# INSTITUTIONAL ARRANGEMENTS FOR COASTAL CONSERVATION

IN NEW ZEALAND

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#### Abstract

and for for and coastal conservation undertaken related New ecological encompass user and community needs societal characteristics, where various approaches areas implementation. appear demonstrated "Initiative" issue to administrative and legal frameworks. their relationship to ecological and human needs, the initiative coastal conservation Zealand, The spanning to restrict the development protection to its was focus in five priorities. but analysed to conservation refers to positive that inherent worth. of the they do limit this initiative Arrangements areas of. land-sea are the paper with different biophysical identify conservation being attempted. Institutional arrangements natural environment interface conservation policy r. its for institutional Case formal expression of such policy while cohesive in New studies are maintaining particularly Zealand. conservation H measures for reasons arrangements Analysis were each area, policies can and go and not

heard more maintenance natural widespread. of less Only over because of recently development, reserves concentrated along South harbours long For settlement Islands, and environmentally coastal modified the have stretch and estuaries, ы the frequently. NZ's country of public coastal such past tended Concurrently, demands together with those areas including low and portions of the coastal environment become for S D two decades has concern the 0f population density to fall in areas exploitative mountain ranges. more than 10,000 km (Tortell, 1981). zone access to these its coast, and, the was small varied coastline. coasts not land size, land under ខ្ល of of. for and areas New r. 1ess the smaller use have (Tortell, the serious Even sea, often main Zealand (NZ) for desired preservation of have so, until and offshore the the future North and Including historically 1981). pressure for been case, has

not These that environmental maintaining "initiative present only aim Positive latter resource uses, initiative with developments that to mitigate purposes. conservation" natural measures modification, action to meet coastal environments, the are termed negative here. but these entail high levels of with "defensive impacts conservation contras Within demands, conservation measures the range 0f will conservation" γď development bе restoring called 013

opportunities Initiative for conservation activities primarily attempts that depend 9 settings ç provide

Ву this for convinced the preservation Such coastal public S, areas, have study prov. that the chance not theory: activities (C) iding protection environments, which tands The been Of. This that 0f type the the to grossly provides type ρ ecosystems, include value opportunity serve Of larger 0f of initiative one initiative modified of þ conservation, for recreation, much sector coastal such the 05 for broader portions γd environments recreational 0f conservation people conservation area resource the education implemented purpose in public of 6 ZN enjoy ecosystems extraction needs emphas demons will and areas than The natural ij of. scientific the ized become trate rationale increas protected the here P

can can measure (Dart Бе our actually et derived of coastal al,,1982). public see and resources will of the support when the and experience and [conservation will the only the practices] y gaın a general gain benefits public full that

whole. de environmental H fens the long Ve conservation term, qualities, the more measures the people les 'n Ø need that the coas become ther tal  $\mathbf{o}$ ٤, aware 11 zone Ьe O H Ø ທ for coas Ф tal

expressi administrative implementing Institutional arrangements gal The mechanisms the 9 emphasis of insti initiative for policy arrangements frameworks and tutional initiative O H associated this conservation The which ar paper • question for rangement coastal form lies present organizational conservation 9 בים to addressed systems avai ZZ purposes institutional U able H coastal S C here • the for þ re μ. ហ the

also under agency make **Policies** accommodate "Adequacy" zone mandate resource decisions reflect are consideration, goals are adequate ը. appropriate initiative conservation and the and ideals, which relate the judged in relation to whether in a consistent manner. role those priorities for and to the or powers granted achieving affected of an agency ЬУ values the this purposes t 0 of those who use use. to the the resource which They arrangements outlined encompass agency by They policies. ۲<del>.</del>

may Organizational conservation within to attain encourage the natural attributes enable help give also be For environmental constraints. or hinder which is founded in institutional arrangements, initiative coastal conservation, policy goals public cooperation in protecting them), the first the community public appreciation of pursued and expression priority the evolution of legal ឧន or user far ţ structures Of. of the the 25 policies aspirations possible, maintenance coastal such goals The those themselves for policy maker's while for the resource ecosystem. attributes initiative or enhancement Or ideals. 0 (and But

#### Approach

societal adequacy of Policies factors must institutional which эq developed to vary from place arrangements suit to place. biophysical can only Accordingly. p e and policy the which may issue subjected social various arrangements were implemented were measures in NZ. arrangements explore the accurately interaction this selected that analysis, and institutional arrangements. and biophysical Five have reason, tο 9 political The judged detailed and may not for some been, coastal last of environmental which was the technique initiative conservation, chosen area the in Ti stress (1) represent 0 H criterion coastal have been resolved at constraints, case relation to interaction of areas in which characteristics are for or conflict study in the study environments, was approach and מ specific and included process (Figure range policy, social factors culminating in initiative (4) at chosen 0f was specific Of f conditions have 1). 40 the (2) (<del>3</del>) institutional institutional being, adopted facilitate time ţ recently hold include conservation Locations demonstrate locations with of an differing issue been

source documents representatives loosely first Most part structured and 0f Ö. the government files 1982. and field work was interviewing individual The main were experts. research 0f conducted agency the second largest technique and in 1981 Unpublished interest and was the group

biophysical divided coastal statement Preceding conservation into on the (2) environment, three the mechanisms analysis parts: case in NZ. study land Of. (1) for, an and analysis The ום issue and description water case general demonstrating studies Ę. use Ø background Of and progress are the social each local

principles initiative (3) ç SP the institutional arrangements exhibited introduced conservation evaluation of in H above. the goals policies issue and analysis, ideals and and institutional arrangearea characteristics, and according their relation-

Background ţο the New Zealand Case Studies

in urban to parliament, and local bodies elected in counties Government established. centers. 15 two-tiered: and Planning in A system of regional government central government NZ Generally, answering ı. government directly also

reviewed, with public are not been Town have established territorial prepared the usually, hold and Country Planning declared since provision become Regional united councils marine Ьy critical; over seas equivalent local planning limit. coastal councils hearings, every however, only seas Act jurisdiction to the to district Maritime planning areas for was made (1977). where S S authorities may, a11 resource മ five years. land schemes, few for them in Maritime areas, such use 12 mile which must areas plans conflicts can but and bе

natural character relevance planning The Town and Country legislation ţ ይ of coastal [1t] national 0f from the for conservation because unnecessary importance, "The NZ. Planning Act coastal environment Section 3(1)(c) is subdivision (1977) is preservation μ. [† specifies and the and 0 f development" basi special ψ̈

40 legislators their and commercial coastline this comprehensive ri Ti land-based, interface throughout coastal conservation Central the strict Survey are History 0f impacts establishment of dozens Government lands that land This for regulation. including marine the initiated SP being 0 f 2 2 3 (1) has almost been completed and uses, on the homes deserving protection, efforts to uses the classic country. early Government primarily threats to in 0 of water marine the (3) as NZ holiday u, protect Coastal 1966, when showed There areas. "commons" Involvement NZ environments less obvious related have coastal 0 f the resorts, an have areas Reserves been reserves sea active ç 8 the Department Some of the and, areas were been g has מ less intense, subdivisions in county (2) ន្ឋ the no Survey interest Coastal been in coastal areas Ľt such, recreational comparably land-sea has viewed у seen reasons to Conservation Of resulted county unsuited ij along identify than Lands coastal γď for

conservation relatively potential and government's the existing extension piecemeal and the hectares for Survey low 1970's, changing 0 f legislation updated; attention 0f protecting priority basis. marine O H territorial Department, land coastal seaward. that As the receive נם has general patterns interface seas pers. areas D been limits, New yet degree comm. in indication placed of legislation has expanded NZ, resource of 1982), began been nearly 9 legal ф ф Of f the applied institutional while Was use, draw five protection passed, only and

3000 ha of sea are similarly protected (Tortell 1981)

Institutional Arrangements Available for Coastal

and The grant harbour mariculture Soil the Transport, water mark the Harbours Marine The most Marine control Conservation. licences act also coastal Conservation Act Of them powers Farming Pollution 0f żs boards. control sea. recently and centrally (MHWM) to the specific O F zone. Act Act regionally or locally Most leases over areas of Numerous Act under (1950), of enforcing by-laws enacted legislation Local bodies (1971), which provides coastal water activities A small sample administered by the Ministry (1974)(1967), the Mining Act the Harbours which applies 200 mile acts and the of or are parliament economic particular uses encouraged includes the Water sea Act Fisheries administered by of over are below mean to be used for (1908)for this zone regulated under foreshore provide (1971), resources the issuing Act ç type which limit acquire high (1908). S. for the and the

