

# Government Services Strengthening in Border Areas and Outer Islands of Indonesia (Sub District Expansion Studies at Anambas Island Regency in Riau Island Province)

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## Abstract

District is formed at the Regency/Municipality with regional regulation reference to the Government Regulation. District of expansion formation can be 1(one) districts into 2 (two) districts or more and/or union territory of the rural village and/or urban villages from several districts Formation district must qualify administrative , technical , and physical territorial government of Regency and Municipality may establish districts in the region that includes one or more islands, the requirements are exempt from the requirements of administrative , technical , and physical territorial with consideration to the effectiveness of service and community development in remote islands and/or outer and Formation subdistrict must first get approval from the governor as a representative of the Government

**Keywords:** Local Government, Development of Organization and Public Services

## 1. Introduction

Developing aspiration that requires region developing and structuring in Riau Islands Province particularly in the developing and structuring of Anambas Island regency should receive a response from various parties, especially from the ranks of Parliament as representatives of the people and local government. This is in line with the explanation of the law No. 32 of 2004 that the implementation of regional autonomy should always be oriented to the improvement of public welfare with regard to the interests and aspirations that always growing in the community, especially opening the Anambas Island region isolation as a legal public entity, a business unit of economic, environmental, cultural, environmental unit, and as a politics subsystem of the Riau Islands province.

The Problems are whether this arises aspiration will ensure an improving public services and the welfare of the entire community in Anambas Island Regency and surrounding areas. For this purpose first need to do an assessment of the potential and problems that are exist in the province of Riau Islands Particularly in Anambas Island Regency, as well as explore the aspirations of the people.

In order to bring the government service organization to the public, it is also possible done sub districts expansion. Sub-district Expansion planned in Anambas Island regency includes three (3) sub-districts namely; South Anambas Islands sub district, North Anambas Islands sub district and Mentarang Sub district. The expansion is done with the main purpose to bring services to the community, improving peace and order, accelerate the development potential and create new growth areas interrelated with the aim of accelerating the improvement of public welfare. In addition to the sub-district electoral expansion is based on area, population, and potential.

The initial area potential survey illustrates that the development in those three sub districts are not evenly distributed, especially in the particular area which has orbitasi relatively far from the center of the sub district government and also due to lack of transportation (affordability). Government services have not touched the community to remote work areas, especially between one village with another, and there are still many untapped potential optimally resulting in community service and development gaps in certain parts in the work of the sub-region. Demographic and geographic circumstances difficulties between villages, especially the condition of the road access to the center of the sub district capital, it is necessary to take the sub district expansion policy with the hope that the control range is getting smaller and closer to the region community /residents are able to provide optimal service to the community.

To answer this problem, alternative policy options that can be taken are to conduct sub-district expansion in the working area of south Anambas islands sub-district, North Anambas islands sub-district and Mentarang sub-district. To answer this problem, alternative policy options that can be taken is to strengthen the sub-district and sub-district expansion on the government work areas of the sub-district to see the potential in sub-districts and devolving authority from regents to the sub-district accompanied by personnel, equipment, financing, and documentation (P3D).

Through the establishment of a new sub-district, it is certain range of government control will be smaller and service institutions to be closer to the community. The formation of a new sub-district is expected to have a positive impact on the increase and distribution of development particularly in creating a new access

economic growth and improve the quality of public services.

In connection with the above, it is necessary to do immediate potential assessment of the sub-district working areas and villages in order to measure and evaluate the potential of the variables or criteria area which reliably to determine whether or not carried out sub-district expansion at Anambas island regency in Riau Islands Province.

## 2. Problem Formulation

In the context of sub-district expansion in Anambas Island Regency, the problems encountered can be formulated as follows:

1. How is the picture of sub-district ability level in Anambas Island Regency in driving the success of democratization, development and public services;
2. How is the picture of people's aspirations about the sub-district expansion plan;
3. What kind of government services availability that has been given to the public;
4. What is the level of service quality rendered to the public government;

Correspondingly, the research problem can be limited by the focus of research in the form of measurement and assessment of 21 (twenty one) sub-districts potential research variables that considered to meet the requirements of sub-district expansion including demographics, orbitrasi, education, health, religious, sports facilities, transportation, communication, public lighting, political, security and order, agriculture, fisheries, livestock, forestry, mining, labor, social, cultural, economic community, community social conditions and government aspect, while the locus of this research is on the whole village at 3 (three) sub-districts in Anambas Island regency, namely; South Anambas island sub-District, North Anambas Islands sub-district, and Mentarang Sub-district.

