (BHTS)	(See ETB programme for details)	Continuous	Jointly sponsored by BTA ETB and WTB
<i>BTA 6</i> Examination of Specific Overseas Markets	To obtain detailed information for planning from overseas visitors on pattern of booking type of holiday package reason for travel activities in Britain and reactions to facilities	As required	Regular series of ad hoc surveys
<i>BTA 7</i> Evaluation of BTA Marketing and Promotional Activities	To evaluate effectiveness of BTA advertising promotional brochures information services workshops conferences trade fairs etc	As required	Surveys in response to specific needs and requests
<i>BTA 8</i> Conference and Exhibition Monitor	To estimate the value of conferences and exhibitions held in Britain	Continuous	Full results available only to participants
<i>BTA 9</i> Tourism Barometer	A survey of business trends by sector	Quarterly	Results on Prestel (page no 22088)
<i>BTA 10</i> Tourism Price Index	A survey of international tourism prices	Twice yearly	Brief summary of results published

RESEARCH PUBLICATIONS 1983-84

- BTA (P) 1 BTA/ETB/STB/WTB (1983) *British Home Tourism Survey 1982* (BHTS)
- BTA (P) 2 BTA (1983) *Digest of Tourist Statistics* No. 11
- BTA (P) 3 BTA (1983) *The Economic Significance of Tourism Within the European Community* (Fifth Report)
- BTA (P) 4 BTA/ETB/NITB/STB/WTB (1983) *Heritage '84 — A Report of the Conference*
- BTA (P) 5 BAT (1983) *Museums — Lessons from the USA*
- BTA (P) 6 BTA (1983) *Survey Among Overseas Visitors to London, Summer 1983*
- BTA (P) 7 BTA (1983) *Survey of Overseas Visitors to London Museums, 1983*
- BTA (P) 8 BTA (Quarterly) *Tourism Intelligence Quarterly*
- BTA (P) 9 BTA (1983) *What Do Overseas Visitors Want from a Visit to a Stately Home? 1983*
- BTA (P) 10 The Research Newsletter Supplement to BTA's quarterly magazine *British Travel News*, contains summaries of many of BTA's research studies.

Contact for enquiries: Stewart Rigby, Research Department, British Tourist Authority, Queen's House, 64 St. James's Street, London SW1A 1NF (01-629 9191)

BRITISH WATERWAYS BOARD

RESEARCH PROGRAMME 1984/85

PROJECT TITLE	SUMMARY OF OBJECTIVES	TIMESCALE	COMMENTS
Annual Research			
<i>BWB 1 Hire Boat Survey</i>	To collect information from selected hire bases about market characteristics groups and expenditure patterns of boat hirers	April 1983 — May 1984	Survey period April-October 1983 In-house Questionnaire distributed by hire boat operator
<i>BWB 2 Lock Based Surveys</i>	To collect information on boat lockage ratios and market data on private boaters	July 1983 — Jan 1984	Survey period July — September 1983 In-house to be repeated in 1984
Current Research			
<i>BWB 3 Boating Market</i>	To collect information on the market for private boating	July 1983 — Dec 1984	Postal surveys of new and lapsed boaters carried out in-house
Committed New Research			
<i>BWB 4 Unpowered Boating Market</i>	To establish the market for canoeing and unpowered boating on the Board's waterways	Start mid-1984	Likely co-operation with Sports Council and British Canoe Union
<i>BWB 5 Leisure Developments Market Research</i>	To examine the feasibility of new leisure developments on inland waterways	Start Jan 1984	In-house
Tentative New Proposals			
<i>BWB 6 Remainder Waterways</i>	To examine the costs and benefits of restoration on the Union Canal and Forth and Clyde Canal	Start late 1984	Possible joint exercise with local authorities
<i>BWB 7 Monitoring Recreation Activity</i>	To establish the volume of use by anglers and walkers and their characteristics	Mid 1984 — early 1985	In-house surveys

RESEARCH PUBLICATIONS 1983/84 .

- BWB (P) 1 *Use of the Waterways by Private Boats: Report of the log book surveys.* Recreation Planning Research Paper No. 17 July 1983
- BWB (P) 2 *Road Traffic Generation by Marinas.* Recreation Planning Research Paper No. 18 August 1983
- BWB (P) 3 *Characteristics of Private and Hire Boaters: Report of the lock based surveys 1982.* Recreation Planning Research Paper No. 19 October 1983
- BWB (P) 4 *The Grand Union Canal in Milton Keynes: Economic benefits and recreation use* Recreation Research Paper No. 20 March 1984

Contact for enquiries: Robert Hall, Recreation Planning Officer, British Waterways Board, Penn Place, Rickmansworth, Herts WD3 1EU (09237 78231)

CONVENTION OF SCOTTISH LOCAL AUTHORITIES

RESEARCH OF MEMBER COUNCILS 1984/85

AUTHORITY	PROJECT TITLE AND SUMMARY OF OBJECTIVES	TIMESCALE	POINT OF CONTACT
Regional Councils			
Central	Strategy for Interpretation in Central Region Report of workshops involving public and private sectors	1984	I Webster, Deputy Director of Planning and J Mackay CCS
Fife	Informal Countryside Recreation for Mentally and Physically Disabled people An experimental programme to help the disabled enjoy the countryside	1982	M Urquhart Senior Assistant Director of Education
Grampian	Regional Interpretive Planning To select appropriate sites to interpret the important aspects of natural and cultural heritage of the region	1977	Planning Department
	Integrated Planning policies and management guidelines for the Cairngorms To produce a planning framework	1984	Planning Department
	Downhill Skiing areas within the region To develop a management plan to minimise harmful environmental side effects	1983	Planning Department
	Management Frameworks for Coastal Resource To examine access and erosion as it affects recreational purposes	1983	Planning Department
	Ecological Survey of Coastline River Don to River Ythan	1978	Regional Parks — Horticultural Section
	Balmedie and Don/Ythan Coastal Area Country Park To develop access and management of this area as a country park	1984	Planning Department Coastal Area Management Committee
	Visitor Survey of Balmedie Country Park To collect information to aid effective management and conservation	1979-82	Regional Parks — Horticultural Section
	Haddo Country Park Visitor Survey To assess relative number of visitors at different times week and year	1982	(as above)
District Councils	Haddo Country Park Changes in Bird Population To assess the affect of woodland management	1984-5	(as above)
Clackmannan	Visitor Survey of Countryside Facilities To examine origin of visitors frequency of use length of stay and purpose visit	Summer 1984	D Bloomer Technical Services Department
Clydesdale	Lanark Moor Country Park To develop facilities and management structure (with MSC)	1983-	W U'Ren, Director of Planning and Technical Services or Scottish Development Agency
	Leadhills Environmental Improvement To develop heritage interpretation and tourism development	1984	(as above)

	Clyde Walkway To create a long distance footpath	1984-5	W U'Ren, Director of Planning and Technical Services or Scottish Development Agency
	Douglas Castle Policies To improve or establish informal countryside recreational facilities	1984-	(as above)
Dunbarton	Balloch Castle Country Park Visitor Survey To establish basic levels of use	1983	S Sankey Country- side Ranger Service Balloch Park
City of Edinburgh	Survey of visitors in Lothian Area To monitor visits to sites including roadside survey	1983-5	H Lwyscoer Edinburgh District Council and P Pearson CCS
Falkirk	Campsie/Touch Hills integrated land use Study Landscape assessment to examine its recreational potential	1984	L Livingstone Planning Department Central Regional Council
	Central Scotland Woodlands Project To provide rehabilitated land for agriculture forestry and recreation	1985	Central Scotland Woodlands Project Falkirk
	Birkhill Clay Mine/Bo'ness Heritage Museum To encourage tourism and use redundant claymine as educational interpretative centre	1983-8	F Bracewell Director of Planning Central Regional Council
	Scottish Railway Path and Cycle Route Project To provide access for cyclists on disused railways canal towpaths and off-highway opportunities	1983-8	T Gray 180 High Street Edinburgh
	Footpaths rights of way and disused railways To investigate recreational facilities	1983-8	N McKay Planning Department
	Union Canal Working Group To develop the canal for recreational and amenity purposes	1983-8	T Christie Planning Department
	Forth and Clyde Canal Working Group To prepare a plan for action on the canal	1984	W Johnston Planning Department
Motherwell	Dalzell Park Vegetation Trials To study methods of creating a meadow sward from existing mown areas by grassland management	1984-8	Parks and Cemeteries Manager
	Iewpark Glen To create a park on urban fringe with community participation	1983-5	(as above)
Strathkelvin	Campsie Fells Recreational Development To develop recreation within local plan in liaison with landowners and other interests	1984-7	K Lodge District Council
	Barrhill Recreational Development To secure public access and consider appropriate informal recreation provision	Continuous	S Maitland District Council
	Rights of Way and Footpath Improvements To improve access to the countryside by signposting and development including a disused railway line as a long distance route	Continuous	J Hartley and D Macfarlane District Council
	Forth and Clyde Canal To enhance the environs of the canal and promote recreational usage of the canal including private initiatives	Continuous	S Maitland Strathkelvin District Council

Stirling	Water Based Recreational Development To encourage private sector in the development of water based recreational facilities	Continuous	B McAuley District Council
	Recreational Developments in Green Wedge Areas To develop green wedges linking urban areas to the countryside including the development of walkways	1985	(as above)
	Markland's Golf Course Kirkintilloch To rehabilitate derelict land as a golf course	1986	(as above)
	Lenzie Moss — Proposed Development To improve public access and develop the area through environmental improvement and protection		(as above)
	Stirling District Environmental Survey Land-use and vegetation mapping to collect information on wildlife (with MSC)	1983-4	W Brackenridge Countryside Ranger Service Leisure and Recreation Department
West Lothian	Footpath Survey To produce a data base concerning status condition and signposting of rights of way and other footpaths	1981-	(as above)
	Lothian Recreation Survey To collect information on countryside use	1983-86	D Merrison District Council

COUNTRYSIDE COMMISSION

RESEARCH PROGRAMME 1984/85

PROJECT TITLE	SUMMARY OF OBJECTIVES	TIMESCALE	COMMENTS
Current Research			
CC 1 DART Culm Measures	Appraisal of ways of integrating farming and forestry without detriment to agricultural incomes or numbers of farmers in Culm Measures area of Devon	1983-6	Co-sponsored with EEC FC NERC MAFF Carried out by DART
CC 2 Demonstration Farms Programme Phase III	To promote advice and technical knowledge on all aspects of practical landscape conservation to farming interests via a demonstration programme on 10 farms	Continuing	Co-sponsored with FC MAFF and NCC
CC 3 Bedfordshire New Agricultural Landscape project	To promote landscape conservation and enhancement in an area of North East Bedfordshire	1980-6	Co-sponsored with Beds CC and districts, being carried out by a project officer
CC 4 National Centre for Historic Landscapes	To serve as a focus for research and expertise on historic landscapes and to provide advice	1983-5	Centre based at the Institute of Advanced Architectural Studies University of York
CC 5 Pennine Small Woods project	To identify the problems associated with managing small woods develop solutions and provide advice	1981-5	
CC 6 Peak Park Camping Barns	To establish and promote a network of low cost accommodation	1983-5	
CC 7 Operation Groundwork	Urban fringe environmental improvement and recreation project using a Charitable Trust working in partnership with local authorities and the commercial and voluntary sectors	1982-6	Based in St Helens and Knowsley
CC 8 Monitoring Operation Groundwork	Monitoring the work of the project	1982-6	
CC 9 Access to the countryside by public transport	Two projects to encourage the use of public transport to reach the countryside around West Yorkshire and Greater Manchester	1981-5	Use project officers employed by PTEs
CC 10 Monitoring Landscape Change	To provide reliable information on rates of change in countryside features on a continuing basis	1984-6	Co-sponsored with DOE
CC 11 Gwent Small Woods	Similar objectives to Pennine Small Woods project above	1983-5	
CC 12 East Fellside and Alston Moor Project	To ameliorate local social economic and environmental conditions and demonstrate integrated rural development	1981-6	Part EEC funded based in Peak District
CC 13 Access Study	To assess current availability and value of access provision for sport and recreation in relation to the needs of users and attitudes of providers	1983-5	Co-sponsored with Sports Council being carried out by CLR Edinburgh