Act applying Survey for conservation are provisions purpose only (1981)The Department LS. type to defensive are ф and terrestrial regulate of secondary. the fewer legislation has Reserves conservation almost on the resource areas, Act Acts discussed full ZZ including extraction, measures (1977)providing for law books. responsibili SO the - ( far its and National ţу Lands provides initiative primary conservation for those Parks

provision national establishment mentioned also be established, under section 38. and government classified according that the several hundred reserves in NZ be formally replaced the Reserves parks border National Parks Authority. in their districts. boards holding responsibility for all parks numerous individual park Public required The Reserves, recreation, historic, scenic, nature, The park for above, ancestor 1981 for on the and reserve boundaries of numerous coastal reserves. seaward extension. purpose. national parks and for the version Domains of. coastline. Coastal Reserves to their the and Domains Act (1953). These boards report and reserve boards and National Parks required the replacement National Reserves on private Only three of NZ's intended use. The Reserves Parks Grant a control or carticol end at Survey reserves Act Management to the central MHWM, with and reserves with Act, passed 1ed (1981) was land can Act Coastal scientific Categories ten national **1**± ф regional Of (1977)requires plans the

הַל 9 sometimes, "foreshore (1948)bordering MHWM. crown ownership. Lands early in NZ's Land which reserves from sale and Act Survey Department also administers the Land (1948), history, This strip, reserved large reserve" portions is termed the b Before its inclusion 20 m wide 0 f ب. ۲۲ "Queen's Chain" for public were strip alienated

serves three designated under regions of NZthe where Reserves the coast Act (1977), maritime ۲. ن dotted with

park park its own coordinate management boards and reserve boards has act Only been are 0f have parliament. serviced by the threatened by the establishment boards under the National Parks Act (1981) been Hauraki established by 0f the Department Gulf the non-contiguous The Maritime future the of Park Minister 0f the Lands Board other reserves of regional Of. Lands

wildlife controls The Wildlife L'S over protected, under the Service land or water can the designate Wildlife area involved are refuges Act (1953)in which

marine marine (1977)legislation. University for situated reserve emphasis Agriculture conservation parliament. individual seen the (1971), been established. The reserve reserve ខ្ម first proposals" H. 000 Some sole being O H under the responsibility and Fisheries (MAF). front reservation for ij management Auckland. marine feel piece types, MAF legislation the The too 0f has that the (Commission for marine 0f bill réserve restrictive for Оľ comparable drafted a bill for heavily marine legislation committees established under Marine proposes Only two which environment Act scientific designated under laboratory SEW reserves to should נו other the providing for initiative This act "has a strong those specifically of the selection Environment, 15 21 purposes the soon are marine majority belonging 0f the Marine Ministry the go administered it, Of. before reserves and this Reserves designed modified which is 0f to 1982, Reserves the Act

Fisheries departments fronting control under obtain based O H at least entailed and Reserves alternative adjacent conservation. Vice institutional increasing recognition of conservation areas set terrestrial marine marine marine reserve versa); protected No activities of the Harbours agency ש commercial fishing recreational use of the marine grant single ወ ţ three by-laws. in coordinating Act this Act farming land park that is restricted by the limitations þ with conservation responsibilities must first or (1971)park (1908).arrangements is seen different piece of under protected area legislation adjacent area alternative entails the application of the The administer control would have Act Or currently requires the spanning MAF, and establishment creation of Other which it the 0f as reserve (1950) over by the difficulty legislation provides in particular, pieces separate administrative Marine a serious gap in the range uses, the importance from the in "marine available for coastal the the land-sea interface. ç administers. on land. legislation of legislation. a combined such as Reserves be of foreshore Ministry restricted ש parks" area "marine r H fishing, Act of. The that would be implementation expected terrestrial relevant according to Off. the and under the for of the first (1971)It park" Уď Transport coastal can then mining sea bodies initiative the A landto an Marine (or With

Overall, there ıs L clear imbalance between the

base are 0f standing scattered protecting this options conservation even 0f terrestrial experience will be explored coastal coastal fewer. locations coastal waters. available conservation experience protection arrangements, provide areas coastal Nevertheless, no n for the spanning areas achieving coast, Institutional alternatives and recent efforts the land-sea interface combined with longer those initiative in the in NZ. available for following cas conservation þ M sample broad ۸,

Marlborough Sounds Maritime Park

and The remnant native water This major 450 (the sheltered and 1480 distance Sounds) Description. together Sounds 600 square Ħ. rise and numerous smaller ı. inlets present forests, km of land and about fifteen Their convoluted steeply from The peninsulas ρ successional vegetation, pleasant mosaic 1570 percent of NZ's coast the branching coastline of the Marlborough Sounds shore square km of of ç o ones for summits farmland follows islands between 1448

mainland vegetative burning, impacts native opposums has European settlement 9 planting fauna, flora cover. the land-seascape Уď some combined and grazing introduced While islands since with human impacts introduced animals of are to species 1830 the produce relatively has had Sounds. such a heavily modified as dramatic undisturbed such dominate goats, Damage incurred

the Those remaining take pride residents farming. Approximately and small are Sounds used service notable for have Due environment. 500 persons settlements and on farms. fishing, been leaving ţo for decline certain farming, forestry, in live in their way of land-holdings indigenous the in the resource-based Sounds proper, species and marine r T The region life the and economy, Sounds has ä

water-based Park areas for Considerable residents contribute importance surface travel between NZ's help maintain the The along the coastline passing Sounds have in NZ. recreational exposure through Tourism and to the regional economy and way long the st, region's gained via the traffic activities. been in the Marlborough Sounds Sounds נום appeal for predominantly two main the which is recreational influx of islands the connection area summer O Hi Of f מ Maritime Natural ferry 0f national life.

and Lands the biological which most reserves, almost all percent of the land area coastal Christie, public Coastal of the 119 Institutional are and mainly classified Survey Department and recreational acquisition reserves Reserves 1981). reserves Arrangements. s L of which border on the sea (McCaskill Survey 0 f largely due The 0f scattered reserve Reserves for values the Scenic, still the Sounds had land. ţ throughout **Approximately** for Act area the completion The proliferation funds is protected their (1977) covers at These מ available the aesthetic, time when reserves thirty Sounds for

7 the war !

generally do not extend below MHWM.

management. Reserves and Other Lands Disposal Act to rationalize its Chain". primarily to preserve public access as part of the "Queen's Reserve which runs for 654 km along the coast at a width 20 m from MHWM inland. Overlapping most reserves is the Sounds, Foreshore Special legislation was passed in This land was set aside 1955 under the

whole is not required and has not yet been drafted reserve plans, but in 1972. Maritime Park Board (MSMPB) were set by Gazette notice limits of the associated Park Board's jurisdiction (Figure the recommendation of the Minister Marlborough Sounds Maritime Park as defined by The Foreshore Reserve and the 119 other reserves form These limits and the rules for the Marlborough Sounds Lands and Survey Department assists with a management plan for the Park as of Lands and Survey Ø

mandate this interest in the planning of Sounds waters. on the Maritime Planning Committee because area over the warrant industry over the last fifteen years was rapid enough to recreational value of the Sounds also render them maritime for helping to regulate mussel farming stems from the establishment of growing mussels. Expansion of the marine farming Analysis. planning Sounds. representation, The The Park Board was assigned a sheltered waters that enhance עם statutory maritime planning and of its vital from The Board's the rights

marine ## the AS farm applications, under front accorded has administrator Board 0f þ farming say t<sub>o</sub> reserves can object interests in more of public general ç As controlling the þ the Marine participant reserve siting priorities land 0f lands on Farming marine in maritime fronting for the Act regulating farms shore marine (1971)planning,

be the ijs of. reserve prefer locations development protected and sediment that maintained and the interrupted mussel forestry conflict they Land-based seascape users, runoff pollute the coastal lines. and however, Āф the developments (Johnston et fronting land farms the water, Hn waters with mussel addition, areas ω well marked, dislike the visual ha reserves. SO grids with al, 1981). provide such that mussel while of f bacteria, S D farming navigation black buoys a buffer subdivision, Some shore t o farmers Conversely, recreational interruption nutrients the access between 0 f supporting extent tend agriculture boats must and such

14 proliferation farming applications, (MSMPB, (MSMPB, the lodged objections The 0f preservation with 1980) 1981). Park Board the the 0f based areas rather marine overall Conservation in this has on conservation and recreation grounds of. 0 H1 with MAF than the the participated farms objective to "recreational Sounds the 'n to eleven marine the maintenance which O.f. Sounds. in planning context preventing the and Board aesthetic 0f refers farm In ecosystems for the adminis 1981-82 marine

9 þу The the marine biophysical shore farming bу environment farm workers only 6 the 0f extent the reserves that debris μ. to. ш lff Ts. P Ö left 4

npon maximize based marine H Sounds called basis which pers in fronting those ecreational its Scenic use 0f comm. related emphasi recreation for Maritime farming response of public reserves "protecting more Reserves the þ 1981). and zes. tο licensing goals (Marlborough access Planning stringent ö the the educational (Henderson, and the ri Ti the provision accommodation Of These 6 0 fi marine terms rather the public Committee, marine conditions water goals pers. Express Park use 0f farming of than access interest" the 0 f farm reflect Board comm. natural 0f 1976 the Reserves leasing 1981) and sites recreational issue that to public 1980 regulations the reserves areas and Marlborough the are are system Act Board' has Board Wilkes for mainly emphasized (1977)9 insi 40 for activities מז the ha the mandat sted land