## 3. Idea Framework

Malinau Regency structure and development research will be divided in stages according to the following framework:

### 3.1. *Development and structuring at the Village (Village Expansion)*

The measurements results noticed a major factor that consists of the accumulation of population and number of households and the number of factors that support a certain score on the level of potential that is **the basis for the assessment** of whether a village **feasible** or not to be expansion. Assessment of potential skill level in order to sub-district expansion is an assessment of the **main village** potential and **village formation plan**. **Assessment results** can be categorized into three (3) levels of assessment, namely; **pass / feasible**, **conditional pass / worthy enough** and **not a pass / not feasible**. The assessment results of **recommendations policy** are as follows:

1. If the main village and the village expansion candidates eligible under the main factor and pass / feasible according to the supporting factors, the choice of the actions taken are **proposed splitting the villages or the establishment of new villages**;
2. If the main village and the village expansion candidates eligible under the main factor and pass / worthy enough or do not pass / do not qualify according to the supporting factors, the choice of the actions taken are **proposed splitting the villages or the establishment of new villages**, followed by the potential development towards pass / feasible in a certain manner of term;
3. If one of the main village and the village expansion candidates not eligible under the main factor and pass /feasible, conditional pass/ worthy enough or do not pass / do not qualify according to the supporting factors, so **it cannot be proposed for splitting the villages or the establishment of new villages**.

Above conditions are also similar to the village administration that the village can be expanded more than one to qualify as regulated in Government Regulation No. 72 of 2005 on the village.

### 3.2. *The Development and Arrangement of Sub-District (Sub-District Expansion)*

The measurement result is **the number of a certain score** on the potential skill level that is the **assessment basis** of whether a sub-district **feasible or not** to be expand. Assessment of potential skill level in order of sub-district expansion is an assessment **of the main sub-district and the sub -district expansion plan** potential. The results of **potential assessment** can be categorized into three (3) levels of assessment, namely high, moderate, and low.

The assessment results that are **policy recommendations** are as follows:

1. If the main sub-districts and to be formed sub-districts has a **high potential**, then the choice of the actions taken are proposed the sub-district expansion;
2. If the main sub-districts and to be formed sub-districts has a **moderate potential**, then the choice of the actions taken are doing the expansion, **followed by long terms potential development within a certain time period for example at least 3 or 5 years to be evaluated**. If it does not meet the requirements in time, it can be proposed to be merged back with the main sub-district;

3. If the two units of government or one unit of government has **low** potential, then the choice of the actions taken are delaying the sub-district expansion. For low potential sub-districts suggested providing **potential development towards to the moderate category and after the potential is moderate held up a decent potential development until it worthy to held a sub-district expansion**. However, if the sub-district potential is very low, the sub-district expansion can not be done.

In addition, the sub-districts formation also must pay attention to the growing aspirations of the people. If the survey results showed more than 50% people want the establishment of a new sub-district, the expansion can be done. Likewise, if the public services survey results showed more than 50% responded that the public service is bad or low then the sub-district division can be done.

#### 4. The Aim and Purpose of the Research

The results of this research can be **used** as a reference for the Parliament and the Provincial Government of Riau Islands to determine the best option for Development and Territorial Planning in Anambas Island.

The purpose of this study is:

1. To Knowing the region's ability level overview Particularly in Anambas Island in the implementation of regional autonomy;
2. To Knowing the possibility of developing and structuring the entire region in Anambas Island, to do the development and structuring at the Village / Village (Village Expansion / village), and Sub-district (Sub-district expansion).

#### 5. Methodology

This research is a measurement model application and evaluation of **the potential capabilities** that will describe and explained strength level or observed variables influence to the success of governance at the smallest unit and foremost to improve public service delivery, development and democratization. Through this approach can be determined objectively and in-depth level of the village potential in governance through the measurement of the indicators and sub-indicators of a variety variables: demographics, Orbits, Education, Health, Religious, Sports, Transportation, Communications, General lighting, political awareness, internal security, Agriculture, Fisheries, Livestock, Forestry, Mining, Employment, Social cultural, economic community, society social condition, governance aspects.