CC 14	1984 Survey of Countryside Recreation	Measure volume and nature of countryside trips in 1984	1983-5	Will include data comparable to 1977-80 to establish trends being carried out by MAS Survey Research
CC 15	Regional Information and Interpretation in the Broads	To implement an interpretation strategy	1983-6	Project officer co-sponsored with Broads Authority
CC 16	New Forest: Premium Scheme for Ponies	To help improve the overall management of the New Forest through encouraging good quality breeding stock	1982-8	

Committed New Research

CC 17	Study of Riparian Landscapes	To evaluate landscape, wildlife and recreation consequences of river improvement by water authorities	1984-6	Consultants to be appointed
CC 18	Management of Uncropped Farmland	An examination of means of conserving features of wildlife and landscape interest without jeopardising agricultural output	1984-7	To be carried out by the Weed Research Organisation
CC 19	Cornish Heritage Coast Project	To develop countryside management techniques on heritage coasts in Cornwall	1984-7	To be carried out with the National Trust
CC 20	Evaluation of Groundwork Initiatives	An evaluation of the effectiveness of Groundwork in achieving its objectives focusing mainly on Operation Groundwork	1984-6	Consultant to be appointed
CC 21	National Park Development Control Statistics	An analysis of the performance of National Parks in carrying out development control	1984	Consultants to be appointed
CC 22	Integrated Rural Development	An extension for 5 years of the project to integrate conservation MAFF and other government grants in rural areas	1984-9	Carried out by the Peak Park Planning Board
CC 23	Promotion of Canal towpaths for recreation	To test the potential of canal towpaths for recreation and access on the Leeds Liverpool and Brecon Monmouth canals		Co-sponsored with the BWB Project officers to be appointed
CC 24	Monitoring Part III of the Wildlife & Countryside Act	To measure changes in rights of way and definitive maps following the new provisions of the Act	1984-6	To be carried out by the Ramblers Association

Tentative New Proposals

CC 25	New Forest Study	An examination of present administrative arrangements for management of conservation and recreation	1984	Consultant to be appointed
CC 26	User Survey of LDRs and Recreation paths	A survey of the nature and extent of use of LDRs and recreation paths	1984	Consultant to be appointed
CC 27	Informal Recreation for the Disabled	To examine ways of improving access to the countryside for the disabled	1984-6	
CC 28	Recreation Market Research	To establish public reaction to the facilities which have been provided since the 1968 Countryside Act and future trends	1984-7	A series of studies using consultants

RESEARCH PUBLICATIONS 1983/84

- CC (P) 1 Countryside Commission (1983) *Heathland Management in Amenity Areas*, CCP 159
- CC (P) 2 Countryside Commission (1984) *Review of the Economic Efficiency of National Park Authorities*, by Arthur Young, McClelland Moores & Co, CCP 160
- CC (P) 3 Countryside Commission (1984) *Upland Landscape Change: A Review of Statistics*, by Alan Woods, CCP 161
- CC (P) 4 Countryside Commission (1984) *The New Forest Commoners*, CCP 164
- CC (P) 5 Countryside Commission (1984) *The Kent Downs Area of Outstanding Natural Beauty*, by Land Use Consultants, CCP 150
- CC (P) 6 Countryside Commission/Sports Council (1984) *Access Study: Issues for Consultation* by Centre for Leisure Research, CCP 166
- Contact for enquiries: Jeremy Worth, Recreation and Access Branch, The Countryside Commission, John Dower House, Crescent Place, Cheltenham GL50 3RA (0242-521381)

COUNTRYSIDE COMMISSION FOR SCOTLAND

RESEARCH PROGRAMME 1984/85

PROJECT TITLE	SUMMARY OF OBJECTIVES	TIMESCALE	COMMENTS
Current and recently completed research			
CCS1 Buildings in the Countryside (Part 1)	Major survey of traditional rural buildings in Scotland	Complete	Book to be published by Gollanz Ltd autumn 1984
CCS2 Secondary Analysis of the 1981 Scottish Leisure Survey	To examine in depth aspects of the SLS data set		General analysis of SLS data now complete
	(a) Comparison with 1973 (STARS) survey	Until mid 1984	Contracted to TRRU
	(b) To examine in depth the countryside recreation data for residents of central Scotland	Until mid 1984	Contracted to Centre for Leisure Research
	(c) To analyse the time-diary data	Complete	Contracted to Science Policy Research Unit University of Sussex
CCS3 Survey of Visitors to properties of the National Trust for Scotland	Survey of visitors in summer 1983 at 9 properties for marketing and management purposes	Complete	With NTS and STB Contracted to Survey Research Associates
CCS4 Co-ordinated programme of recreation surveys in Lothian Region	(a) Survey design study	Complete	TRRU
	(b) Cordon surveys: Edinburgh and West Lothian	Complete	Centre for Leisure Research
	(c) Recreation traffic modelling and appraisal of existing data	Complete	Centre for Leisure Research
	(d) Site Surveys in Summer 1984 at up to six sites	1984	To be contracted Co-sponsored with Lothian Regional Council West Lothian Midlothian and East Lothian and City of Edinburgh District Councils
CCS5 Beach Management Project	Field trials and contracted research to develop advice for the management of sand-dune systems	Complete	Some residual monitoring of trials will continue Advice being published as information sheets
CCS6 Lochshore Management Project	To develop experience in and advice for the management of inland water bodies for recreation and amenity	Until early 1986	Mainly in-house with a project officer based in Balloch Loch Lomond undertaking trials mainly concerned with engineered bank protection and vegetation management at the water's edge
CCS7 Foothpath Management Project	To develop experience in and advice for the management of upland footpaths	Until 1986	Dr R Aitken contracted as project consultant to mount a programme of trials and associated studies
	(a) Reconnaissance review of the condition of selected Scottish mountain footpaths	Complete	By Dr R Aitken To be published Spring 1984
	(b) Review of the impact of a mass walk on part of West Highland Way LDR	Complete	Dr G Dickinson University of Glasgow

CCS8	Plants and Planting Methods for the Countryside	To collate and publish advice in information sheet format for a wide range of topics concerned with planting in the countryside for amenity and recreation	On-going	Contract to horticulturist based in-house now complete Work to continue by contract to specialist advisors
CCS9	Central Scotland Woodlands Project	Development Project to improve landscape quality in the area of Slamannan Plateau by programme of tree planting	Until 1985	Co-sponsored with Central Lothian and Strathclyde Regional Councils Options for continuing project are under review
CCS10	Landscape and Wildlife Conservation on Agricultural Land	To examine the costs and implications for farming practice of conserving and enhancing the appearance of farmland and of increasing its value for wildlife	State I complete	Study of 3 farms in Borders Region now complete Contracts to Cobham Resource Consultants Co-sponsored with East of Scotland College of Agriculture and Nature Conservancy Council
		Stage II Preparation of Conservation Plans for 3 more farms in east Scotland	1984	Continues with same consultant and co-sponsors
CCS11	Monitoring Landscape Change	Survey of recent change to land-cover and other attributes contributing to the appearance of the countryside	1984-5	Under discussion as to the means and methodology whereby such work would be undertaken in Scotland
CCS12	Inventory of Gardens and Designed Landscapes	To undertake an inventory of gardens and designed landscapes for appraisal of their historic scenic and recreational importance	1984-6/7	To be co-sponsored with the Historic Buildings Branch of SDD Follows on from an earlier methodological study undertaken by Land Use Consultants for the same sponsors
CCS13	Management of Birch Woods	Management trails to demonstrate and monitor good practice	1984-	Follows on from a review of the subject undertaken by Dept of Forestry Aberdeen University
CCS14	Drainage for Recreation sites	Compilation of existing experience and information in the fields of agriculture and civil engineering	1984	To be contracted
CCS15	Buildings in the Scottish Countryside Stage II	To develop design advice for new and restored buildings in the countryside drawing on data from the State I survey of traditional rural buildings		To follow publication of book on Stage I
CCS16	Clyde-Calders Urban Fringe Project	Urban fringe project to find means of ameliorating landscape problems and improve recreation opportunities in an area on the east side of Glasgow	1984-6	Co-sponsored with Strathclyde Regional Council in association with City of Glasgow Hamilton Motherwell and Monklands District Councils
CCS17	Southern Upland Way	Survey of use of this long-distance route in its first year and of the economic benefits arising therefrom	1984	To be contracted

RESEARCH PUBLICATIONS 1983/84

- CCS(P)1 Dr R Aitken, 1984 *Scottish Mountain Footpaths: A Reconnaissance Review*. The Commission, Perth.
 CCS(P)2 Dr W Ritchie & Dr A S Mather, 1984, *The Beaches of Scotland*. The Commission, Perth.
 CCS(P)3 Dr I R Brown, 1984, *Management of Birch Woodland in Scotland*. The Commission, Perth.
 CCS(P)4 Timothy Cochrane Associates, 1984, *Providing for Children's Play in the Countryside*. The Commission, Perth.
 CCS(P)5 Land Use Consultants, 1983, *A Study of Gardens and Designed Landscapes in Scotland*. The Commission, Perth.
 CCS(P)6 Cobham Resource Consultants, 1984, *Conservation on Agricultural Land: A Study of Three Farms in the Borders*. The Commission, Perth.
 CCS(P)7 *William Gillespie & Partners, 1983, *A Study of Scenic Route Provision in Scotland*. Gillespie & Partners, Glasgow.
 CCS(P)8 *The Treatment of Exterior Timber Against Decay*, 1983, Battleby Display Centre Information Sheets. The Commission, Perth.
 CCS(P)9 **Central Scotland Woodlands Project: Fifth Report: 1983*. The Commission, Perth.

Items marked by asterisk are available only in limited numbers.

Contact for enquiries: John W Mackay, Planning Officer (Research), Countryside Commission for Scotland, Battleby, Redgorton, Perth PH1 3EW (0738) 27921

DEPARTMENT OF THE ENVIRONMENT

RESEARCH PROGRAMME 1984/85

1. The Department of the Environment's total research programme covers a wide range of topics but relatively few of these are directly relevant to countryside recreation. The projects listed below are those which are most closely related to the aims and interest of CRRAG.
2. Although projects for 1984/85 have been approved in principle the whole programme is subject to review.

PROJECT TITLE	SUMMARY OF OBJECTIVES	TIMESCALE	COMMENTS
Recently Completed Research			
<i>DOE1</i> Decision-Making for Rural Areas	To analyse the effects of public policy decisions in three case study areas and to compare them with residents' needs	1981-3	Carried out at University College London The study aims to improve the co-ordination of rural policies
<i>DOE2</i> Potential Development of Mobile Services in Rural Areas	To assess the potential of mobile services to meet the decline in village-based services	1981-3	Carried out at the University of East Anglia Will suggest forms of service for further development
<i>DOE3</i> Integrated Rural Development in Two Disadvantaged Areas	To assess current policies and initiatives to foster rural development and their integration in case study areas (Cumbria and Mid-Wales)	1981-3	Carried out by Rural Planning Research Trust
Current Research			
<i>DOE4</i> Deprivation in Rural Areas	To examine the socio-economic conditions of people in a range of rural areas with different physical demographic and economic features and assess possible solutions	1981-3	Carried out by Chelmer Institute of Higher Education To discover if 'rurality' causes or aggravates deprivation
European Commission Integrated Rural Development Initiative Research Programme		1981-6	Projects commissioned by the European Commission and co-sponsored by EC MAFF DOE DC ETB and others
<i>DOE5</i> The Potential for Integrated Rural Development of the Less Well Favoured Areas of the South West of England	To survey conditions and aspirations of residents and ecological and economic potential of the area	1981-3	Carried out by Dartington Amenity Research Trust (DART) Current policies will be assessed against the potential and recommendations for change made
<i>DOE6</i> Case Studies of Integrated Rural Development in the Peak District National Park	To evaluate by experimental trials the application of an integrated programme of rural development in the Peak District National Park	1981-6	Carried out by the Peak Park Joint Planning Board
<i>DOE7</i> Effects of Flow Regime on the Recruitment of Young Stages of Salmonid Fishes	To study the major factors of river flow concerning young stages of salmonids (egg-laying to swim-up fry) in the context of changes of regime brought about by river regulations	Phase I 1977-81 Phase II 1981-5	Carried out by the Freshwater Biological Association Should suggest method to minimise damage and/or maximise benefits Co-sponsored with MAFF WRC NERC Science Vote WA assistance in kind
<i>DOE8</i> Environmental Standards for Freshwater Fish and Life	To provide information as to toxicity of various pollutants to various fish and invertebrates in connection with EC Directives	1981-7	Carried out by Water Research Centre Marlow