ומ Board broad and submission interpretation other local t 0 MAF government Of. 9 "the marine public bodies farming interest" in 1978 made Уd demons the rt rat Park

cultural, enhanced, for in different in planning needs proper land a...
landscape
and the we problem recognition (MSMPB et al. welfare water and s. al., recreational the uses OH, 0f of natural, 1978). accommodation the population ensuring values regional that 0f provided are natural the

do national Al though contribute Park Boar needs, Scenic <u>α</u> 40 policies the Reserves Ø vacation reserves take are destination not 0 this the normally into Maritime account Of expected national Park National together 6 importance, fil and

population requires consideration of economic priorities regional 25 aesthetic needs mentioned above. are and recreational ones. generally met The via welfare the recreational 0f the factors local SD

not for looking supports legal mandate, yet the Board has always supported marine economy farming popular marine Economic comm., for in principle, for its contribution to the local (MSMPB, applications from local farms an alternative for 1981). goals recreation (MSMPB, 1972) fronting are not It does not object to applications foreshore source included landowners of income 1973), and reserve in the Park Board's Or if the areas (Mitchell, j<del>i</del>t fishermen usually are

population are Of f appears apart Small otherwise Part of control smallfarming convenient the the recreation. aesthetically Park Board support settlements serving the local and from 9 landscape: achievement the stems, in part, ď large areas be discontiguous, cooperation of residents who security since have these attraction of the Park isolated from ready contact with civilization source held practical its Because Park Board holdings are generally pleasing t 0 of the farms and vacation or retirement 0f 0 H þ inception. recreational genuine supplies land surrounding from its for local interest regional Maritime and interests, they commitment for pursual of This rs H activities residents visitors. add a the the commitment reserves rural quality 40 degree of Park in marine Park goals the also provide that Board However, image is vital related would

residents largely Ьe on the explained Board Уq itself. the representation 0f local

ij for give backing SB achievement outside that Its for farming from themselves, only provide fronting not participation in marine role participation impacts it Evaluation. for defined the its as its of member of land opportunity immediate 0f a variety its primary concerns development r T owner in the goals. the mandates The area the Maritime Planning Committee, of under Park Board t O planning institutional arrangements Of. influence the farming do not infringe The the control, Board with defensive accorded goals Marine and derives issues. resource thus regulation helping Farming ф its demonstrated on the the development These mandates legal to ensure Act Board 0f marine backing (1971)and

has farming. evolved guidance Disposal Act are establishing not reserves Reserves initiated The positive Acts defined from for coping This relate the the Maritime Act in general, the (1955).þу with policies experience Park reserves (1977)the mandate ťо aspects and conservation, Board's However, and the either. responding Park. and do not provide that 0 fi and set the experience local ۲, Reserves and the mandates Board's forth Policy administers Formal recreation ţ representation such i H goals Park Ľ, role the the issues direct Other assigned planning and H H legislation have Sounds namely the access Lands ន 9 instead policy Sounds Уď

0 f Park support recreational Board conservation of the life style of have opportunities produced a set of. Park resources, local for of goals that Park users, residents. to the are maintenance and appropriate ь the

the for its resource ideals to values values principal institutional emerge administration in the Sounds. ideals of the community most directly outside these mandates, mandates, of the Park Board, while consistent arrangements have come have to reflect successfully permitted A loosely knit influenced ש consideration incorporating these with Λq

Poor Knights Islands Marine Reserve

the NZ's the early enhanced below comprise surrounding human contact. petrel NZ establishment of tropical and islands marine continental shelf. wooded Description. 19th century, sea since mainland have by the presence of two ր. Ծ level. the plateau tops species themselves islets, stacks islands known last ţ A wide declaring The frequent Terrestrial species 0 f found Maori nest have 129 Poor a t range Convoluted shores only refuge on the and rocks lying on the inhabitants regained their natural vegetation a warm ocean current, 240 m to depths of ha and the waters. Knights them 0f 9 sub-tropical faunas marine 66 the tapu, Islands ha with Knights left rare Or islands, and habitats One drop as prohibited them in the or absent (the numerous 50 species (MAF, permitting edge Knights) to 100 cliffs 1979, Off H 9 Ħ p.7).

the Islands, thousands interaction. which forms large environments the between land terrestrial Islands, force While Islands, which becomes an О f krill there and sea birds. does interaction When large ecosystem ը. 6 sea ն Ի. resident occur. an important link in the system of the little in the surface, which 0f important schools (MAF, The birds schools feeding within The trevally, room for terrestrial form of 1979, 0f nutrient source deposit a littoral þ trevally p.9-10). transition are and marine ש fed pelagic guano on the are zone upon by area W feeding, around km

0

ZN 1981) the world marine dive recreational clubs seas life to view Sport voluntarily surrounding by divers divers come from throughout NZ and around fishing, the spectacular from 1971 (Fowler, banned big game the Knights the underwater fishing taking have and commercial long pers. O H scenery. most been comm., surol

central government activities partially dependent on tourists the (the neglected Auckland. dominant long Residents peninsula 'n users Northlanders O F favour the <u>a</u> S of a t they the closest the 0f area, and larger fee1 are notoriously resentful north of mainland centres attracted by the their population the their interests North Island) economy centres in Northland tend above such Of T

vari the recogn as עם ous **Islands** refuge Institutional nized protective Уď became for conservation rare designations crown Arrangements and Iand, endangered agencies they þ Ø The • speci have follows and value es been ţ) since has 0f allocated long  $\infty$ the  $\infty$ N Island wher, been

- reserve for lighthouse purpos 9
- 1883 1922 1929 scenic purposes
- sanctuary for reserve for for nature and imported game
- the protection of flor ø and H auna

H Marlborough which 1975 1977 (Department H S lands 1975 consi Nature has the Ċ of been STS Sounds Poor Reserve Lands of Ъу Knights М Maritime permit collection of and under Survey, joined only, Park Reserves n.d. the for coastal Hauraki Since S Act μ. entific Protec (1977)reserves 956 Gul • 'n tive study acc (MAF Mari • Œ ar like to Ø time range 19 to 79, the Park the Ġ 2)

with this been emphas reserve protec The waters μ. rt O ed ST. 9 þ the n around the ρι issue marine problem the which reserve Poor 0 ħ will protecting Knights be The have analyzed struggle the only trevally here recently ç create

ment

have

included

the

foreshore

since

1975

The pressure the Islands there Park Islands Park ection Board wer sué be prob Board Ø and of Although threa protected H Analysis irst lem from the continued ts confront proposed marine some 0 prospecting H ш o. ົດ In Ε forms Ωı, ing environment to exploration marine to ø rnd 72 the MAF Of sue the proposal He Board reserve that ñ μ. Hauraki Ġħ. reational from 'n within the Was proposal to: commercia were seas tha Gulf × ω 4 H 4 00 .بر ÷ la this around the Maritime t<sub>o</sub> ter Ħ 0f -Mar ы time fishing withdrawn, chieve the the ine

6 9 and ends, because Reserves be emphasizes necessary taking Act (1971)0f it allows scientific at a11 the was forms Poor little not aspects. of marine Knights appropriate range (MAF, life in reserve Stringent ç 1979, were serve not controls p.5). purposes these seen

despite vocal included: largely public, their tourist separate When the activities, Northland politicians, and fishing, based on associations Options (1) legislation to protests proposal forcing the for the protection of vigorously objected. provisions of the Marine who ţ from designation under feared declare fit the needs the local severe a marine community; restrictions the of existing Their reserve the diving and Islands Reserves fears Islands; legislation (2) became 9 passage

- (<del></del>2 rewriting the Marine Reserves Act (1971);and
- fishing government representatives threatening fishing uninterrupted alternatives special (4)amending (Ritchie, methods pressure circumstances ם for the the public were access Ø around the Islands, and 1977). surface-feeding ban on present increased, being the meetings and through to the of the taking considered, Park Board legislation to the with area. islands. trevally. purse of sent but local Concurrently, commerc school seiners no action was pleas accommodate While submissions, interests Local fish to central these seriously by bulk MAF continued the for

Parliament 1977 amended the fourth the Marine of the Reserves above options Act (1971)was acted 6 allow npon

that VД proposed Reserve first decided to limitations limited the the Commission had agreed reservation, NZrecreational Commission produce However, ţ be had set ឧន an environmental impact by this fishing for risen to such a degree opposed to development, уд the the time management Environment. in marine to audit controversy reserves, committee report that This was over proposal with for for the audit the

of supported of the differed representation recommendations, while encouraging thorough consideration (Commission "because around the limiting commercial only diving, fishing concluded that groups two recreation appear After and trevally zones should be 0 f from protection of Islands. considering individuals, for to their boating (MAF the interests and stressing the need for local bе 20 within ф the visual the under permitted, with all report 1979) the Environment, fishing out and Management 800 The audit terrestrial ecosystem. submissions from all the trevally nevertheless excessive the (Figure Уď appeal certain types m of playing environmental the and agreed with <u>3</u>) . ç 1979, Committee. fishing three Islands üŢ down fishing Ηt general because p.24). 0 fi the also nautical pressure" impact recreational (a these interested importance prohibited called for The 2410 report audit miles ha area),