Based on the identification of the potential ability level, can be composed of various alternatives designs establishment or expansion sub-districts, and can be determined priorities choice for action in order to increase the main sub-district and the expansion sub-district potential. Furthermore, the aspirations of the community leaders, religion, education, women and youth in the sub-district expansion plans, as well as an evaluation of the services provided by the Village Government which includes service quality and services availability in each village.

The region ability assessment analysis unit is the region government at the level of City / districts, sub-districts and villages. The populations in this study are all local government organizations both at district / city in Riau Islands and the entire district, Village / Village and RW / village in Anambas Island which are all saturated so that the sample of this study will be divided into three (3) sub focus of research namely:

1. Research Development and Planning at the Village / Village level: study the possibility of the Village / Village expansion in Anambas Island, the source of the data (samples) are entire neighborhoods (RW) / country which village is possible to be expands.
2. Research Development and Planning at sub-District Level: study the possibility of sub-districts expansion in Anambas Island, the source of the data (sample) is the entire village where the village is possible to be expands.

Operationally variables are limited as follows:

- a. **Demographics**, a general description of the community that can be measured through indicators of population, number of households and the wider region.
- b. **Orbiters**, a reflection of the relocation services level to the community which can be measured through indicators of distance and mileage to the village and sub-district administration center.
- c. **Education** is one of the public basic services elements that can be measured through indicators of population graduated from general education and special education infrastructure through the number of schools, the number of teachers, and the number of students.
- d. **Public health** is a picture of the local community health level that can be measured through indicators of family planning acceptors, number of medical personnel, the number of neighborhood health center infrastructure, and doctor's practices.
- e. **Worship infrastructure** is one of the supporting social and cultural activities, especially in creating religious life and devoted to God Almighty that can be measured through indicators of mosques and other places of worship such as churches, temples and monasteries.

- f. **Sports facilities** is one of the elements supporting community activities, especially in physical fitness activities that can be measured through indicators of a sport facilities such as volleyball, football, badminton, basketball and table tennis.
- g. **Transport infrastructure** is one of the supporting activities of public transportation that can be measured through indicators of four-wheeled vehicles (cars), and a two-wheeler (motorcycle).
- h. **Communication facilities** vital element for the people activities main driving force that can be measured through indicators of TV, radio, telephone and post office / telephone booths and etc.
- i. **General lighting** is a vital element for the people activities main driving force that can be measured through indicators of household electricity and other.
- j. **Political awareness** is a reflection of the socio-political activities of society that can be measured through indicators of the number of voting rights and suffrage users, the number of polling stations and the number of community organizations and political parties.
- k. **Security and public order** is one of the important elements in creating a sense of security in people's lives that can be measured through indicators such as the number of security personnel such as Hansip / Kamra and a guard post / substation.
- l. **Agriculture** is one of the elements supporting community activities that can be measured through indicators of the vast amount of land and agricultural products.
- m. **Fisheries** are one of the elements supporting community activities that can be measured through indicators of the amount of the fishery and fishery pond ownership.
- n. **Ranch**, is one of the elements supporting community activities that can be measured through indicators large number of pet ownership / medium and small / poultry.
- o. **Forestry** is one of the elements supporting community activities that can be measured through indicators of the amount of forest products and forest area
- p. **Mining** is one of the elements supporting community activities that can be measured through indicators of the number of mining and various mining results.
- q. **Employment** is one element in the community development activities that can be measured through indicators of the number of people working, looking for work and not working.
- r. **Social Culture** is an element for the people activities main driving force that can be measured through a number of arts, nursing and the performing arts and tourist attractions.
- s. **Economic Society** is one of the supporting of public economic activities that can be measured through indicators of employment, shopping facilities, and livelihood community.
- t. **Society social conditions** are a picture of social conditions which can be viewed through people with disabilities and lawlessness.
- u. **Government Aspects** is one of the driving pulse of development that can be measured through UN acceptance indicators, the numbers of village officials, BPD, KPD, Village Decision, Village Regulations.