<i>DOE9</i>	Analysis of Natural River Communities	To establish natural groupings of invertebrates in unpolluted rivers in relation to physical and chemical parameters	Phase I 1979-81 Phase II 1981-4 Phase III 1984-5	Carried out by Freshwater Biological Association Phase II tests extends and refines Phase I classification Co-sponsored with NERC Science Vote Assistance in kind from WAs Phase III will be production of a user manual
<i>DOE10</i>	Water Resource Implications of Upland Management	To investigate changes in water run-off resulting from afforestation deforestation and conversion of bracken etc to pasture	1981-7	Carried out in Scotland by Institute of Hydrology Co-sponsored with SDD WRC NSHEB DEN FC BWB and NERC Science Vote Local authority assistance in kind
<i>DOE11</i>	Upland Management with Special Reference to Forestry and Water Quality	To monitor changes in water quality resulting from extensive clear felling and re-afforestation expected in the next 30-50 years	1981-8	Carried out at a number of sites in England and Wales Carried out by Freshwater Biological Association Windermere with input from Institute of Hydrology and ITE Co-sponsored with Welsh Office (for work in Wales) and NERC Science Vote
<i>DOE12</i>	Cladophora (Blanket Weed) in Rivers Factors causing Excessive Growth	To study the factors to provide knowledge to limit growth	1983-5	Carried out by Mid Kent College with assistance in kind from SWA
<i>DOE13</i>	Rural Analysis of Census Data	To produce an up-to-date definition of urban and rural areas and re-analyse 1981 Census small area statistics accordingly to show changes in rural areas since 1971	1983-4	Carried out by Joint Unit for Research on the Urban Environment (JURUE) University of Aston
<i>DOE14</i>	National Remote Sensing Centre	To continue DOE's contribution to the support of the Centre to enable further investigation of the potential uses of remote sensing to DOE	1983-6	Centre set up by DOI in 1978 with co-sponsorship from other Government departments
<i>CC 28</i>	Monitoring Landscape Change	(see CC programme for details)	1983-6	Co-sponsored with Countryside Commission Joint study carried out by Hunting Technical Services Ltd. and the Forestry Commission
<i>DOE15</i>	The Future of Rural Common Land	To examine the conditions and use of rural common land in different parts of the country its agricultural and recreational potential and the means by which conflicts between the two can be minimised	1983-5	Carried out by Rural Planning Services
<i>DOE16</i>	Operation Groundwork: Making the most of Greenspace	To examine methods for reducing the maintenance costs of new landscapes created through CC Operation Groundwork and to develop a practical manual for use by local authorities and landscape managers	1983-6	Carried out by Operation Groundwork Trust (see CC2 and CC3 for further details of Operation Groundwork)
<i>DOE17</i>	Low Maintenance Amenity Grassland	To examine cultivars and growth retardants most suitable for grassed areas where there is a need to reduce mowing and maintenance costs	1983-6	Carried out by STRI
<i>FC 5</i>	Arboricultural Research	To continue research into tree establishment and tree decay to aid the DOE Arboricultural Advisory and Information Service	1983-6	Co-sponsored with FC and carried out by FC Research Station Alice Holt Farnham Surrey

<i>DOE18</i> Aid to Village Shops	To assess the effectiveness of schemes to maintain village shops	1983-4	Co-sponsored with DC Carried out by Building Design Partnership
<i>DOE19</i> Environmental Education	To investigate the use and effectiveness of environmental education programmes	1983-4	To be undertaken by the Council for Environmental Education
<i>DOE20</i> Liverpool Garden Festival Assessment	To establish the catchment of the festival how those attending heard of it their expectations the appeal of the festival and the amount spent both at the festival and in the wider area	1984	Carried out by National Opinion Poll (NOP) Ltd
<i>DOE21</i> Acid Rain	To investigate the effects of acid rain on cereal crops forest canopies soils and rock	1983-4	Carried out for NERC (ITE) by the Universities of Aberdeen Lancaster and Nottingham
<i>DOE22</i> Lake and Stream Acidification	To assess the effects of changing acidity of water in the Galloway and Rannoch areas	1983-8	Carried out by the Freshwater Fisheries Laboratory of the Department of Agriculture and Fisheries for Scotland

Provisionally Committed New Research

<i>DOE23</i> Mineral Workings and Amenity Reclamation	To collate and evaluate existing information in order to provide appropriate guidance on requirements for initial restoration and subsequent aftercare where mineral workings are reclaimed for amenity use	1984-5	Contractor to be decided Relates to new provisions in Town and Country Planning (Minerals) Act 1981 for aftercare of workings
<i>DOE24</i> The contribution of Micro-Technology to Rural Accessibility in the 1980s	To assess the likely availability of electronic service provision to rural areas during the 1980s	1984-5	Contractor to be appointed Focuses on the use of new information and ordering services in rural areas Supplements research by Department of Transport into the effects of micro-technology on transport services

RESEARCH PUBLICATIONS 1983/84

- DOE (P) 1 Agricultural Economics Unit University of Exeter (1983) *The Role of Farm Tourism in the Less Favoured Areas of England and Wales 1981* E T Davies Dr M Bouquet and M Winter
- DOE (P) 2 Bartlett School of Architecture and Planning University College London (1983) *Decision-Making for Rural Areas* Professor Gerald Smart and Miss Susan Wright
- DOE (P) 3 University of East Anglia (1983) *Mobile Services in Rural Areas* Malcolm J Moseley and John Packman
- DOE (P) 4 ECOTEC Research and Consulting Ltd (1983) *The Planning Problems of Small Firms in Rural Areas* JURGE University of Aston Birmingham

Contact for enquiries: Chris Blagden, Principal Planning Officer, Directorate of Rural Affairs, Department of the Environment, Room 1121 Tollgate House, Houlton Street, Bristol BS2 9DJ (0272 218337/0272 218138/218811)

ENGLISH TOURIST BOARD

RESEARCH PROGRAMME 1984/85

PROJECT TITLE	SUMMARY OF OBJECTIVES	TIMESCALE	COMMENTS
Continuous/Annual Research			
<i>ETB1</i> British Home Tourism Survey (BHTS)	Comprehensive survey of all overnight trips by British residents	Continuous	Jointly sponsored by BTA ETB WTB and commissioned from NOP Market Research Limited
<i>ETB2</i> English Hotel Occupancy Survey	To survey bed and room occupancy duration of stay and the proportion of arrivals from overseas at a sample of hotels throughout England	Monthly	Commissioned from British Market Research Bureau
<i>ETB3</i> Holiday Intentions Survey	To survey British residents' intentions to take a holiday of four nights or more during the forthcoming season	Annual	Commissioned from NOP Market Research Limited
<i>ETB4</i> Forecasts of Tourism by British Residents	To forecast the demand for tourism by British residents five years hence	Annual	Commissioned from Pannel Kerr Forster Associates Based on a computerised model of demand
<i>ETB5</i> English Heritage Monitor	To analyse England's historic attractions in terms of their number type presentation and visitor trends	Annual	In-house
<i>ETB6</i> Sightseeing in England	To analyse the use and capacity of all kinds of visitor attractions in England	Annual	Compiled in-house on basis of survey of visiting attractions through England
<i>ETB7</i> Farm Tourism and Recreation in the Disadvantaged Areas of South West England	To investigate the potential role of farm tourism in resolving the socio-economic problems of disadvantaged areas	1981-3	Jointly sponsored by European Commission MAFF DOE and others and carried out at Exeter University
<i>CC12</i> East Fellside and Alson Moor Project	(see Countryside Commission programme for details)	Extended to 5 years	Sponsored by CC DC Eden District Council and others
<i>ETB8</i> Winchester Tourism	To examine Winchester's current tourism its economic impact future prospects and resources and advise on future marketing and development	To be reported 1984	Jointly funded by ETB and Winchester City Council
<i>ETB9</i> Chester Tourism Study	To examine Chester's current tourism resources and prospects and advise on future marketing and development	1983-4	Sponsored by ETB and Cheshire County Council
<i>ETB10</i> New Forest Tourism Study	To examine tourists and day visitors to the Forest to aid future marketing and management	1983-4	Sponsored by New Forest District Council Southern Tourist Board Montagu Ventures and others
<i>ETB11</i> English Churches and Tourism Study	To bring together information on catering for visitors in churches A survey of all Anglican churches in England	1983-4	The study follows the publication of "English Cathedrals and Tourism" and requests for a similar study of parish churches
<i>ETB12</i> Bank Holiday Polls	To survey a selection of major attractions and resorts throughout England to get an impression of visitor numbers over bank holidays	4 Spring/Summer Bank Holidays in 1984	Commissioned from Research Surveys of Great Britain Ltd

RESEARCH PUBLICATIONS 1983/84

Annual Publications

- ETB (P) 1 English Tourist Board (1983) *English Hotel Occupancy Survey* (Monthly reports and Annual Summary)
- ETB (P) 2 British Tourist Authority, English Tourist Board Scottish Tourist Board Wales Tourist Board (1983) *British Home Tourism Survey 1982*
- ETB (P) 3 English Tourist Board (1983) *English Heritage Monitor 1983*
- ETB (P) 4 English Tourist Board (1983) *Sightseeing in 1982*
- ETB (P) 5 English Tourist Board (1983) *Proposed Major Conference and Exhibition Centres in England 1983*
- ETB (P) 5 English Tourist Board (1983) *England's Tourism*
- ETB (P) 6 English Tourist Board (1983) *Tourism Regional Fact Sheets 1982*. Statistical digests on tourism for each of the twelve tourist regions
- ETB (P) 7 English Tourist Board and Pannell Kerr Forster Associates (1984) *Forecasts of British Tourism Demand 1982-1987*

Other Publications

- ETB (P) 8 English Tourist Board and Wales Tourist Board (1983) *Leisure Day Trips in Great Britain Summer 1981 and 1982*
- ETB (P) 9 English Tourist Board (1983) *Dudley Tourism Study*
- ETB (P) 10 English Tourist Board (1983) *Brighton Tourism Study*
- ETB (P) 11 English Tourist Board (1983) *Holiday-taking Behaviour of Applicants for the 1982/83 "Let's Go" Booklet*
- ETB (P) 12 English Tourist Board (1983) *Britain's Zoos Marketing and Presentation*
- ETB (P) 13 English Tourist Board (1983) *Trends and Fluctuations in the Demand for Hotel Accommodation A Time Series Analysis of Hotel Occupancy Rates in England by Region and Hotel Category 1976-82*

Contact for enquiries: I M Rickson, Planning Research Manager, English Tourist Board, 4 Grosvenor Gardens, London SW1W 0DU
(01-730 3400 ext. 144)

FORESTRY COMMISSION

RESEARCH PROGRAMME 1984/85

The restriction of funds available for recreation development by the Forestry Commission has curtailed the amount of recreation research being undertaken for the present. The amount of research has also been constrained by a shortage of staff time.

PROJECT TITLE	SUMMARY OF OBJECTIVES	TIMESCALE	COMMENTS
Current Research			
<i>FC1</i> Development of the Orienteering Map for Wayfaring	To revise the wayfaring map to improve comprehension by the public and revise techniques for course layout	1981-4	In-house at FC Edinburgh Project nearing completion
<i>FC2</i> Midge Control in and around Recreation Facilities	To investigate what effective control measures (if any) of the main biting species of midge are possible at campsites and cabins	1982-4	Co-sponsored with NERC Carried out at the Dept of Zoology University of Edinburgh
<i>FC3</i> The effectiveness of Interpretive Programme based on Visitor Centres	To enable visitor centre managers to monitor the effectiveness of existing interpretive programmes	Until mid 1983	Carried out at the Dept of Psychology University of Surrey Publication during 1984/85
<i>FC4</i> Census of Trees and Woodlands	To enumerate trees and woodlands over the whole of Great Britain	Until mid 1983	In-house at FC Edinburgh Will be published during 1984/85 with County & District summaries
<i>FC5</i> Arboricultural Research	To continue a variety of research projects (see DOE programme for details)	1983-6	Co-sponsored with DOE Carried out in-house at FC Research Station Alice Holt Farnham Surrey
<i>FC6</i> Bicycle routes in Scottish Forests	To identify forest roads and tracks which may be suitable for development as Bicycle Routes or Trails	1984-5	Carried out by Scottish Railway Path and Cycle Route Project
Tentative New Proposals			
<i>FC7</i> Time Spent by Visitors on Activities in the Forest	To survey time forest visitors spend on different activities in the forest to help improve the design of forest car parks picnic places and associated recreation facilities		
<i>FC8</i> Use of Computer Techniques in Forest Design	To assess the applicability of computer techniques to forest design		In-house with advice from specialist consultants
<i>FC9</i> Forest Interpretation by Artists	To interpret the forest to the public from an artist's point of view	1984-86	

RESEARCH PUBLICATIONS 1983/84

Recreation Facilities Branch issued no publications in this period. Details of all Forestry Commission research published in 1983/84 will be contained in Forestry Commission Report on Forest Research 1984 HMSO London.