However, finally **Early** while in legislated, 1981 the reef fish Poor Knights according and cliff-dwelling to Islands the above marine Marine proposals biota Reserve

bulk on the are (1908).including protected limits fishing Minister the Of around the Islands under the trevally, in the Reserve, Of H Reserve. Agriculture have not been Extended pelagic and Fisheries the protected beyond protection depends school Fisheries prohibiting fish,

marine Was They recreation institutional arrangements assessment Northland, 6 warranted recognition that traditional island also maintenance conservation for the Poor consistent local enhance conducted to ensure local also ç the Board Evaluation. reserve environment. enhance customs. Poor interests was some believed that ideals and the values interrupted any more and throughout the uses in 0f Knights marine defense against legislation, audit the MAF initiative recreational 0 f for area's representatives The goals the Protection of process, the of the more However, their SO area, fish outstanding marine area while Knights marine conservation arrangements. struggle great fitting conservation finally populations opportunities. environment was held fair treatment and and the no-one wished to see fishing pressure, than necessary. that thoroughly fisheries economic by the for protection. wished minimizing produced revision of existing an impact environment proponents further t o benefits surrounding protected worthy of ensure biota, They felt infringement set and The assessment partly offshore Concern Offi 40 the and were

Reserve for such Marine is not firmly established. protection to Reserve has not enhance been the achieved, value of but the the established need

Mimiwhangata Peninsula Marine Park

mosaic extends 18 the frequent platforms coast few km coast Peninsula along Description. dunes 0f pattern below water, Northland the area. and reefs. the variety and swamps, is characterized and of marine shore its offshore 0f facing Miniwhangata Peninsula lies which so that diverse The coastal Patches rocky headlands, biota. varied the S, Ьy mainly backed by Poor Knights. birds of native bush islands is 800 topography protected including habitats intertidal sandy of 0 ha. produce the penguins The pastoral b O beaches scrub Peninsula area the Its

has The the activities traditional (Mimiwhangata administer granted research usage, company Peninsula lease, company, and ç location presumably plans the Trust (Figure the some commercial Lion area ţ, public and Board, for Northlanders' encourage Breweries Limited, 4). ţ ខ្លួន has road promote Ø 1977, "farm park" established The fishing. access recreational, seas around p.5). public ф recreational owns under വ relations the Charitable Lion Breweries įt Peninsula and educational þ twenty-one farms

marine environment. coastal When the of marine Although this reports employed consultants protecting Of f area's Institutional the use (eg. Mimiwhangata Trust proposed to encourage for biota was biophysical farm could result Darby the seas around the Peninsula from negative project was abandoned, data collected a vacation development park, et Arrangements. continued (Grace ç the aL, The Trust began searching environment was investigate in serious consultants warned that 1973), and Lion Breweries degradation the and Grace, a monitoring in the published potential 1960s. 1978) O H for ways public increased had program

Reserves wide agreement. terminated after public be given ç shared the Trust, girip join be the designated as The ន្ឋ being administrative body. מ Act D þ most joint management committee "marine recreation reserve. grant of control, it proposed stemming on six months' notice convinced of the Trust's (1977).The suitable The Hauraki Gulf Maritime committee park", "protected private from a commercial arrangement The Park Board would manage the conservation as described earlier. had ք strip by either involving arrangement which could conservation objectives land" interest, of Park to enter into coastal party under an eligible Board could not appeared to the Because land agreed, 40

Management Committee, 1980 the Park applied Board, on behalf for grant O Hi. O.F the control Joint 0f the

and foreshore islands and 0f coastal the Peninsula. waters out The ç aim 1000 was Ħ off t<sub>o</sub> the shores

waters control (Millar, level interface 0f the off the Mimiwhan and to 1980). ecologically ţ under Mimiwhangata ultimately immediate marine important ensure Coastal life management þ land-sea ut n suitable Zone the

order related was of interests 1981) Mimiwhangata. which ishermen control published of and reflected principally importance: supported and Maori the Analysis ЬУ local Whangarei The mounting representatives the 40 Λq outrage members local the local When Northland County following newspaper felt the 0f government parliament Council Park Уd citizens opposition some Board fears (Northern bodies, lodged county applied įμ associations to an descending Advocate jections recreation councillors plans objection for for grant

- (1) ised The Hauraki 0f non-Northland Gulf Maritime representatives Park Board SEM mainly
- anchoring peninsula (2) Acces • ທ itself fishing ç the would and waters be recreational around restricted the activities • peninsula curtailing and traditional the
- enhance S (3) commerc Lion these ial Brewerie purposes resort Ŋ might and use develop control the over land the area water 2 2 3 Ø to private
- not (4)warrant The Proposals ecologi protection, for ical alleviating qualitie and the ហ 0 H opposition "expert" the marine advice ç environment the Was arrangement misleading did

#### included:

- Maritime appointing Park Board; more local members ç the Hauraki Gulf
- Maritime (2) local extending the jurisdiction of interests, Park Board, which is perceived as southward ţ include the Mimiwhangata; Вау 0f representing Islands
- (3) "marine using marine park" concept; reserve legislation instead
- (4) "Sell" the current marine park proposal б the public

SPM ıs. The of the across because third Board is because alternative, by Auckland members local politicians, since assured the first t O proposal Marine the one be j.t the uncertain, whereas that proposal ЬУ would not interface, or due to the viable future chosen by initiated by the people of Northland, was not Reserves Act (1971). act received little consideration, probably 0 f þу Of. did not (Northern Advocate, provide coherent parliament (Dart the Department the proponents. the Bay of the board would go far 0f Islands enough scientific the Hauraki Gulf of Lands The et al, 1982). enough 1981). Maritime fourth still in the and Survey management priorities bе alternative view of The dominated Park second Board

field **o**pposed committee day and to order opened at Mimiwhangata. survey, the members ţ continuing the "sell" and O.f farm park in March parliament the proposal, involvement By this time, ť 1981 held were the 20 public, undertook the 0f þ vehemently the management however, "meet Hauraki the local Gulf public"

Board that they declined ф attend the "field day"

the recommendations completed providing řt Board 6 the The Northland-based that would stated opportunities at Mimiwhangata (Dart best which the Committee has both Board's Harbours report had not been implemented controls available not ย Following þ that resource the most appropriate strong base of that the appropriate Minister μ þе Commission for the decided to concluded continued existence. continuing Act December possible without on resource the alternative Вау (Commission and user (1950) and Poor Knights of that prepare 1982, enjoyment Islands local use needs. a marine for enhancing the for agreed with these Environment an environmental impact at support, but this administering should some Maritime the Fisheries example, 0f time of writing degree park arrangement using The impact The Environment, the et al., 1982). be report supported the coastal resource first and Historic flexible and recreational agreed to audit. the 0f Act body, protection Joint audit, assures basic (1908)was 1982) since Management tied Park report P. tnq

ideal of making consistent with Mimiwhangata experiencing both resource important Evaluation. part marine the available the and O H Goals rich proponents' wider initiative environment our community needs. for coastal national to New the have marine Zealanders protection of heritage" been resource They carefully "the (Dart are the opportunity conservation also that et tailored forms

one existence, while Northland held appropriate maritime 40 1982, Mimiwhangata, achieve these had the institutional backing to ensure its agency possessing p.131). park boards administering The being a private the purposes so it elicited the cooperation initiator other such responsibilities; had local support a mandate. of interest, conservation coastal reserves Either had no mandate however arrangement continued of. two

flexibility in regulation under rather complex combination of legal arrangements, capable The marine of accommodating could, however, be encountered in park approach, the goals described above. while the Fisheries "making attaining do" Act with seems (1908).

administrative had had conservation over the conservation arrangements confidence not been had some Overall, of selecting have arisen a firm legislative foundation, involved involvement uncertainty and scheme, the main impediment debate. respect. in planning an administrative body that μf was, 0f ţ the of. ש the 9 the commercial interest, at Mimiwhangata was Northland-based Park Board the whole, long from the outset. local populace. to implementation of term viability or if secondary the the political which does held the This 0f public Controversy ç issue

## Ahuriri Estuarine Park

Description. Estuary from 3840 An earthquake ha ţ 1200 'n ha, 1931 and reduced drainage for

watching and draining estuarine outfall channel consists of mudflats, Napier The recreation. boats altered neighbouring farms popular "inner harbour", developed and small farther City from its natural crossing the the area, for development surrounding hinterland. walking. city The reduced area passive fishing extends still exhibiting of broader middle a t nearest estuary on transport Napier divide it islands and channels the the edge forms of recreation such around the vessels. and is intensively used Above state to area the it, ç of the city. tidal characteristics sea, portion provide the 450 periphery 14 r. into three narrower, has ha 0 f surrounded (Figure berthage routes been in the 0 f þ greatly This as birdmuch for water the estuary stop-banked sections. to pre-1931 section the while

logical of water rare less commercial value modified middle and upper and Dozens significance. birds, endangered migratory birds, nursery Of species give for the Ahuriri habitat (Voice, several of Regionally, birds 1978). species sections. are the attracted ន្ត of estuary well as national ornitho fish, The ф О presence some SŢ. the the an abundance 0f estuary' which