Aspiration of the sub-districts expansion plan, service levels by measuring service quality based on the elements that service procedures, conditions of service, clarity of service personnel, service personnel discipline, responsibility for care workers, care workers ability, speed of service, the justice ministry, the attitude of service personnel, reasonableness of fees, the fit between costs and outcomes, timeliness of service, environmental comfort, and security services and the measurement of the availability of services from the aspects of health care, educational services public facilities services, licensing services and community participation. The Data Processing Techniques in this study:

### 1. Areas Potential Aspects

Qualitative data were analyzed through **content and depth translates** approach a phenomenon of the 21 variables of the study. How to accommodate qualitative analysis is to stimulate a wide range of qualitative answers tendency of respondents to the phenomenon. In this context some of the qualitative data were renovated into quantitative data through *non-parametric process*. While quantitative data is categorized, classified and treated as the basis of **measurement and analysis to provide an explanation and an assessment** of the strengths and weaknesses of the study variables. Category rating based on a **certain scale** and determined according to decent classification o, **decent enough** and not worth for expansion based on a certain representative score. Each category became assessment of the basis action to establish rural / village / sub-district who are new to doing potential utilization. A sub-district that would do the expansion passed / meets the requirements or is able to organize his government if the result of the measurement reaches a score equal to or more than **907**. On that basis, can be specified category assessment of regional capacity, as mentioned in the following table:

**Table  
 Categories and Choices of Action**

NO	VARIABLE	INTERVAL TOTAL SCORE	CHOICE CATEGORIES
1	2	3	4
1	High Potential	$907 \leq TS < 1512$	Worth for expansion
2	Adequate potential	$580 \leq TS < 907$	Decent enough for expansion followed by coaching potential in a given time
3	Low potential	$252 \leq TS < 580$	Not worth for expansion

**2. People's Aspirations Aspect**

People Aspirations in the region government's plan for the sub-district expansion is a very important aspect. People's aspirations aspect includes: the extent to which the public knows sub-districts expansion plans, agreement level, and hope after the change of status, readiness of community participation, the level of agreement of the authority. Analysis of the data used is to calculate the frequency and percentage distribution of respondents.

**3. Aspects of Government Services to the People**

The type of services being assessed are Health, Education, Public Facilities, Licensing and Public Participation. Data were analyzed by calculating the frequency of respondents who chose the alternative answer to the value of 3, 2, 1, the number of respondents, the number of values per item and the average weighted value. The next step is to classify or categorize the value of the item / items considered which shows the ranking position of the item / it. The trick is to compare the values of each item / items considered by the average value of all items as a barrier.

- The average value that is above the average indicates the category of "High", abbreviated to H.
- The average value and lower than the average indicates the category of "Low", abbreviated L.

**4. Quality Service to the People**

To determine the quality of service in the Government offices at district level, sub-district and village / country, researchers tried to use the people satisfaction level through the public satisfaction index analysis (HPI). HPI value is calculated by using the "weighted average value" of each service element. In calculating the index of people's satisfaction with 14 elements studied services, each service element has the same weighting with the following formula:

$$\text{Weighted averages value} = \frac{\text{Total weight}}{\text{Total element}} = \frac{1}{14} = 0,071$$

To obtain service units IKM value used the weighted average value approach by the following formula:

$$\text{IKM} = \frac{\text{total value of element / perception} \times \text{weighted value}}{\text{Total of charging value}}$$

To make easy the IKM rating interpretation namely between 25-100, the results of those assessment above translated using the base 25 with the following formula:

$$\text{IKM service} \times \text{unit 25}$$

**Table  
 Perception Value, IKM Interval, IKM Interval Conversion, Service quality, and service Unit Performance**

No.	IKM Interval Value	IKM Interval Conversion value	Service Quality	service Unit Performance
1.	1,00 – 1,75	25,00 – 43,75	D	Not good
2.	1,76 – 2,50	43,76 – 62,50	C	Less good
3.	2,51 – 3,25	62,51 – 81,25	B	Good
4.	3,26 – 4,00	81,26 – 100,00	A	Very good

Source: Kep. Menpan Number 25, 2004

## 6. Research Result

Based on the description in the previous chapters explanation, it can be drawn some conclusions as follows:

Sub-district expansion in Anambas based on the level of ability or potential of each sub-district using the measurement and assessment of the main variables and variable support. The main variable is based on the normative rules of Government Regulation No. 19 Year 2008 on the Sub-district and elaboration of Government Regulation No. 129 of 2000 on Structuring Autonomous Region which has been amended by Regulation No. 78 of 2007 and Kepmendagri No. 4 of 2000 on the sub-district in the form of variable support as many as 21 (twenty one) research variables namely demographic, orbitrasi, education, health, religious, sports, transportation, communications, public lighting, political awareness, social order, agriculture, fisheries, livestock, forestry, mining, labor, social, cultural, economic societies, society social condition and governance aspects.