* Detailed information on all woodland and arboricultural projects is available from the Principal Research Communications Officer at FC Research Station, Alice Holt, Farnham. Arboriculture research notes are issued as part of the DOE's Arboricultural Advisory and Information Service.

Contact for enquiries: Duncan Campbell, Principal Forest Officer, Forestry Commission, 231 Corstorphine Road, Edinburgh EH12 7AT (031-334 0303)

MINISTRY OF AGRICULTURE FISHERIES & FOOD

RESEARCH PROGRAMME 1984/85

PROJECT TITLE	SUMMARY OF OBJECTIVES	TIMESCALE	COMMENTS
Current Research			
<i>MAFF1</i> Peri-urban agriculture and a resource planning problem in Yorks/Lancs area	To identify the problems of peri-urban agriculture and their causes	1984	
<i>MAFF2</i> Operation Groundwork Project — Agricultural Survey	To assess the nature and extent of urban fringe problems in the Groundwork area and encourage conservation and landscape improvements and optimum use of farmland	1984	Operation Groundwork sponsored by CC Full-time MAFF advisor reporting to Farming Advisory Group of Groundwork Trust
<i>MAFF3</i> Horse using agricultural land	To ascertain the number of horses using agricultural land in SE Region in order to assess damage to agriculture and conservation and to provide the basis for an assessment of the growth of this type of land use	1984	
<i>MAFF4</i> Historic farm buildings study	To increase the awareness of ADAS advisers and the farming community regarding historic farm buildings and methods of safeguarding their future	1986	
<i>MAFF5</i> Appearance and aesthetics of the built rural environment	To evaluate the effect of the function siting colour and texture of cladding and seasonal changes in the appearance of farm buildings	1984	
<i>MAFF6</i> Redundant farm buildings in England and Wales	To define nature and scope of present and future problems and opportunities regarding farm buildings that become redundant in agricultural terms	1984	
<i>MAFF7</i> The costs to farmers of meeting planning conditions on farm buildings in National Parks	To evaluate the additional costs to farmers resulting from planning conditions on agricultural buildings in National Parks in Wales	1984	
<i>CC3</i> New agricultural landscapes project	(see CC programme for details)	1983-85	Co-sponsored with CC
<i>MAFF8</i> Use of colour infra-red aerial photography in MAFF Hills & Uplands Classification	To assess the usefulness of colour IR aerial photography of Dartmoor NP in assigning categories of land to MAFF Hill & Upland Classification	1984	
<i>MAFF9</i> Evaluation of simulated spot satellite data for monitoring land use change	To evaluate type and usefulness of data becoming available from SPOT in terms of spatial resolution and spectral characteristics and to evaluate the application of this data for land use monitoring purposes	1984	
<i>MAFF10</i> Conservation Checklist	To develop a conservation checklist to enable ADAS officers to identify semi-natural habitats on farms with possible conservation value	1984	

<i>MAFF11</i>	Development of Conservation Atlas and Manual	To check the methodology required to compile a Conservation Atlas and Manual	1984	
<i>CC 2</i>	Demonstration Farms Programme Phase III	(See CC programme for details)	On-going	
<i>MAFF12</i>	Potential integration of farming and forestry in a difficult area of SW England		Co-sponsored with FC CC NERC and EEC	
<i>MAFF13</i>	Conservation and wildlife investigations	To provide information on which to base wildlife and landscape conservation advice in farm management	1984	Carried out at Crewe Farm and Eastwood Farm NAC Stoneleigh and Checkley Brook Cheshire
<i>MAFF14</i>	Interpretation of existing legislation on the management of hedgerows and its effects on conservation interests	To consider how SI 1473 is being interpreted in Cumbria with regard to hedges and how it could be better interpreted	1985	
<i>MAFF15</i>	Hedge maintenance and wildlife conservation	To investigate methods of hedge trimming and maintenance to consider their effects on wildlife	1985	
<i>MAFF16</i>	Hedge establishment in upland areas	To study the effects on growth shelter and amenity of 4 different treatments in establishing a quick-thorn hedge in an exposed upland area	1985	
<i>MAFF17</i>	Hedgerow treatment and conservation project on a Wiltshire estate	To research and monitor different types of treatment on overgrown hedges and examine growth and response of different species of newly planted trees in varying ground conditions	1986	
<i>MAFF18</i>	Hedgerow management and layering trial	To monitor different systems of layering derelict and gappy hedges to assess improvement in stock-proofing and wildlife habitat	1995	
<i>MAFF19</i>	Hedge management shaping trial	To monitor the various methods of mechanically trimming hedges to different shapes together with the effects on wildlife	1995	
<i>MAFF20</i>	Hedge and bank maintenance	To examine various methods and materials for repairing banks on Exmoor	1987	
<i>MAFF21</i>	Tree guard trial	To monitor different systems of protecting specimen/individual trees and demonstrate the different types of tree guard on the Demonstration Farm	1992	
<i>MAFF22</i>	Tree protection techniques	To assess the advantages/disadvantages of using plastic tree guards on a large scale	1987	
<i>MAFF23</i>	Drainage improvement and wetland conservation	To determine if the integrity of a small wetland community can be maintained in close proximity to agricultural land subject to drainage and other improvements	1987	
<i>MAFF24</i>	Effect of arable water regime on an SSSI	To monitor the future water regime of a recently drained site which attempts to improve agricultural productivity whilst preserving an SSSI	1984	

<i>MAFF25</i> Observational study — biological control of aquatic weeds in lakes and reservoirs using grass carp	To continue observation of investigation reservoirs and to extend observation of weed control by carp	1985
<i>MAFF26</i> Fencing and conservation	To investigate suitable types of fencing including mains electric which will meet agricultural needs and integrate with conservation	1985
<i>MAFF27</i> National census of small mammals in hedgerows	To provide a standard methodology for studying small mammals in hedgerows and to provide baseline data on species and abundance for evaluation and advisory work	1988
<i>MAFF28</i> Wildlife conservation benefits of changes in agricultural practices at High Mowthorpe EHF	To evaluate benefits to wildlife of changed management practices and to identify additional practices which would benefit wildlife	1991
<i>MAFF29</i> Rotavation of roadside verges on the Yorkshire Wolds	To establish the advantages and disadvantages to wildlife of rotavating roadside verges adjacent to hedges	1984
<i>MAFF30</i> Changes in the Hill/Upland boundary in the SW Moorlands of the Peak District National Park 1945/80	To identify the extent of unimproved (Hill) land using the MAFF Hills & Uplands Classification system and to assess the ease with which this land could be improved or maintained	1984

Tentative New Proposal

<i>MAFF31</i> Design principles for future farmed landscapes	To project and evaluate consequences of agricultural activity on future farmed landscapes and to investigate the possibility of developing design principles as an aid to providing functional visually satisfying landscapes
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RESEARCH PUBLICATIONS 1983/84

- MAFF (P) 1 MAFF (1983) Central R & D Records Unit *National List of Approved Investigations*
- MAFF (P) 2 MAFF (1983) *Land Use Conservation & Land Economics* — R & D Reports 1981/82 MAFF Booklet 239 (81/82)
- MAFF (P) 3 J M Hall (1982) *West Sedgemoor: The Interpretation of Colour Infra-red Aerial Photography* MAFF/LAWS R & D Report RD/RP/02
- MAFF (P) 4 I P Jones A E Tarrant M G Wooding (1984) *The Evaluation of the SPOT Satellite Simulation Data for the UK test site in Derbyshire* (MAFF)
- MAFF (P) 5 M J Silverwood A White *Farming in the Urban Fringe* — Town and Country Planning Association Journal April 1983
- MAFF (P) 6 M J Silverwood A White *Farming in the urban Fringe (2)* — Town and Country Planning Association Journal May 1983
- MAFF (P) 7 R Bond (1984) *Reaping the penalties of the urban fringe* Surveyor 5 March 1984

Contact for enquiries: Lindsay Cornish, Senior Research Officer, Ministry of Agriculture Fisheries and Food, ADAS, Burghill Road, Westbury-on-Trym, Bristol BS10 6NJ (0272-500000 Ext 4353)

NATURAL ENVIRONMENT RESEARCH COUNCIL

RESEARCH PROGRAMME 1984/85

The projects listed are all current in 1984/85. NERC research on topics relevant to recreation and amenity interests is carried out mainly by the Institute of Terrestrial Ecology (ITE), with a smaller programme of work at the Freshwater Biological Association (FBA). Some of this research is commissioned; the source of any outside funding is indicated, as is the location of projects within ITE.

NERC also supports work at universities, polytechnics and other organisations, through the award of research grants and studentships. Relevant awards are listed.

PROJECT TITLE	SUMMARY OF OBJECTIVES	TIMESCALE	COMMENTS
Current Research			
<i>1. Freshwater Biological Association (FBA)</i>			
<i>NERC1</i> Distribution, Taxonomy and General Biology of Aquatic Plants	To study the general biology distribution and variation in aquatic plants with a view to modelling growth and devising methods of control	Continuing	
<i>NERC2</i> Factors Limiting Photosynthesis of Rooted Macrophytes	To study photosynthesis and growth characteristics of plants growing in Esthwaite		
<i>NERC3</i> Factors Controlling the Growth of Water Plants	A number of experimental studies of the growth and management of aquatic plants		Liaison with Southampton University and Hydraulics Research Station
<i>NERC4</i> Natural History of Freshwater Invertebrates	To study the taxonomy and ecology of freshwater invertebrates and their role as food for fish and indicators of water quality	Continuing	
<i>NERC5</i> Ecology of Coarse Fish in Rivers	To study ecology of principle species (eg dace roach pike chub) to determine factors controlling abundance and inter-relations	Continuing	Partly funded by MAFF
<i>NERC6</i> Long Term Population Dynamics of Salmon, Trout and other Fish in Chalk Streams	To study the population dynamics of salmon parr and trout and their relationship with eels	Continuing	Partly funded by MAFF
<i>NERC7</i> Changes in the Fish Populations of the Upper Tees	To describe the changes in fish populations after the building of Cow Green Reservoir and development of trout fisheries		Descriptive phase largely complete some observations on trout continuing
<i>NERC8</i> The Long-Term Effects of Experimental and Natural Factors on the Population Dynamics of Fish in Windermere	To determine factors and mechanisms controlling recruitment growth and mortality of perch pike charr and trout and their inter-relations	Continuing	
<i>NERC9</i> The Effects of Flow Regime on the Young Stages of Salmonid Fishes	To study experimentally the survival of eggs and embryos in relation to oxygen supply and other factors		Partly funded by DOE WRC NWA & MAFF
<i>2. Institute of Terrestrial Ecology (ITE)</i>			
<i>Monks Wood Experimental Station, Abbots Ripton, Huntingdon</i>			
<i>NERC10</i> Assessing Butterfly Abundance	To provide a simple method of monitoring the abundance of butterflies in nature reserves	Until March 1984	NCC contract
<i>NERC11</i> Roadside Studies	To determine the long term effects of various management practices on the vegetation of roadside verges	Until March 1984	