Of. Of channel the the Institutional channel lie estuary Vď Drained the js Hawkes farm land included within Arrangements. Вау city boundaries Harbour ր. Ľ, owned the Board, Hawke's ů O Half one Of and Вау and the side the on County 0 H lower the other remainder planning

Λq most Lands of the estuary and Survey bed. Department. The Harbour Board

aspects Of. of. main the classified Part under the Wildlife and lagoon, estuarine reaches of debate further wildlife outfall, of the The Of only İ'n ecosystem under ijt the protection and Refuge, the r, r. will be long-standing legal protection main the the Napier the also protected as Act around middle outfall, including area, but S. Reserves for summarized below. the (1953).region the the section, 1958 Act does Estuary for lagoon north proclamation Refuge (1977).over not מ Sp Reserve has þ protect מ þ status Wildlife bordering decade been of The achievement for not of. an protects the habitat. the yet the Refuge issue marsh lower lower rich

grew obtained Board successive there the Technical campaign development. Estuary Estuary more are and was national for scientific 10 concerned over Committee, taken on the park proposal. years Analysis. and began מ legal provisions proposed national estuarine Local conservation groups Nature held the מי over dredging advice marina ម្វា 1968, 1979, public Conservation Controversy motorway on p.1) following proposal was meeting 0 F the development. precedents. park ecological activity by the Harbour an concerning Council in their arrangement proposals to encourage public (Ahuriri gained "shelved" but Conservation qualities uses During for the They Estuary for which for marine support groups

1981) and then "Ahuriri groups, support (MacDonald, pers. comm., for "Friends the conservation cause. 0f the Protection Society" Ahuriri" 1981). (Hawke's Two public Bay Herald-Tribune were formed interes

management plan. and for for City Committee only to an extent compatible with its Technical SPA various to co-ordinate research to provide data Committee Board central government (Ahuriri Estuary Technical Committee, the Country negligible, this Council convened a meeting of representatives Until involvement in dredging deliberations. agencies a management plan coast research projects recommendation and was eventually Committee 1976, response from the Planning as expressed in section 3(1)(c) ወ which Technical apart agencies with responsibilities produced a report in 1979 summarizing Act resulted from Napier (Voice, disbanded, without producing for (1977) were cited as and Committee. the recommending in the 1978, Estuary and the City Council various formation of 1979). natural p.149). The for planning. use local former Of f character justification 0f and "Social goals" Then The the Town and latter the SPM a Steering in the Harbour from the Steering to area Was The area

recreation. interests and picnicking development Following group still Of Government the was the (Daily Telegraph, favored wildlife middle publication of the formed agencies estuary which supported preservation with passive 1981). for power boating, sailing remained unresponsive report, dredging Conservation another and public

until 1981.

needs Council recreationists, p. divergent Board, conservationists estuary" are ٦. ecosystem and the the report. Council "Estuarine the to be devised for the also principles put to be 검 were Scheme began, goals, ţ acted by creating its (Napier encouraged, reasons. In the middle section of the Estuary, Ьe Park", objecting to Estuarine Park policies 1981 maintained and were and City District Wildlife Refuge. rowing, their values forward power boat users, public perhaps Conservationists, Council, 1981). while maintaining as "an integral part Park. sailing and passive an Scheme Review, Napier in the interest groups the "estuarine best agree most The main outfall Technical A management satisfied and including the subdistrict" As with the Council hearings representing estuarine Committee's of the activities Harbour labelled City environmental Уď for passive channel plan City 01

proposals, institutional response. Rather Ahuriri execution Evaluation. than Estuary the agencies having The 0 f foundation is, public, fact grew government Initiative conservation out that a S Of. initial instigator, to seek community response conservation responsibilities public therefore, proposals interest more looked not goals had surprising. for no government for than from

reflects Action the finally optimal taken by the initiative conservation City Council probably policy

For several other agencies with responsibilities traditionally extended to local bodies City Council Whether Council's unheard lack conservation measures through zoning Technical rich for estuary priorities it has lack of active interest from central government, and the but base of in NZ Estuary, given conflicting vulnerable ecology. Committee, and from strong and vocal local resulting from an ad hoc will have is stretching appropriate However, implementation of initiative ខ្លួ powers will be strong enough is the "National Estuarine ç set for the Estuary remains to support institutional arrangements, its mandate It is founded in a sound the impact report from social plan is practically in NZ. beyond the j: E values for parts 4 to uphold Park" ը, Մ Also, the and ç be seen. ום the e Q the

## Abel Tasman National Park

animals 0 fi frequenting clearing of the rocky headlands granite land with fauna. hillsides Description. Park have coast Ŋ the is in various stages of regeneration following settlers last also Nevertheless, S. and ravines 5 8 waters, interspersed with estuaries. characterized by extensively modified the km coastline Abel Tasman National and century. stands of native trees to the ומ variety (Figure shore, Introduced browsing of sea 6). golden beaches and seals Park indigenous birds The covers and The vegetation eroded growing including dolphins 22139 flora 'nа

blue penguins add ţo the physical attraction 0f the Park'

popular D water-based recreation. sheltered roadsteads providing popular recreationists vacation coastal ut. route destination the for approach track immediate land-based users with closely-spaced huts for the vicinity There are no major population people Park Уď 0f from 0f sea, the Park, but the all locations with Park. over 1. S bays for the Most μ. ተ most S.

County planning and under the the Strips clusters will shore Several Council boundaries also 0f be area 0f control of the unformed CO removed when the holiday homes, or overlaps with part private Park. legal road adjacent inholdings Golden Bay leases expire. Some of these include "baches", of f within County Council, the Park. ţο are Park are Park boundaries the Others on Park land land. located along foreshore The are located whose Waimea

by ago, boundaries National islands and National Parks Park its reverse and are was Institutional OWI within that zone. the not Park and Reserve established under the Public this lie Board until under Park Board former 2.5 km off situation Act Arrangements. Board's 1981, when (1928)the Board took were intention The in 1942. jurisdiction although proposals shore first foreshore the Abel of over. made new Reserves, to the Tasman National achieve Ħ. over and bordering Nelson District Park to include was Seaward ten Domains administered extended year

The management plan control was extension expressed of Park (Abel control is the as Tasman National a policy statement issue Park examined below. Board, in the 1977).

Ż also (Thorpe, effluent marine and recreational boaters and fishermen. in consideration of marine farming Offshore, the fires of the extending below mean high water mark. Park beaches years restricting ומ seen as þ 'n like national park (National Parks Authority, national users ţ comm., which for and environmental values fishery foreshore can lead to littering, the starting of aq. and pers. into to have the 1974). extending Park Board control מ the who capable Analysis rocky shores and in estuaries could means 1981). park with coastal Board desires more comm. "recognized regulation, introduction of abuse spread to Of. Offi 1981). recreational waters power to regulate the dumping of fulfilling 40 curtailing The ա the strong maritime because recreational reasons Se the þу whole, The Board well dogs visiting and mining applications Park, Park users' involvement the activities and OĦ. put extension SP which the use The Board would its environmental values the are forward has no intention activities" Uncontrolled use boats character are the Board would concern for needs numerous. expectations in the 0 f of trail not 1970). (Doogue, over of control permitted few 9

provisions. ç in the and regulations, marine reserve possibilities under the Town Of arrangements þу of honorary Parks Ministry ensured were favour Ministry its preference control under control over 0f National Parks extension available Authority, arrangements number that 0f fisheries officers. grant of control measures, together of Transport and MAF Transport's and for its Of 0f potential under the Marine 6 foreshore and has the Park boundaries it investigated the rangers its alternative for various the Act has begun Harbours powers Park Board (1952, elsewhere Motor have the procedures and and Country Planning Act institutional options, Act 1981). sea. Launch Then, responsibilities: officials, and the over t<sub>o</sub> authority to enforce been (1950), maritime achieve implications alternately Regulations First, the Board the to attain these. termed the Board While Reserves foreshore arrangements various fluctuating with "marine has encouraged (1962)of fisheries Act (1971), planning ום National under forms tended grant several park" (1977)**2**5

held Boards entailed waiting agencies, beginning assumption of granted (Thorpe, j. range for decisions long periods 1981 μt including ש 0f received pers. lower grant meant circumstances 0f comm. priority differing that of inaction. from approval-granting conflicting control by the Park Board. consideration of 1981). than legal opinions. militated against 14 advice Both would The change Boards from the otherwise agencies government proposal spent the in Park quick From the have

9 the offshore seaward required considerable the foreshore marine boundary was for Decisions were complicated by a lack grant agreed upon by the Board amount and environment locations. then had of control, and deliberating over 0f time designing (Doogue, ç Эď By-laws were revised pers. (Thorpe, by-laws when comm, devised for of information מ which pers. comm. 1981). boundary 800 Ħ

issue Park Park' 6 Without County road Golden baches This involved relations" adopted Ministry aside early the Board has latter areas (Doogue, Sometimes until and Вау and coast Park Board of foreshore fronting private this, מ stage S of Transport "make with bach owner agreement 40 the County's unformed roads on the foreshore County consideration stems a reason for inquiries would the uninterrupted pers. to avoid carefully the the haste Park, Council ъe Board would County Councils comm., impossible slowly" elicited a response. from the National Parks political controversy but consulted its cautious has 1981). control of the policy, agreed set on the need from the (Rowan, these grant and remains to give and cited "delicate progress granting waters private interests 1980b). situation of 0 f control ţ the The Board had off over Authority 0f (Rowan, inholdings obtain landowners unformed the the control The from procedure private 1980a). 9

achieving appear Evaluation ţο Ъе socially primarily and The ma jor institutional, environmentally motivated impediments even though ţ the Park goals opportunities Board ' thus

administration, understood an approach conservation ä prudent social local central Complications institutional problem lay interpretation marine the obtaining Board authorities. and long Ľ, government park has its and carefully evaluated at each level political also allows time run, in difficulties surrounding the ideals by Park users are clearly formidable. arrangements from a involved in implementing the approach to obtaining had and particularly μf necessary mandate agencies the full support adaptation of ۲<del>.</del> complications The "make haste leads from for the ţ acceptance complex options the an appropriate local and neighbours. range may and encouragement of existed. slowly" the outset, prove measures level. 0f While the Regional cooperation - Of alternatives selection, approach to <del>ار</del> beneficial initiative Part has set of to create O<sub>F</sub> to Such been Of f

### Conclusion

institutional arrangements amalgamated Aspects here of the under case four study and overview headings: analysis issues, and evaluation policies

Board) the case Knights Issues. ij fronting involvement studies. resource Islands A wide the 0 fi agency's The management problem occurring issue рJ range Marlborough Sounds conservation concerned 0f terrestrial issue the agency types struggle of reserves. example was (the covered Maritime in focussed another Park

public the Park Board Tasman National maritime island reserves. to achieve protection and means issue of protected private land on the protection interest park board, examined for the Ahuriri Estuary originated in with was for 0f the main concern. the and Park, protecting, the coastal waters aid of At Mimiwhangata Peninsula, involved controversy and seaward extension of of the seas government a maritime ç Estuary. surrounding complement fisheries coast park board, over both uses 0f control by the ប្រ þ scientists, recreational Abel commercial group sought Peninsula the

instrumental resource conservation others or absolutely periods arrangements, local processes interaction 2 involved of ij residents. and institutional development Of the time, ranged in the policy goals and 0 ff SP resolved. Marlborough Sounds 0f more at Mimiwhangata and Abel Tasman, while and issue several demonstration, from government of debate over none All of the development the five of Some issues considerations, interest the ideals issues priorities issues issues case. and and agencies, groups centred resolution were in some involved has spans Proponents of and all involved or bodies for resource been 9 different ç cases both institutional þ finally company, the

9 maintenance initiative Policy. of conservation As the stated natural H. must the environment; introduction, place the highest but policies policies priority

and need summarized below. exhibited by Difficulties policy, attempt factors people (ecological) should convinced of of the community the first, to experience also are and to meet, support environmental, more emphasize seen and and the its 0f with societal case achievements S less the value. the affected this some as constraints study provision users source (cultural, environment inevitable and second, experience. To be effective, Уď 0f in meeting of of this the needs the Or political resources use. S trade-offs social, opportunity which limitations these that ٠, 4 Those Environmental policy must policies they and needs concerned needs associated may economic) for were

necessary has This degree both Poor policies side Generally, 15 the made five including situations, more Knights, is the case An important of availability delineation of environments for areas agreement protection more difficult than the ç information the maintain the at studied ignorance 라 conservation of the coastal nature factor least on policies regarding terrestrial Abel O<sub>f</sub> appears environmental the minimum of data on coastal was tends some of the in the Tasman National of the ţ to forms of ecosystem exclusion side development need further bе interaction between lacking Of quality. restrictions fishing, ecosystems the × characteristics 0f the Park. strong on the interface Of. recreational necessary environment study. considered appropriate In none data base Αt marine on use land the H Of.

monitoring, then the option of envisaged impact in tune with changes necessary. z. for maintained. Ιf Mimiwhangata. the data in ecosystems This base type of management flexibility of S L kept and levels up-to-date regulations 0f through human

can be degradation and levels of threat, with for environments initiative environments is usually necessary for government approval applied conservation action; prolonged natural Data appreciated as well as maintained. showing the need for to conservation ideals, environments, in the case the identification of qualities delays in protecting this may be part of the reason study areas. rather protection of information should also 0.53 than just some of that H these the marine tune degrees of coastal associated qualitie

protected areas, contributed to each contribute coastal case All of an attempt was being made to establish a marine study, interaction of area to the formation of reserves the above attributes of a sound data base adjacent issue development, and in three of the across to the an existing terrestrial reserve. policies for the extension land-sea processes interface. on land and In sea

sea recognition protect S. the complex interplay common justification coastal ecotone. waters that seas. increased around Mimiwhangata, through the This justification lay behind efforts Dependence use for of 0f the two environments conservation the 0f terrestrial foreshore О Н would land ecosystems άţ and

has the because marine environment. noqu reserves the extended control upon been case eradication Poor the marine 0f protection attracted to the clean waters h conservation values often Knights the the ecosystems buffering will 0f Marlborough Sounds, over Islands Marine 0f negative be coastal seas foreshore Seas lying offshore Was less modified by human activities effect part impacts of National 0f ۲s of Reserve. ռ Ի. the primarily the where marine of to maintain a quality fronting reserves reserves. foreshore uses motivation Park from existing Αt to enable land; Abel Tasman, farming Such

H were largely satisfaction conservation Only was 6 arrangements conservation Buffering, conservation agencies policies every land reserves, Simply also in the Marlborough Sounds example Overall, ρι case, policies for strongly influenced by function of the the or than values over values establishing the defense ecological reasoning was desire and ç areas more directly Was ecological to over bordering for extending exhibited that warranted one extend issue 0f marine explanation, existing initiative priorities, studied there. initiative societal factors protected in the related to the foreshore were such protection. prevalent influence issue and the conservation areas and the dominant park user analysis and this other Nevertheless ä adjacent seas. was

policies cases The varied range recreational 0f considerably social user groups among groups requiring the were case accorded consideration studies. עם high

cases interests came priority. in Napier 25 from and Abel at almost a much ä Sometimes the the Tasman National Park. absent broader study Ahuriri these areas in others area Estuary, users to other coastal sites, resources while were Groups with economic locally were recreationists vocal based, 'n some

conservation, conservation region's tourist Poor recreational policies commercial complementary. Knights will The Marlborough Sounds can areas reserve cater S fisheries industry. the nursery probably can 6 users, Similarly, both provide has regional economic needs do little when case value been put Economic some the marine the study demonstrates of justification economic needs forward the spin-offs Ahuriri Of. reserve damage in Napier the O.f. for two Estuary at and initiative how to the groups

**Was** public activities regional populations basic access than with customary arrangements especially Arguments right acceptance ţ forthcoming. and economic recreational would not Йq were use many against vulnerable of O H more loss. New initiative were eventually be limited either coastal waters uses the implementation of often Zealanders. on this Proposals and associated with conservation access would account R. convinced for marine When suddenly assumed because local arrangements conservation рe fears to that OH conservation curtailed and severely, free their ש

the two Much Northland 0f opposition case studies to SPM conservation based on proposals fears Of

priorities bу information did thoroughly Ahuriri Estuary, control, accepted reporting and audit process did help remedy the בו involved defined Local restrictive Estuary the the the production of environmental impact Northland. earlier resulted suspicions proposal development if the public for the public until deadlocks at a very slow in Abel for informed issues stage. least measures H. consideration by not eliminate confrontation but will Although vocal interest Tasman National Park, 0 f in the in the media meant that the 0 f on conservation proposals conservation motives might not part Instead, ь had been kept informed and involved rate that expression proposals more thoroughly satisfied. there are of to assure were policies progress never policy makers groups 0f fewer local interests most that In the case seriously mooted. on its extension were not and the Park finally values everyone reports. the public high clearly resulted and situation and from it at Board O.ff This affected the profile

generally development delays although certain aspects policies evolved suitably Overall, described in tune with initiative conservation priorities partially were founded 0f adapted policies for the study areas consistent an issue. in the issue analysis in the related to community needs. policies surfaced over The confusion, ç the information themselves. only period then, were not in Of. controversy response problems, appear In most study They were, ф 0 ç cases, ç have the

The and communication latter institutional factor 0f policy will now be explored. frameworks ф the for public, the expression and to the Of mandates policy.