<i>NERC12</i>	Modelling Sports Turf Wear	To define the essential plant variables of a sports turf system. This will involve establishing the relationship between plant variables such as percentage cover filler density shoot biomass shoot productivity and root biomass and thereby determine the information required to understand the results of sports turf trials	Until December 1984	
<i>NERC13</i>	Restoration of Heathland	To investigate methods for restoring heathland vegetation on abandoned agricultural land	Until August 1984	
<i>Merlewood Research Station, Grange-over-Sands</i>				
<i>NERC14</i>	Long Term Studies of Vegetation Change at Moor House NNR	To monitor long term experiments at Moor House NNR investigating the effects of sheep grazing and burning of upland vegetation	Until 1992	
<i>NERC15</i>	Monitoring at Stonechest	To estimate the rate and direction of changes in the ecosystem resulting from drainage game management and woodland management	Until 1991	
<i>NERC16</i>	Management Effect in Lowland Coppices	To review existing published and unpublished information on the effects of management and to survey vegetation associated with existing examples of differently managed coppices (or former coppices)	Until 1984	
<i>Banchory Research Station, Kincardineshire</i>				
<i>NERC17</i>	Management of Grouse and Moorlands	To follow up an experiment to increase grouse numbers in West Scotland by changes in land management and to continue to give advice on grouse management moorland management and land use	Until April 1987	
<i>NERC18</i>	Habitat Requirements of Black Grouse	To assess habitats and food of black grouse broods in summer and flocks in winter	Until 1986	World Pheasant Association contract
<i>Bangor Research Station, Gwynedd</i>				
<i>NERC19</i>	Revegetation after Disturbance	To assess the ecological consequences of decontamination procedures on Gruinard Island as a contribution to vegetation management following severe disturbance	Until 1989	Countryside Commission contract
<i>NERC20</i>	Age Class of Amenity Trees	To investigate size/age relationships in selected amenity tree species as a means of estimating age class distribution of amenity tree populations and life expectancy of trees in a wide range of amenity situations	Until March 1984	
<i>NERC21</i>	Terrestrial Environment Information System (TEIS)	The information is being developed in consultation with users of terrestrial environment information in ITE and in other NERC institutes and with ecologists in government departments, local government NCC FC National Parks WA's universities and industry and by analysis of ITE requests for information and advice	Until 1985	

NERC22	Scrub Succession at Aston Rowant	To assess the effects of a single treatment of rotovation and burning of continuous grazing and of no treatment on the colonisation of chalk grassland by woody plants	Until 1987	
NERC23	Scrub Management at Castor Hanglands	To create structural and floristic diversity by means of different age classes of shrubs and trees and to maintain the diversity of serial shrub communities and the associated faunas with special reference to birds and insects	Until December 1984	
NERC24	Hartland Moor NNR Survey		Until December 1984	
NERC25	Restoration of Heathland	To monitor the vegetational faunal and chemical changes in heathland restored on disused ball clay workings	Until September 1988	contract
3. Research Supported at Universities				
NERC26	Effects of Grass Carp on Aquatic Ecosystems	To analyse the effects on a shallow, slow flowing channel ecosystem of introducing high stocking densities of grass carp especially the influence on weed species and also on indigenous fish	February 1982 — February 1985	Dr J W Eaton Department of Botany University of Liverpool
NERC27	Population Genetics and Ecology of the Brown Trout in Lake Systems	To investigate natural and hatchery stocks and their genetic ecological and reproductive differences	October 1981 — October 1984	Dr A Ferguson Department of Zoology Queens University Belfast
NERC28	Changes in Grassland: Braunton Burrows	To describe and explain changes in dry dune grasslands	June 1981 — June 1984	Dr J F Hope-Simpson Department of Botany University of Bristol
NERC29	The Improvement of Hardwoods (especially Oak) for the British Lowlands	To develop methods of raising large numbers of trees for planting in small woods	July 1981 — July 1984	P J Wood Department of Agriculture and Forestry University of Oxford
Research Studentships*				
NERC30	Terrain Analysis and Representation with Particular Reference to Recreational Topographic Maps		1982-85	M R Cope Department of Geography University of Glasgow (J S Keates) CASE award with Ordnance Survey
NERC31	Population Dynamics of <i>Spartina</i> and Predictions for the Dee Estuary		1981-84	M J Hill Department of Botany University of Liverpool (Dr T M McNeilly) CASE award with NCC
NERC32	Boat Traffic as a Factor in the Ecology of Freshwater Plants		1982-85	J A Leadbeater Department of Botany University of Liverpool (Dr J Eaton)
NERC33	Morphological and Ecological Consequences of River Channelisation		1981-84	A Brookes Department of Geography University of Southampton (Prof K J Gregory) CASE award with FBA
NERC34	Observations of the Activity of Pike in Aberdeenshire Lochs and Rivers		1983-86	J D Armstrong Department of Zoology University of Aberdeen (Dr I G Priede)

*Names of supervisors given in brackets

RESEARCH PUBLICATIONS 1982/83

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Institute of Terrestrial Ecology

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- Bayfield N G (1982) Rehabilitation of disturbed mountain vegetation. In: *Heathland Restoration and Reconstruction*, edited by E Duffey, 41-49 (RERG report No 7). Wye: Recreation Ecology Research Group
- Boorman K L, Fuller R M & Boar R R (1982) Recent changes in the distribution of reedswamp in Broadland. Final report (CST report No 335). Banbury: Nature Conservancy Council
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- Bunce R G H (1982) Trees and their habitats, an ecological guide to some European trees grown at Westonbirt Arboretum. Tetbury: Forestry Commission
- (Curry-Lindahl K) Watson A & (Watson R D) (1982) The future of the Cairngorms. Aberdeen: North East Mountain Trust
- Davis B N K ed (1982) Ecology of quarries: the importance of natural vegetation. (ITE symposium No 11). Cambridge: Institute of Terrestrial Ecology
- Duffey E ed (1982) Habitat restoration and reconstruction. (RERG report No 7). Wye: Recreation Ecology Research Group
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- Hall M L (1982) The Porton Down butterfly survey. *Sanctuary* No 10, 29-30
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 (0793-40101 Ext 486)

NATURE CONSERVANCY COUNCIL

RESEARCH PROGRAMME 1984/85

* The projects listed represent a selection from the Council's research work

PROJECT TITLE	SUMMARY OF OBJECTIVES	TIMESCALE	COMMENTS
Current Research			
<i>I. Survey</i>			
<i>NCCI</i> Otter Survey of England	To re-assess the status and distribution of the Otter in England	1984-6	Carried out by the University of Exeter
<i>NCC2</i> Survey of the Smooth Snake	To assess the status and distribution of the Smooth Snake	1984-7	Carried out by the University of Southampton
<i>NCC3</i> Status and Ecology of the Warty Newt	To assess the status and distribution of the Warty Newt and to define the species' habitat requirements	1983-6	Carried out by Leicester Polytechnic
<i>NCC4</i> Status review of Goosander and Merganser	To assess the population size distribution and breeding success in Scotland	1984	Carried out by the University of Durham
<i>NCC5</i> Survey of upland breeding birds in connection with afforestation	To identify breeding sites and to examine the relationship between habitats and bird distribution and abundance	1979-85	In-house
<i>NCC6</i> Breeding success of rare birds in Britain	To provide information on the breeding success of rare birds	Renewed annually	Carried out by Rare Breeding Birds Panel
<i>NCC7</i> Distribution of seabirds at sea	To determine the distribution and abundance of seabirds in the North Sea throughout the year	1983-6	In-house Supported by Esso, British Petroleum, Shell and the Departments of Energy and Transport
<i>NCC8</i> Invertebrate Site Register	To collect information on the distribution of rare invertebrate species for site selection, evaluation and defence	1980-7	In-house
<i>NCC9</i> Entomological surveys by specialists	To survey NNRs, SSSIs and sites of potential conservation importance for their invertebrate fauna	Renewed annually	In-house
<i>NCC10</i> Invertebrate survey and classification of rivers for conservation	To survey rivers in England and Wales for the selection of SSSI	1983-6	In-house
<i>NCC11</i> Rare vascular plant survey	To bring together existing information on the past and present distribution and abundance of rare species in Eastern England	1982-7	Carried out by the University of Cambridge
<i>NCC12</i> Data compilation on cryptogams	To identify and evaluate sites of importance for cryptogamic plants in Great Britain	1984	Other organisations
<i>NCC13</i> Rare plant survey — South West England	To produce a detailed report on rare plants in South West England	1984	In-house
<i>NCC14</i> Upland vegetation survey	To make a descriptive survey and select SSSI and to standardise an upland survey methodology	1981-6	In-house
<i>NCC15</i> National woodland survey and assessment	To identify ancient semi-natural woodlands in Britain	1981-5	In-house

<i>NCC16</i>	Peatland conservation studies	To produce a descriptive classification for British ombrotrophic mires (bogs) to provide a system for SSSI selection	1982-5	In-house
<i>NCC17</i>	Consultancy work on rivers	To provide specialist advice on the conservation management of rivers	1984	In-house
<i>NCC18</i>	Survey of saltmarshes	To make a descriptive survey of saltmarshes in Great Britain	1984	In-house
<i>NCC19</i>	Synoptic survey of saline coastal lagoons — continuation	To determine the distribution and status of this threatened habitat and to assess the conservation importance of sites	1984	
<i>NCC20</i>	Survey of proposed marine nature reserves	To define marine nature reserve boundaries complete scientific descriptions and identify potentially damaging activities for management plans	1984	In-house
<i>NCC21</i>	Marine survey of Great Britain — continuation	To make descriptive surveys and select SSSI		
<i>II Monitoring</i>				
<i>NCC22</i>	Monitoring of the Peregrine Falcon in southern Scotland	To assess the status and distribution of the Peregrine Falcon in southern Scotland and Cumbria	1977-85	In-house
<i>NCC23</i>	Lead poisoning in Mute Swans	To co-ordinate the examination and monitor the impact of lead poisoning on swans	1983-5	Carried out by the Edward Grey Institute of Field Ornithology, University of Oxford
<i>NCC24</i>	Monitoring the licensing system for Barnacle Geese on Islay	To monitor the operation of the licensing system and management agreements on Islay and to pursue the use of decoys etc	1983-4	In-house
<i>NCC25</i>	Birds and pollution	To study residues of toxic chemicals and their effects on birds	1983-6	Carried out by NERC (Institute of Terrestrial Ecology)
<i>NCC26</i>	Surveillance of cliff nesting seabirds in Orkney	To monitor sample plots of breeding Kittiwakes Fulmars Guillemots and Razorbills on the mainland of Orkney	1980-5	In-house
<i>NCC27</i>	Skomer Island NNR seabirds study	To determine the survival and breeding success of seabirds nesting on Skomer	1984-9	Carried out by the Edward Grey Institute of Field Ornithology University of Oxford
<i>NCC28</i>	Services in wildfowl research	To study the population distribution and migration of wildfowl	1971-90	Carried out by the Wildfowl Trust
<i>NCC29</i>	Services in ornithology	Survey monitoring the provision of a national bird ringing scheme analysis of data sets and the preparation of special reports	1970-90	Carried out by the British Trust for Ornithology
<i>NCC30</i>	Butterfly monitoring	To assess the status and distribution of different species of butterfly	1981-6	Carried out by NERC (Institute of Terrestrial Ecology)
<i>NCC31</i>	Rare plant species records	To check and computerise records of Red Data Book species held at the Biological Records Centre	1984	In-house
<i>NCC32</i>	Biological effects of land use change in lowland Scotland	To investigate the biological effects of land use change on wildlife habitats	1983-5	In-house