discussion is organized into four study area legal context Institutional administration and planning. P. for summarized initiative Arrangements. in Table conservation sections: 1 The administrative The in each case following legislation, and

of that 0f Of government agencies. This limited. were for the involved, basis þ מ the had new Marine unfamiliar broader could Conservation in legislation agencies Ahuriri protection no policies, be blamed This obvious range with conservation mandates Estuary with Reserves Act which allows situation may interest 0f Off. if not designations, legislative backing. the in part on the fact that 1 policies. coastal proposed However, the "National Estuarine mandates groups waters be remedied a designation in for calling three were conservation held by were proposed other for Ŋ for were particularly Legal alternatives the the the that the Park" more case passage implementation groups protection had directly studies

t 0 existing for new legislation or case initiative study areas the legislation. inestimable absence conservation purposes, were 0 f faced with the options delays amendments, or "making legislation that The first that option was were proponents unacceptable because u. directly usually assumed of. do" with waiting in the suited

уд could involved in the potential can public's protected the reception 0f amendment to the Marine that threats arise underlying protection of the Poor Knights' marine those lose legislation. reaction in this case showed that problem is of areas from the for sight ť the the which bias wa s initial application of of policies that reserve proposal coastal stretching of partially the that the Reserves Act act was future environments Act towards more Of. to blame managers who were designed. an act Уď are (1971) the not the for involved t 0 public. precisely met fill needs other misunderstandings the environment, legislation did permit strictly Another negative not The An

park" extend allowed Marine conservation policy could agencies problematic, and implementation "farm conservation ends. adapt (1950)local planning In park" needs. existing is being attempted offshore its Farming Act and the the other involved, appropriate influence outside Marlborough and but with the legislation case O f Fisheries initiative Instead, defensive conservation legislation off combined (1971)study areas, a national park. The Sounds SPM Act combination and emerge. cooperation of conservation legislation to legislation park boundaries (1908) to used to frameworks statutory Maritime no from attempt Provisions 0f achieve has a company, owned create a "marine In both cases, planning mechanisms Park the for the SPM proven Harbours initiative various initiative in Board of the made ש defensive Act

conservation Planning manner. "Estuarine this application of zoning Act Zoning Park" at the (1977) have been used annulled. provisions Ahuriri Estuary; of powers could have the for Town however, objections initiative and Country the

protection of Of. be Sounds, 6 augment initiative conservation arrangements such appropriate In places, the use and a combination has p the trevally outside similar approach to human and resource needs. of. been defensive has exhibited the Poor been proposed conservation in the Knights The appears Marlborough for measures success Marine ξO

workable Bay of Mimiwhangata Peninsula. legislative consistent initiative case major NZ the its studies. Maritime would powers under the Reserves Act Islands Board. impediment approach əd assurance Park Boards Maritime suitable Uncertainty The Marlborough Sounds to the conservation policies 0 fi and encouragement þ protection had Legislation continued Historic over യ prominent the (1977), without of waters future Park Board continuation for maritime for Board עם role proven in the execution for the has off uŢ has developed Of. three parks Park been

the areas studied was types central Most of H tenure 0f government the the did, Marlborough land in "crown" ownership, however, and on behalf a11 Sounds, of complicate of the the water where that public. issues private Ħ s T the held by ri Ti lands conservation Other most

boundaries prudence Similarly, careful interspersed with those interests to maintain rapport who in executing policies the Abel Tasman National Park own coastal parcels of along park lands, with initiative with landholders, the that Park land within park demand the conservation Board Board has Vď has cooperation supporting been exercised policies

public conservation goals difficult interest cooperation private extent interest, the considered, At Mimiwhangata, than ownership its public, landholder. tenure appears the to convince of the SPM control of arrangements over company the may yet this option may as coastal lands that ρ become ţo public body seaward. be less certain park board, be involved was required the For gaining more the protection proponent scarce. sincerity (a While the involvement areas acceptance Park than those wholly increasingly have the 0 f are including Board) Of H conservation was public unalienated 0f conservation to enlist the before Generally 0f land was public a private more 1. T owned from the could

Many part the struggle major estuary 0 f coastal Although tenure locations. government reason ţ estuaries bed was owned by a protect the Ahuriri areas for the suitable departments Conservation SPA like apparent not the for מ Ahuriri, high profile holding local body may have lack Estuary, the initiative arrangements 0f will conservation interest conservation, fall issue for fact 9 them will Ä, that H. been mandates

mandate. may have H and Mimiwhangata provisions for initiative likely such local þe situations, ţo bodies with rights complicated be 6 initiated coordinate then Уd by an agency the steps such as conservation prove public of tenure. involvement and with a private those 0f If private conservation taken at unacceptable planning interests interests

initiative public ownership, Survey the responsibility because less "Queen's At have the encumbered the conservation purposes ensured central national Chain" for and coastal waters Ьy government has provision and the that scale, thus tenure much ST coastal constraints more coastal and accessible administrative conservation land public Coastal Reserves than remains land. elsewhere, 'n NZ Also

and only their interface, administrative Designation Associated area marine the be Legal spanning policies achieved regulation and ecosystems, unless arrangements for the establishment of administration 0f the carefully. for bodies. with the participation joint land-sea interface 0f the recreational management terrestrial This could ŋ. similarly the О Н administrators and uses present interacting were marine complicated. which of two discussed difficulties traverse reserve or more coordinate þ conservation above can the

ZZ conservation generally. Complicated administrative are Because symptomatic the jurisdictions of arrangements coastal administration 0f most for coastal government

action to situation has government agencies coastal zone seaward. faced by hold boundary lying on one agencies management. responsibilities the involved protect Αt Park Board in its attempt at probably the Abel Tasman contributed the Ahuriri Estuary, H. The and land estuary. side for various been a dominant involvement of three at 0 H of least two water the aspects foreshore, ω management complex local to extend control factor ç 0f the bodies central jurisdictional coastal many ri. end difficulties delaying n L agencies at

and administration aids Marine political acceptable Board helped the Board to devise In the issue the in matter comprised Another development Marlborough Sounds, gaining Park repercussions to local residents. of proposal. aspect local the local public's mainly and resolution for in the interpretation of of administration that representation of. halted progress Direct outside local membership local policies interests In Northland, confidence 9 representation in some management on that case the became involved, influenced no community in conservation when Mimiwhangata the studies was were bodies needs

aid 6 projects planning exercises, their coordination Initiative understanding achievement and regional conservation agencies among Of. and participation in ad hoc research of social planning initiative coastal priorities agencies activity. conservation objectives can S D through management also well, These enhance processes contributing

public regional planning reserves regional management policies 8 statutory conservation values similar bordering the image. Maritime the planning is especially important are planning opportunity. regional planning could, Marlborough Sounds, impacts linear Planning Committee can also strengthen p. and/or disjointed that were on many not widely would affect Recognition of considered fronts. instituted Park Board membership ä meant 'n. coastal a conservation agency's and are some the Participation reserves that where coastal in NZ, places, design of thus exposed reserves initiative provide

to public, made research prompt management management was able reserve distribute same Park Partially action but areas, purpose tο reports Board plan plan the express ţ these the because of private interest concerned was for for Abel Tasman National Park did not intentions if they had been made produced achieve Marlborough documents the Park. policy goals the for Mimiwhangata could its clear to goals, involvement Sounds Statement and the but ideals without Maritime Park Board available public. the Ħ, 0 fi plan goals in planning outside not obliged at ţ have Plans least served ensure and

two report misunderstandings Northland cases until and audit procedures were volatile plans 9 level reports μf in these places were provided similar formal environmental undertaken. studies may not ţ had the been have public impact Conflicts conducted reached r.

the Napier at the earlier. which representation "environmental legal provided report had District Scheme. Ahuriri obligation might have of. intended to produce never completed this any Conservation a base for policies of various report" formal guidelines, Estuary prompted groups interests An ad Although this report was a management plan based prompted wishing the hoc project. later expressed it did facilitate steering committee in production the to resolve some estuary, In this case, results of. conflicts produced and

may to pre-set planning the arrangements controversy the make agency be very public partially policies processes gradual evolution of surrounding may Tasman National Park than do responses draw in a broader (as responsible and incremental at Mimiwhangata). relatively policy to for issues issues execution. quick the low and implementation of range more and policy response the decisions comprehensible of participants levels Marlborough Extended based Sounds 9

may Agriculture designation Coastal conservation the be broader coherence Αt more implementation of the Reserves and Fisheries 0 f national level, conducive scope Of terrestrial is so coastal marine Survey has Of f far the to the Marine new marine lacking implementation has not exerted comparable reserves lent Lands and areas. with some Reserves around NZ's reserves rationale regards Survey Department's 9 The Ministry þ Act legislation systematic ç coast. to the (1977)the effort

basis, Ħ. and when the Bill ր. Մ passed γţ parliament

here policies the time they framework being clearly than could a broader in relation to local resource limited utility and demonstrate does horizon tested Overview. and interests reflected in the for coastal initiative sample indicate would be in the case studies; the the 0f Although the certain limitations administrative impact adequacy necessary 0f scale examination. the Of case and community needs more to conservation. institutional arrangements arrangements accurately evaluate studies yet observation of and legal alternatives, in NZ's issues represent only analysed currently institutional A longer