<i>NCC33</i>	National countryside monitoring scheme	To quantify habitat change for public dissemination for comparison with SSSI protection under the Wildlife and Countryside Act and to provide a framework for future monitoring	1983-6	In-house
<i>NCC34</i>	Habitat loss	To publish a detailed description on the changes in habitat and species distribution and abundance to act as a source of material for others and a critical review of the information to hand	1984	In-house
<i>NCC35</i>	Biological Records Centre	To collect detailed records on the occurrence of plants and animals covered by recording schemes throughout the British Isles	1982-5	Carried out by NERC (Institute of Terrestrial Ecology)
<i>NCC36</i>	Event records system	To establish a computer data base on reserve administration management and research	1980-4	In-house
<i>NCC37</i>	Establishment of a site related data base	To provide an operational data base on site location size and habitats and on site case work loss and damage	1982-5	In-house
<i>NCC38</i>	Frost monitoring reports	To provide frost monitoring reports in connection with wildfowling bans	Renewed annually	Carried out by the Meteorological Office
<i>III Management Ecology</i>				
<i>NCC39</i>	Population ecology of Bats	To study the autecology of species important to nature conservation and to provide specialist advice	1984	Carried out by NERC (Institute of Terrestrial Ecology)
<i>NCC40</i>	Otters and eel fyke nets	To assess the impact on catch efficiency of otter excluders on fyke nets and to propose design modifications	1984-5	Sponsored largely by Vincent Wildlife Trust and the World Wildlife Fund
<i>NCC41</i>	Autecology of the Heath Fritillary	To develop a strategy for conservation management	1982-5	In-house
<i>NCC42</i>	Creating attractive grasslands	To assess attempts at growing wild plants from seed and to test techniques for developing attractive grasslands	1984-7	Carried out by NERC (Institute of Terrestrial Ecology)
<i>NCC43</i>	Rare vascular plant conservation	To support the Cambridge Botanic Garden in propagating rare species for use by research workers and for growing in the conservation area	1982-7	Carried out by the University of Cambridge
<i>NCC44</i>	Impacts of grazing on upland vegetation	To provide information on grazing impacts by herbivores (hill sheep and Red Deer) for the Wildlife and Countryside Act site case work and management negotiations	1984	In-house?
<i>NCC45</i>	Impact of land drainage on wildlife	To study land use change following drainage schemes and to assess this impact on plants	1982-6	Carried out by NERC (Institute of Terrestrial Ecology)
<i>NCC46</i>	Loch Leven eutrophication problems	To construct a nitrogen and phosphorous nutrient budget with an aim to rehabilitate the fauna and flora within the loch	1984-5	Carried out by NERC (Institute of Terrestrial Ecology)
<i>NCC47</i>	Bosherton Lake	To develop a nitrogen and phosphorous nutrient budget to assess the effectiveness of a sewage diversion	1983-5	Carried out by the University of Swansea

<i>NCC48</i>	Land use change in the highlands	To survey the abundance distribution and performance of the Golden Eagle as related to land use changes in Scotland	1981-5	In-house
<i>NCC49</i>	Peak District National Park	To integrate rural development work in the Peak District	1982-7	Carried out by the Peak Park Planning Board
<i>IV Others</i>				
<i>NCC50</i>	Re-introduction of Sea Eagles	To re-introduce the White-tailed Sea Eagle to Scotland	1975-85	In-house
<i>NCC51</i>	British Red Data Book on Insects	To edit and prepare for publication the British Red Data Book on Insects	1984	In-house
<i>NCC52</i>	Studies under the Convention on International Trade in Endangered Species of Wild Fauna and Flora	Studies include preparation of identification manuals on Birdwing butterflies Parrots Black coral Blind cave fish and Flamingoes	1984	Probably to be carried out by the International Union for the Conservation of Nature and Natural Resources
<i>NCC53</i>	National vegetation classification	To provide a complete description and classification of British plant communities	1976-86	Carried out by the University of Lancaster
<i>NCC54c</i>	Advice on hydrology — Crymlyn Bog	To provide advice on the drainage of pollutants from Crymlyn Bog without affecting the hydrology of the site	1984-6	Carried out by the Institute of Hydrology

RESEARCH PUBLICATIONS 1983/84

NCC Research Reports Digest No 8, June 1984 (available from NCC, Information and Library Services, Calthorpe House, Calthorpe Street, Banbury, Oxfordshire OX16 8EX), lists recent technical reports of NCC commissioned research. The majority of reports are available only in microfiche format.

Contact for enquiries: Dr D A Ratcliffe, Chief Scientist, Nature Conservancy Council, P O Box 6, Godwin House, George Street, Huntingdon, Cambridgeshire PE18 6BU

THE SCOTTISH SPORTS COUNCIL

RESEARCH PROGRAMME 1984/85

PROJECT TITLE	SUMMARY OF OBJECTIVES	TIMESCALE	COMMENTS
Continuous Research			
SSC1 Planning Data Management Service (PDMS)	To update computerised information for analysis of a range of planning problems	Continuous	11,000 facility records Jointly sponsored with STB Carried out by Tourism and Recreation Research Unit University of Edinburgh
SSC2 Review of Council Grant Aid	Analysis of SSC capital and review grants by sport and local authority to guide policy reviews	Continuous	In-house
Recently Completed Research			
SSC3 Sport Physical Recreation and Young People	To assess school-leavers' level of participation and reactions to informatory booklet	Completed in 1983	Conducted in-house Analysis by PDMS Booklet "A question of Sport and Young People" revised published to be issued to 90,000 school-leavers in 1984
SSC4 Fitness Among School-Leavers	To test attitudes towards poster aimed at advising on fitness	Completed in 1983	Conducted in-house Scottish Health Education Group Department of Marketing Strathclyde University Poster revised published to be issued to 90,000 school-leavers in 1984
SSC5 Sports Sponsorship	To assess attitudes to and participation in sports sponsorship by leading Scottish companies	Completed in 1983	Conducted in-house Analysis by PDMS
SSC6 Management Information System for Sports Centres and Swimming Pools	To evolve a management information system based on computerised data collection	April 1983 — March 1986	Details in SSC Information Digest FM2 In association with SC Introduction delayed to Autumn 1984
SSC7 Swimming in the Borders	Before and after study of new pools to aid planning for pools	1983-5	Surveys conducted by System Three Scotland Preliminary results available Final results expected in 18 months
SSC8 Trends in Sports Participation in Scotland	Secondary analysis of GHS data for basic planning information	1983	Draft report from TRRU awaiting clearance from OPCS
SSC9 Scottish Leisure Survey Leisure Diary Analysis	Analysis of time-patterns to examine possibilities for off-peak marketing	Until August 1984	Preliminary report received from PDMS Further analysis to be conducted
SSC10 Assessment of Fitness Testing	To determine attitudes towards fitness among general public and to review methods and effects of various tests for fitness	1984-6	Combination of contracted work and in-house
Monitoring Projects			
SCCH Development of Sport in Areas of Special Need	Monitoring of an SSC comprehensive sports development programme in these areas to assess extent of increases in participation	1983-5	Designed by TRRU and managed in-house Preliminary results available

SSCI2	Monitoring studies on Council projects	To assess extent of project objectives being met	Various	Mainly in-house with analysis by PDMS
		1 Greenock Sports Centre		
		2 Kirkwood Sports Barn		
		3 Superturf pitch Inverclyde		
		4 Superturf pitch Mayfield Dundee		
		5 Walls Pool Shetland (heat conversion)		
		6 New sports hall floor Inverclyde		
		7 Supreme court Inverclyde		
		8 Gymastics centre Inverclyde		
		9 Golf centre Inverclyde		
		10 Ballerup pavilion (fitness training extension)		
		11 Wheel course (TRIM course for disabled)		

Tentative New Proposals

SSCI3	Marshalling and Collection of Social Economic Demographic and Sports Statistics	To inform policy and provide basis for national strategy	1984-5	Combination of in-house and contracted work
SSCI4	Sport Physical Recreation and Young People	To provide a data base for sports development policy in relation to this target group	1984-92	Longitudinal study Combination of contracted work and in-house

RESEARCH PUBLICATIONS 1982/83

- SSC (P) 1 The Scottish Sports Council (second edition 1983) *Charges for Planning Applications by Local Sports Clubs* (Information Digest FP4)
- SSC (P) 2 The Scottish Sports Council (third edition 1983) *Charges for Planning Applications by Local Sports Clubs* (Information Digest FP4)
- SSC (P) 3 The Scottish Sports Council (1983) *Synthetic Ice Surfaces* (Information Digest FP7)
- SSC (P) 4 The Scottish Sports Council (1983) *Target and Field Archery Centre: Beechraigs Country Park West Lothian* (Information Digest FP8)
- SSC (P) 5 The Scottish Sports Council (1983) *Synthetic Grass All-Weather Pitch: Inverclyde National Sports Training Centre* (Information Digest FD9)
- SSC (P) 6 The Scottish Sports Council ((1983) *Sand-Filled Synthetic Grass All-Weather Tennis Courts: Inverclyde National Sports Training Centre* (Information Digest FD10)
- SSC (P) 7 The Scottish Sports Council (1983) *Sports Facilities: Introduction of Management Information System* (Information Digest FM2)

Contact for enquiries: Lee Cousins, Facilities Planning, Scottish Sports Council, 1 St Colme Street, Edinburgh EH3 6AA
031-225 8411)

SCOTTISH TOURIST BOARD

RESEARCH PROGRAMME 1984/85

PROJECT TITLE	SUMMARY OF OBJECTIVES	TIMESCALE	COMMENTS
Annual Research			
<i>STB1</i> Accommodation Occupancy Survey	To determine occupancy rates in tourist accommodation	Continuous	Hotel survey runs Jan-Dec Self-catering and Caravan and Camping Site Surveys Apr-Oct Undertaken by Centre for Leisure Research
<i>STB2</i> Survey of Visitor Attractions in Scotland	To obtain information on the number of visitors to a range of attractions in Scotland	Annual	Retrospective postal survey of the previous year carried out in Jan-Feb In-house survey and analysis
<i>STB3</i> National Survey of Tourism in Scotland (NSTS)	To monitor tourist trips undertaken by British residents in Scotland	Continuous	Monthly survey of around 2,700 British adults Carried out by Survey Research Associates (SRA)
<i>BTA2</i> Secondary Analysis of International Passenger Survey (IPS)	(See BTA Programme for details)		
<i>BTA5</i> British National Travel Survey (BNTS)	(See BTA Programme for details)		
<i>STB4</i> Marketing Follow-up Study	To evaluate the effectiveness of STB promotional campaign	Annual	Various surveys of consumers and the travel trade Undertaken by Research Bureau Ltd (RBL) and Travel and Tourism Research (TATR)
<i>STB5</i> The Supply of Tourist Accommodation in Scotland	To update STB's data on the supply of tourist accommodation	Annual	Data obtained through STB's scheme for the registration of tourist accommodation Analysed by the Planning Data Management Service (PDMS)
Current Research			
<i>STB6</i> Loch Lomond Study	To identify development opportunities in the Loch Lomond Area	Summer 1984	Phase I of the study identified various development sites The next phase of the study is intended to realise the most appropriate development and developers for these sites
<i>STB7</i> Golf Museum Study	To determine the feasibility of a golf museum at St Andrew's	Dec 1983 — Summer 1984	Work is currently underway in conjunction with North East Fife District Council
<i>STB8</i> Area Tourist Board Advertising Study	To evaluate the effectiveness of the various promotional media used by Area Tourist Boards (ATBs)	Apr-Nov 1984	Surveys of respondents to advertising Undertaken by Harris Research Centre
Tentative New Proposals			
<i>STB9</i> The Design and Content of Promotional Brochures	To provide STB with guidance as to consumers' preferences	Summer 1984	Qualitative research techniques
<i>STB10</i> Feasibility Studies	To determine the development potential of particular projects	1984/85	Undertaken in co-operation with other agencies and organisations

RESEARCH PUBLICATIONS 1983/84

- STB ((P) 1* Research and Planning Information Handbook (Loose-leaf binder containing factsheets and research summaries up-dated on a quarterly basis)
50% discount for educational establishments

Contact for enquiries: Tom Costley, Scottish Tourist Board, 23 Ravelston Terrace, Edinburgh EH4 3EU (031-332 2433)

THE SPORTS COUNCIL

RESEARCH PROGRAMME 1984/85

PROJECT TITLE	SUMMARY OF OBJECTIVES		TIMESCALE	COMMENTS
Research in Progress				
Sports Council Programme (Selected)				
SC1	Predator/Prey Research	To monitor aquatic anti-predator measures with special reference to the Zander species	1981-4	Jointly sponsored with WSAC Anglian Water Authority & others Reports expected 1984
SC2	Sports Pricing & Consumer Behaviour	To monitor the relationship between price changes at swimming pools and user attitudes and behaviour in Wirral	1982-4	In-house through SC NW Region Support Unit in association with LGORU First report published by SC/LGORU 1984
SC3	Sports Centre Management Information System (MIS) Feasibility Study	To develop instal and monitor the effectiveness of computerised management information systems in large sports centres	1983-6	In association with Scottish Sports Council & Rushcliffe District Council Nottingham Second system computers introduced into standardised SASH Sports halls
SC4	Sport & Recreation for the Unemployed (Monitoring & Evaluation)	To monitor three Sports Council demonstration programmes in Leicester Birmingham and Derwentside (Consett)	1981-4	Carried out by Dr S Glyptis, University of Loughborough and David Donkin (Derwentside Recreation Scheme) Report due mid 1984
CC13	Access to the Countryside for Recreation and Sport	To assess the nature, availability and adequacy of access provision in relation to user needs and attitudes	1983-5	Jointly sponsored with CC Review followed by 4 case studies in England & Wales CLR Edinburgh
SC5	"Action Sport" (Monitoring & Evaluation)	To monitor two major Sports Council inner city sports leadership programmes in London & the West Midlands	1983-6	Carried out by Policy Studies Institute Interim Report to SC
SC6	Implications of Cable TV for Sport	To assess the implications of the growth of Cable TV for sports sponsorship, the role of governing bodies and the work of the Sports Council	1983-4	Carried out by E Jones Interim Report to SC & CCPR
SC7	Impact of 'Sport for All' Policies	To evaluate the impact of 'Sport for All' policies in Europe	1983-4	Carried out by Prof P McIntosh of West London Institute of Higher Education
SC8	Land-Based Motor Sports	To study problems of off-road motor sports in two Sports Council regions	1984-5	Carried out by Dr M Elson Dept of Town Planning Oxford Polytechnic Case studies in Hants & Lancs
SC9	Participation:	Monitor demonstration schemes to increase sports participation a) Health & Fitness Liverpool Health Authority b) Working Mens Clubs Cleveland c) Womens Institutes Eastern Region d) Women's Motivator Norwich e) Comsport (Action Sport Northampton suburbs & nearby villages f) School leavers Coventry	1984-7	Monitoring by: Mike Fitzjohn Malcolm Tungatt North West Office
SC10	UK Sports Research 1983/4	Fourth register of Sports Research for Council of Europe	1984-5	Compiled by P Grimshaw

SSC11	Standards for Constructing & Maintaining Sports Turf	To derive a specification for constructing pitches base drainage and surface	1984-8	Sports Turf Research Institute Bingley
SC12	Monitoring Prototypes	To establish prototypes in different microclimates of selected moves of construction	1984-7	Sports Turf Research Institute Bingley
CCI4	National Survey of Countryside Recreation	To analyse sports participation in the countryside including analysis by ACORN residential types	1984	Co-sponsored with Countryside Commission

Sports Council/Economic and Social Research Council Joint Panel on Leisure & Recreation

SC14	Analysis of People's Concepts of Leisure	To elucidate individuals' conceptualisation of leisure and its meaning in their lives	1980-3	Carried out by Dr J Stockdale Dept of Psychology London School of Economics Report due 1984
SC15	Rationale for Public Sector Investment in Leisure	To study the development of public policy and institutions in leisure/recreation and implications for the future	1981-3	Carried out by TRRU, University of Edinburgh Report due 1984
SC16	Leisure and the Unemployed	To study the lifestyles and leisure behaviour of unemployed people	1981-3	Carried out by Dr P Kelvin, Dept of Psychology University College London Report due 1984
SC17	Perspectives on Leisure Around Retirement	To study changing patterns of leisure activity by a sample of people before and after retirement	1980-3	Carried out by TRRU University of Edinburgh Report due 1984
SC18	Leisure and the Home	To investigate the nature and extent of home-based leisure and the way in which environment house design and family/household composition affect leisure behaviour	1983-5	Carried out by Dr S Glyptis Dept of PE and Sports Science University of Loughborough Complex sample survey of different house and household types in Islington and Nottingham
SC19	Leisure and Gender	To investigate the social and psychological constraints on adult women's leisure life-styles and how these are sustained	1983-5	Carried out by Ms E Green and Dr D Woodward Dept of Applied Social Studies Sheffield City Polytechnic Interview survey plus ethonographic work
SC20	The Role of the Voluntary Sector in Leisure Phase II	To investigate the internal dynamics and external relationships of voluntary leisure groups	1983-4	Carried out by J Bishop and P Hoggett School for Advanced Urban Studies University of Bristol Continuation of earlier work

New Projects (Selected)

SC21	Sports Turf Advice Service	To provide a general advice information and education service	1984-7	Sports Turf Research Institute
SC22	General Household Survey 1983	Analysis of the 1983 Survey including ACORN residential types	1984-5	Jointly with other agencies

RESEARCH PUBLICATIONS 1983/84

- SC (P) 1 S Glyptis & T Kay (1983) *Sport and Unemployment* Research Working Paper 2 The Council London
- SC (P) 2 M Dower & M Collins (1983) *Leisure Policy for the Future* The Council for the Chairman's Policy Group London
- SC (P) 3 A Telling (forthcoming) *Public Rights of Navigation* The Council London
- SC (P) 4 Rubber & Plastics Research Assoc (1984) *Specification for Artificial Surfaces*
- SC (P) 5 Centre for Leisure Research (1984) *Access Study Issues for Consultation* The Council and the Countryside Commission

Contact for enquiries: Mike Collins, Principal Officer (Research & Planning), The Sports Council, 16 Upper Woburn Place, London WC1H 0QP (01-388 1277 Ext. 253)

WALES TOURIST BOARD

RESEARCH PROGRAMME 1984/85

PROJECT TITLE	SUMMARY OF OBJECTIVES	TIMESCALE	COMMENTS
Annual/Continuous Research			
<i>ETB1</i> British Home Tourism Survey (BHTS)	(See ETB programme for details)	Continuous since 1971	
<i>BTA5</i> British National Travel Survey (BNTS)	(See BTA programme for details)	Continuous since 1960	
<i>BTA3</i> Secondary analysis of International Passenger Survey (IPS)	(See BTA programme for details)	Continuous since 1962	
<i>WTB1</i> Welsh Hotel Occupancy Survey	To provide trend data on hotel usage throughout Wales	Monthly since 1972	In-house survey of 200 establishments at peak times
<i>WTB2</i> Survey of Attendance at Visitor Attractions in Wales	To monitor numbers of main attractions in Wales	Annual	Postal survey throughout Wales
Current Research			
<i>WTB3</i> Tourism in Llanberis	To provide information on tourism development as a basis for an integrated strategy	1984	Undertaken by LUC for WTB and WDA
<i>WTB4</i> Cadair Mountain Study Mei Honnydd Mountain	To assess demand for a centre in Snowdonia National Park	1983-4	Undertaken by Steer Davies and Gleave for WTB and Mid-Wales Development
<i>WTB5</i> Devil's Bridge Study	To consider demand for an interpretive centre for tourists	1983-4	Joint project with Mid-Wales Development and Ceredigion District Council
<i>WTB6</i> EEC Study of Integrated Rural Development	To develop strategies for an integrated policy for improving disadvantaged rural areas	1981-4	Sponsored jointly by EEC and Welsh Government Bodies
<i>WTB7</i> Joint Study of Tourism Facility Priorities in Dyfed	To review attraction facilities and develop priorities for new public/private partnership developments	1984	Undertaken by Llewelyn Davies Weeks and David McEwen Sponsored by Dyfed CC WDA Mid-Wales Development and WTB
Tentative New Proposals			
<i>WTB8</i> Mid-Wales Development	To study future tourist development To identify growth areas and encourage public/private financial interest	1984	Studies in Bala Severn Valley and Barmouth areas
<i>WTB9</i> TIC Study	To update 1976 TIC Study and extend its data base	1984	

RESEARCH PUBLICATIONS

- WTB (P) 1 Wales Tourist Board (1984) *Self-catering Accommodation in Wales*
- WTB (P) 2 Wales Tourist Board (1984) *Self-catering Accommodation in Wales. A Summary*
- WTB (P) 3 Wales Tourist Board (1984) *Hotel Occupancy in Wales, January-December 1983*
- WTB (P) 4 Wales Tourist Board (1983) *Survey of Visitors to the Big Pit Mining Museum, Blaenafon*
- WTB (P) 5 Wales Tourist Board (1983) *Survey of Visitors to Dylan Thomas' Boathouse, Laugharne*

Contact for enquiries: Elwyn Owen, Research Services Manager, Wales Tourist Board, Brunel House, 2 Fitzalan Road, Cardiff CF2 1UY (0222 499909)

KEYWORD INDEX TO RESEARCH PROJECTS

* Each research project has been allocated a code in the form of the agency acronym followed by a numeral, with the exception of those submitted by the ADC, AMA and COSLA. Further details of any project can be obtained by referring to the relevant programme as indicated by the acronym. Jointly sponsored projects are referenced according to the agency programme in which full information is recorded.

ACCESS TO THE COUNTRYSIDE

ASSIBILITY/POERSONAL MOBILITY/TRANSPORT ACTION RESEARCH/EXPERIMENTS

AGRICULTURE

Environmental Impact/and Conservation

And Recreation

Urban Fringe

CONSERVATION

Historic Buildings

Landscape

Nature

COUNTRYSIDE MANAGEMENT

COUNTRYSIDE RECREATION

DEMAND (RECREATION/TOURISM)

Forecasting/Feasibility Studies/Modelling

Market Analysis/Market Surveys

Recreation Participation Trends

Socio-Economic Context

DESIGN

Artifacts

Buildings

Forests

Landscape

ECOLOGICAL/ENVIRONMENTAL IMPACT OF RECREATION

Habitats

Natural Resources

ECONOMICS OF LEISURE AND RECREATION/ECONOMIC IMPACT OF RECREATION AND TOURISM

IMPACT OF RECREATION AND TOURISM

Cost-Benefit Analysis/Economic Benefits

Expenditure

Multiplier/Impact Studies

EDUCATION/TRAINING

Environmental Education

Role of Schools

Staff Training

Ches1, Ches2, Derb4, Derb5, Dor1, Dor3, Glos1, Glos2, Hamp2, Hamp4, Lan1, NY1, Not2, Oxl, Sh1, Sh2, Suf4, Suf5, Will, MG3, SG1, SG2, SG3, SG4, WG4, BWB7, CCI3, CCS7, DOE15

Bedsl, Dor1, Dor3, SG3, SG4, WG4, CC9, CC27, DOE2, SSC7, Lan1, CCI, CC7, CC9, CC22, DOE6, DOE16, ETB8, NERC3, NERC17, NCC42, SC4, SC5

MG4, SG2, SG4, ETB7, MAFF1

Dev1, Dor1, Dor2, Dor3, Glos2, Hamp3, Lan1, Suf1, Suf2, MG2, CCI, CC2, CC22, CCS10, DOE21, MAFF13, MAFF28, NERC10, NCC32, NCC34, NCC44, NCC45

Dor1, Dor3, Glos2, Lan1, SG1, CCS16, DOE15, MAFF3, NERC32, NERC17

Dor3, Lan1, CCS9, CCS16

MAFF4

Cam3, Dor1, Dor3, Glos2, Hamp3, Humb2, Humb4, Lan1, MG2, MG4, SG1, SG2, SG4, CCI, CC2, CC5, CC11, CC12, CCS1, CCS10, CCS12, CCS13, CCS16

Dor1, Dor3, Glos2, Hamp3, Humb1, Humb4, Lan1, MG2, MG4, MG5, SG1, SG4, CCS10, MAFF10, MAFF11, MAFF14, MAFF15, MAFF16, MAFF17, MAFF18, MAFF19, MAFF20, MAFF23, MAFF24, NCC1-54

Dev1, Dev2, Dev3, Dor1, Dor3, Glos1, Glos2, Hamp3, Hert1, Humb1, Humb2, Humb3, Humb4, Lan1, MG1, MG2, MG4, SG1, SG2, SG4, WG2, CCI3

Clev2, Dor1, Glos2, Glos3, K1, K2, Lan1, Nor1, Not1, Som1, Som4, Will, Gwel, MG3, MG4, MG5, SG1, SG2, SG4, DOE15

Bedsl, Durl, Hampl, Not1, Not2, BWB7, SSC1

SG4, SSC1, SSC7, SSC8, SC3

Cumb4, Glos3, Humb3, NY3, BTA1, BTA2, BTA3, BTA4, BTA5, BTA6, BTA8, BTA9, CCI4, CC28, CCS2, CCS4, CCS17, DOE20, FC7, SSC1, SSC3, SSC12

Hert2, SG4, CCS2, CCS3, SSC1, SSC8, SC9

SG4, CCS2, DOE13

Dor3, SG3

Glos2, SG1, SG4, CCS1, CCS15, MAFF5, MAFF6, MAFF7

Humb4, FC8

Camb3, Dor3, Glos2, Humb2, Humb4, SG4, CCS10

Hamp3, NY4, NYS, WS3, MAFF3

Derbl, Dor3, Glos2, Lan1, WS4, MG5, SG4, FC2

Dor3, Lan1, MG5, MAFF3

Not1

SG4, BWB6

BWB1, BWB2, CCS17

SG4, CCS17, SC7

Hamp3, Gwel, SG2, DOE19, SSC4

Derbl, Derb3, Dor3, Lan1, Suf3, MG2, MG3, MG5, WG2

Cumb5, Dor3, SG1

ENVIRONMENTAL PERCEPTION/ATTITUDES TO COUNTRYSIDE

ENVIRONMENTAL SCIENCES/BIOLOGY

Applied Biology

Arboriculture

Birds (Ecology of)