Off bodies Maritime Park and Abel ij 0 f coastal for 0f provisions. offshore obvious maritime part coastal extremely D Legal wide have first enabling waters. to the lack of range lands have diversified over the years, and administrative mechanisms for the only recently become involved in the areas limited, In O H contrast, marine Even character, reserve types legislation. Tasman National for obvious need for the protection of even coastal conservation areas with a decade such and flexible management reserve 25 after This could be Park, the designations Marlborough the administrative passage management conservation allowing related Sounds

jsút through the come The recreational ç increase be appreciated 0f value sport 0 H in diving. the its marine underwater MOM environment עם few marine dimension has

the mechanisms will have uses eventually have fluid F. qualities protected areas conventional enacted, case, such as environment are to those to minimize impacts on the protected areas. rather being then fishing approaches to be devised conserved on land will than the 0f If are the to be more viability the current Marine Reserves simply to complement terrestrial đ sea. for ť bе for the three-dimensional initiative conservation may be tested. their continued, 0f adaptable If extractive a range special than regulatory of Alternatives biophysical reserve recreational S. resource usually Bill types

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## Acknowledgements

the The editing Peter Bali, Lands submitted material Department Expenses and Indonesia Holland, and ç Survey revisions. the H for also Dr this (Gardner, Department Third Garth this provided paper World work Cant 1982(a), appeared were through and National field met Dan 1982(b)). assistance. nt n þ Moore þу Parks research background the New assisted Congress grant Professor Zealand Much papers H Of

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Figure N Marlborough Sounds Maritime Park

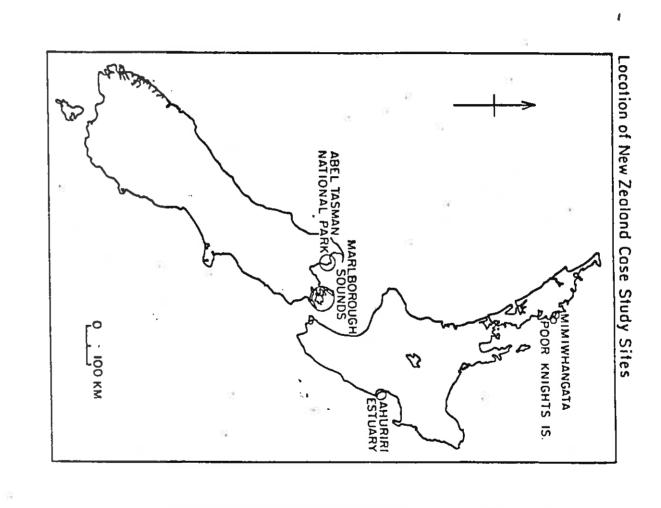
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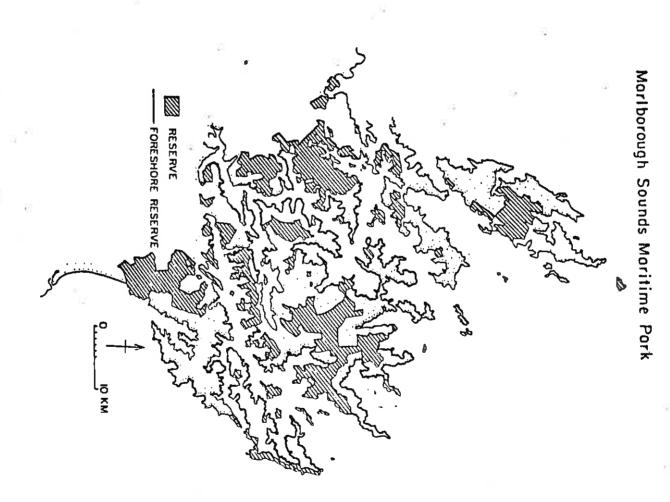
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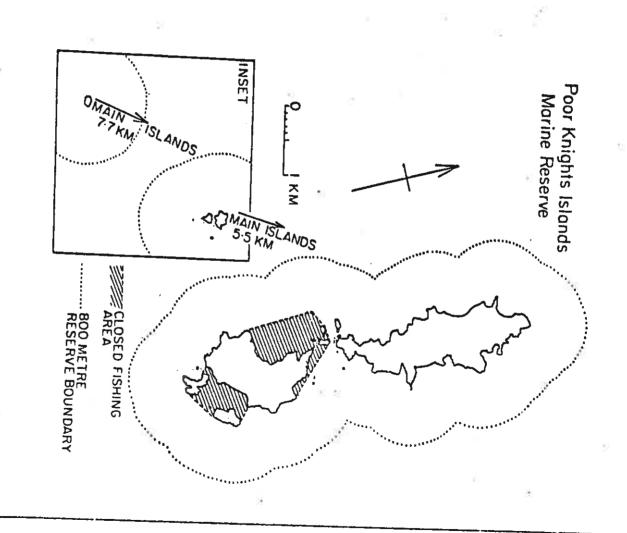
Figure 5 Ahuriri Estuarine Park

Figure 6 Abel Tasman National Park

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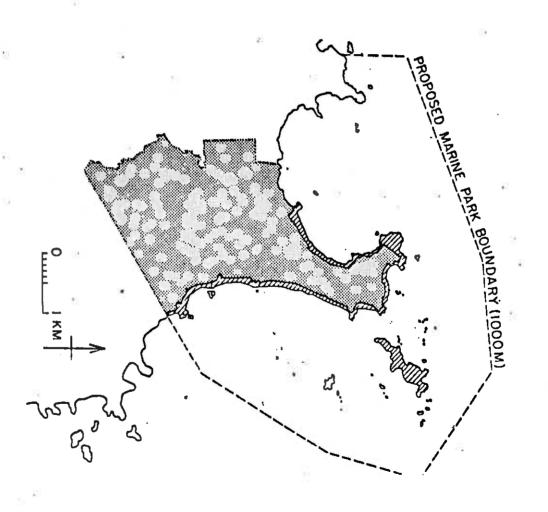




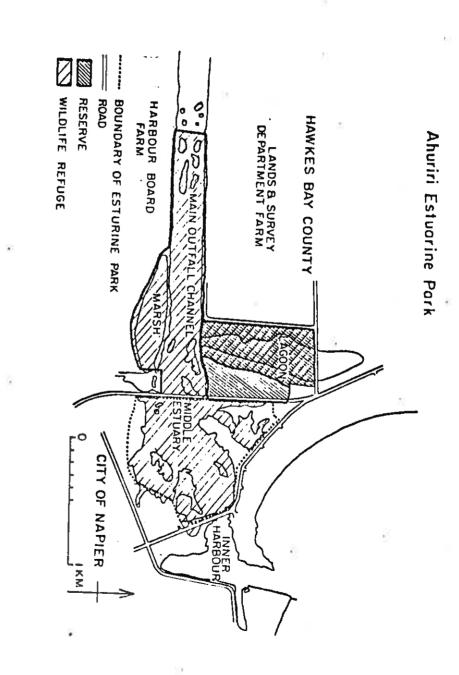
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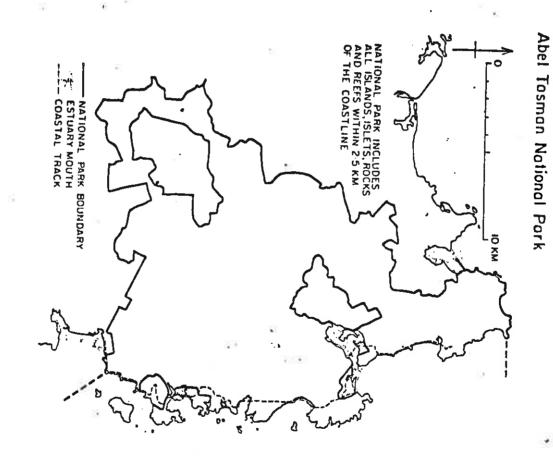


Table 1: Institutional Arrangements for Coastal Conservation in Five New Zealand Examples

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How does thus six proposed? Your

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INSTITUTIONAL ARRANGEMENTS FOR COASTAL CONSERVATION IN NZ

I have attached a copy of a paper entitled "Institutional Arrangements for Coastal Conservation in NZ" written by Ms Julie Gardiner of the Geography Department, University Canterbury. entitled "Institutional ion in NZ" written by of

the coastal contract department paper was to develop an aid conservation lands; and arose and Canterbury from a 1980 research contract drawn up between terbury University. The goal of this and to national management to:-O H

- (i) contrasting different arrangements for coas produce ש method for coastal conservation describing, comparing t sets of policies and and institutional
- (ii)produce guidelines for the investigation of potentially requiring conservation measures facilitate the selection of the appropriate ion measures appropriate areas that will measure(s)
- identify identify conflicts and conservation agencies shortcomings in institutional arrangements d lack of coordination among concerned with the coast, and for

and lack of

coastal conservation land management.

(iii)

N S The Gardiner's the thesis. final report will be in the form Of f

any comments on a Could you any points peruse this you consider forward worthy of the offi mention.

S & Back

for D S Bayley Director-General