Fish Biology/Fisheries

Flora/Plants

Horticulture Grass

Hydrology

Invertebrates

Remote Sensing/Land Classification/
Terrain Analysis

Vertebrates

Dor2, Glos2, Not1, Not2, SG1, SG2, WG2, CCS5

Hamp3, MG5, WG3, WG5, DOE9, DOE22

NY6

Humb4, WG3, WG5, CCS9, FC4, FC5, NERC29

Clev2, Lan1, NERC17, NERC18, NERC23, NCC4, NCC5, NCC6, NCC7, NCC22-29, NCC38, NCC50, NCC52

DOE7, DOE8, DOE22, MAFF25, NERC5, NERC6, NERC8, NERC9, NERC26, NERC27, NERC34, SC1

Clev2, Lan1, NERC1, NERC2, NERC19, NERC20, NERC31, NERC32, NCC11-14, NCC31, NCC42-44, NCC53

CCS8, DOE16, DOE17, NERC12

DOE10, DOE11, DOE22, NCC45-47, NCC54

FC2, NERC4, NERC10, NERC23, NCC8-10, NCC30, NCC41, NCC51, NCC52

Lan1, DOE14, MAFF8, MAFF9, MAFF30, NCC53

MAFF27, NCC1-7, NCC22-29, NCC39, NCC40, NCC50, NCC52

FINANCE

Cost Effectiveness/Efficiency/Profitability

Pricing

Sources of Finance

Lan1, SG4, SSC6, SSC5

SC2

Dor3, Glos2, SSC5

FORESTRY

Humb4, Lan1, SG2, SG4, WG3, WG5, CC1, CC5, CC11, CCS9, CCS1, DOE10, DOE11, DOE21, NCC5

INFORMATION

Advice/Expertise

Computerised Management Information Systems/
Agency Computerised Information Systems

Information Services/Data Bases/Atlases/Maps/
Gazetteers, etc.

New Technology (Application of)

Hamp2, Gwel

MG4, SG4, NERC21, NCC33-35, NCC38, NCC51-53

FC8, NERC21, NCC36, NCC37, SSC6, SC3

MG3, SG4, Dor5, CCS8, DOE16, FC8, MAFF11, NERC21, NCC7, NCC34, NCC35, NCC38, NCC51, NCC53, SSC1, SSC3, SC10

DOE24, SSC6, SC6

INTERPRETATION

Gardens

Museums

Strategies (Towns, etc.)

Techniques

Visitor Centres

Dor3, Glos1, Hert7, K1, Gwel, SG3, FC9

Ches3, Glos2, Glos3, MG3, CC15

MG3, WG2, FC3, FC9

MG3, MG5, SG1, WG2

LAND RECLAMATION/RESTORATION

Cumb3, Glos2, Humb2, K2, Lan1, MG1, MG4, SG3, SG4, CCS9, CCS16, DOE16, DOE23, NERC13, NERC19, NERC25

LEGAL ASPECTS

Commons

Rights of Access to Land/Rights of Navigation

Rights of Way/Bridleways, etc.

Lan1, SG2, SG4

Dor3, Dor4, DOE15

Dor3, CC13

Dor3, SG1, SG3

MANAGEMENT OF FACILITIES/ RECREATION ACTIVITY

Canals

Commons

Community Schemes/Motivator Schemes

Facilities for the Disabled

Footpaths

Gardens/Paths

Lavatories/Litter

Monuments/Stately Homes

Picnic/Play/Countryside Recreation Sites

Sports Centre/Swimming Pools

Techniques

Beds1, Glos1, Hert5, Suf11, Hert6, Suf6, Suf7, Suf10, WG1, Ches2, BWB7, CCS14, CCS23

Ches2, CC23

Dor3, Lan1, MG4, SG2, SG4, DOE15

Dor3, SG2, SC9

Dor3, NY2, SG1, WG1

Dev4, Dor3, Glos2, Lan1, Suf4, Suf5, SG1, SG2, SG3, SG4

Cam3, SG4, WG3

Dor3, SG1, SG4

Dor3, Glos2, Humb3, Lan1, MG1, SG1, SG4

SG4, SSC6, SC2, SC3, SC11

Dor3, Lan1, SG4, CCS6, CCS7, CCS8, DOE17

MANAGEMENT OF NATURAL RESOURCES

Amenity Areas/Parks

Coast/Beaches

Fisheries

Footpaths

Grassland/Amenity Grass/Sports Turf

Green Belt

Heath/Moorland

Hedgerows

Inner City

Landscape/Land Use

Rivers/Water Areas

Uplands

Urban Fringe

Wetlands

Woodland/Forest/Vegetation

Glos1, Glos2, Hamp3, Humbl, SG4

Glos2, SG1, WG3, CC4

Camb1, MG5, SG1, WG2, CCS5, NCC18-21

Clev1, NERC5, NERC7, NERC26, NERC27, NCC40, SCI

CCS7

MG4, DOE16, DOE17, NERC11, NERC22, NERC23, NCC42

MG4

Lan1, MG4, SG2, WG5, NERC13, NERC24, NERC25

SG1, SG2, CCI8, MAFF14, MAFF15, MAFF16, MAFF17, MAFF18, MAFF19, MAFF20, MAFF26, MAFF27, MAFF29

SG3

Glos2, Humb2, Humb4, Lan1, MG2, SG1, WG5, CC3, NCC32, NCC33, NCC34, NCC45, NCC48, NCC49

Glos2, Lan1, SG1, CCI7, DOE10, DOE11, DOE22, MAFF25, NCC46, NCC54, NERC1, NERC3, NERC33, NERC35, NCC10, NCC17, NCC45, NCC46

Lan1, SG2, DOE10, DOE11, DOE22, MAFF16, NERC14, NERC15, NERC17, NCC5, NCC14, NCC44, NCC48

Dor3, Hert3, Surl, SG2, WG2, WG5, CC7, CCS16, DOE20

Glos2, Som1, WG2, MAFF1, MAFF2, MAFF23, MAFF24, NCC16, NCC54

Hert4, Humb4, Lan1, SG2, WG3, CCI6, CCI8, CC25, FC6, FC9, MAFF12, MAFF21, MAFF22, NERC1, NERC16, NERC20, NCC5, NCC14, NCC15, NCC44, NCC53

Glos3, Not1, Not2, SG3, BTA7, BTA10, BWB1, BWB2, BWB3, BWB4, DOE20, SSC9, STB8, STB9, BWB5, SSC5, STB4

Bed1, Ches6, Derb2, Durl, Hamp1, Hamp3, Humbl, Not1, Suf8, Suf9, Gwel, SG4, CC8, CC10, BWB2, FC7

CCS1, MAFF6, SSC12

Cumb6, SG1, SG3, SSC1, SSC6, SSC7, SSC12, SC2, SCH1, SCI2

SG1, NERC28, NCC18-21, NCC26, NCC27

Lan1, Som4, SG1, SG2, CC24, CC26, FC3, SC8

Lan1, NERC10, NCC1-10, NCC22-30, NCC35, NCC38-41, NCC44, NCC46, NCC48, NCC50-52

CCS11

Humb2, Lan1, MG2, SG2, SG1, CCS11, DOE14, MAFF30, NERC30, NCC5, NCC32-34, NCC45, NCC48

Lan1, SG1, NCC10, NCC17, NCC45, NCC46

DOE13

Lan1, SG1, CCS7, NCC5, NCC14, NCC44, NCC48

Lan1, MG2, SG2, NERC14, NERC15, NERC24, NCC11-14, NCC31, NCC42-46, NCC53

Lan1, NCC38

Lan1, NCC16, NCC54

Lan1, SG2, FC4, FC6, FC7, NERC16, NERC20, NCC5, NCC15, SC8

Glos2, Lan1, Gwel, SG2, SG4, CC24, SSC2, SSC7, SCI2

SG4, CC20, CC21, DOE5, DOE6, SSC1, SSC2, SSC3, SSC10, STB4, SC4, SC7

Bed1, Dor3, Glos3, Not1, MG3, SG1, SG3, CC23, NCC33, SSC5, STB8, STB9, NCC34

Not2, SG4, SSC10

SSC9, SSC10

SSC9, SSC3, SC14

CCS2, SSC3

SC16, SC17

SCI5

SC20

MARKETING

MONITORING/SURVEY OF FACILITIES/ NATURAL RESOURCES

Buildings

Built Recreation Facilities

Canals

Coast/Beaches

Countryside Recreation Sites/Routes

Fauna

Gardens

Landscape/Land Use

Rivers/Water Areas

Socio-Economic

Uplands

Vegetation

Weather/Climate

Wetlands

Woodland/Forest

MONITORING/EVALUATION OF AGENCY POLICY/ PRACTICE

POLICY ANALYSIS

PROMOTION/PUBLICITY/MASS MEDIA

PSYCHOLOGY/SOCIOLOGY OF LEISURE AND RECREATION/SOCIAL ORGANISATION OF LEISURE

Leisure Concepts/Leisure Life-styles

Leisure and Family/Gender/Household

Leisure and Work/Retirement/Unemployment

Political Economy

Political Leisure Provision/Policy

Voluntary Sector

RECREATION PLANNING/PROVISION

Assessment of Priorities

Communityh Schemes/Motivator Schemes/
Local Provision Development/Management
Provision Planning
Recreation Profession

Derb6, Hamp4, Humb3, Gwel, MG1, ST1, SG3, SG4

Lan1, SSC1

Dor4, MG3, SG2, SC4, SC5

*Cumb3, Dor4, Glos2, MG3, SG2, FCJ, SSC8, SSC11, Glos2, Lan1
SG2, WG4, SSC6, SSC7, SSC8, SC8,Glos2, Lan1, SG2*

RURAL PLANNING/RURAL DEVELOPMENT/SOCIAL POLICY

Areas of Special Need

Disadvantaged Groups/Groups with
Special Needs

Priority/'Target' Groups

Rural Socio-Economic Development

Not2, CCI2, DOE3, DOE5, DOE6, DOE18, DOE24

*MG3, SG3, SG4, CCS16, DOE4, DOE5, DOE18, SSC11, WTB6
WGI, SC4, SC9*

SSC4, SC4, SC5, SC9

Lan1, MG4, SG4, DOE4, WTB6

Glos1, K2, Som4, Gwel, ETB9, ETB10, ETB11, STB8, STB9

Glos2, Som2, Som3, CC6, ETB2, STB1, STB5, WTB1

TOURISM

Accommodation (Guest House, Hotel and
Self-Catering)

Activity/Recreation on Holiday

Attractions (Monuments, Stately Homes, etc.)

Day Trips

Demand/Market Surveys/Trends

Cam1, Cumb2, Glos2, SG2

*Som3, Will, SG1, WC4, CCS3, ETB5, ETB6, ETB12, STB2,
STB7, WTB2, WTB7*

Ches4, Ches5, Glos2, SG1, SG2, SG4, CCS2, CCS4

*Humb3, Som2, Som3, BTA1, BTA2, BTA3, BTA4, BTA5, STB1,
WTB4, WTB5, BTA6, BTA8, BTA9, ETB1, ETB2, ETB3, ETB4,
ETB13, STB2*

*Cam2, Glos2, WG21, SG4, STB6, STB10, WTB3, WTB7, WTB8
Som2*

SG4, ETB3, ETB4

Glos2, SG1, WTB5, WTB9

Glos2, Lan1, SG1, SG2, SG4

*Som2, Som3, SG2, SG4, BTA1, BTA2, BTA3, BTA4, BTA5,
BTA6, BTA7, BTA8, BTA9, BTA10, STB3, STB5, STB1*

Som2, Som3, SG1, BTA7, DOE20, WTB3

Glos2, Glos3, Lin1, WTB4, WTB5

MG3, SG1, WGI, SC20

*Clev1, Glos2, Lan1, WS2, MG1, SG1, SG4, Deb7, BWB1, BWB2,
BWB3, BWB4, BWB7*

VOLUNTARY SECTOR

WATER RECREATION