A sub-district can be expand if each sub-district that will be formed and the mains sub-district potential are high in the interval ( $907 \leq TS < 1512$ ). Can be expanded **with the proviso** that if each candidate potential in the interval ( $580 \leq TS < 907$ ), and which has failed or refused to expanded if each district only achieve a total score of less than 580.

The assessment and measurement result of the potential, aspirations and service aspects in the Anambas Island sub-district can be explained as follows:

- 1) Sub-district formation should not result a certain territory of the new sub-district becoming will becoming weak or incapable of running the government activities, services and development;
- 2) The difference between the ability of candidates to be formed sub-district and main sub-district should not have sharp gap;
- 3) The balance of real ability and potential of the district that will be formed and mains sub-district must be relatively stable;
- 4) Sub-districts expansion must ensure that there is an increase in public services, democratization and welfare of the community, both on will be formed sub-district and main sub-district.

Results of secondary data processing monograph villages / country in seven (7) sub-districts will be expand in Anambas Island can be presented as follows:

**Tabel**  
**Rangkuman Potensi Wilayah Kecamatan**  
**di Kabupaten Kepulauan Anambas**

NO	REGENCY	SUB-DISTRICT	TOTAL SCORE	INTERVAL SCORE	CATEGORY
1	<b>ANAMBAS</b>	Jemaja	938	$644 \leq TS < 1.008$	Worthy Enough
2		East Jemaja	1.000	$644 \leq TS < 1.008$	Worthy Enough
3		South Siantan	961	$644 \leq TS < 1.008$	Worthy Enough
4		Siantan	1.089	$1.008 \leq TS < 1.680$	Worthy
5		East Siantan	1.019	$1.008 \leq TS < 1.680$	Worthy
6		Center Siantan	929	$644 \leq TS < 1.008$	Cukup Layak
7		Palatak	1.238	$1.008 \leq TS < 1.680$	Worthy
<b>TOTAL</b>			<b>7.174</b>		
<b>AVERAGES</b>			<b>1.025</b>		
<b>TOTAL SCORE MINIMUM</b>			<b>929</b>		
<b>TOTAL SCORE MAXIMUM</b>			<b>1.238</b>		

Sources : Data Processing

Based on the above table, there are 3 sub-districts in the category worth to be expanding ie Siantan sub-district, East Siantan, and Palatak. While the potential of the districts in the category worthy enough to be expanding there are 4 districts, namely Jemaja, Jemaja East, South Siantan, and Central Siantan. Sub-district that has the minimum score of 929 is Center Siantan Sub-district. Sub-district of which has a maximum value of 1238 is Palatak subdistricts. The potential differences between the largest sub-district and the smallest sub-district are as big as 309 or 33% of the smallest sub-district area.

**Table**  
**The Anambas Island Sub-District Areas Potential Comparison**

NO	SUB-DISTRICT	VILLAGE	TOTAL SCORE	DIFFERENCE	PERCENTAGE	SUB-DISTRICT NOMINATIVE TOTAL
1	Jemaja	9	938	9	1	1
2	East Jemaja	4	1000	71	8	1
3	South Siantan	7	961	32	3	1
4	Siantan	7	1089	160	17	2
5	East Siantan	6	1019	90	10	2
6	Center Siantan	6	929	0	0	1
7	Palmatak	15	1238	309	33	2
<b>Total Expansion</b>						<b>10</b>

Sources : Data Processing

Districts that have the equal potential to or greater than the potential of the smallest sub-district area by 30%, it can be said the sub-district has a great potential to be expanded. Based on the table obtained results the number of sub- districts that have as many as 7 (seven) sub-districts into 10 (ten) sub-districts nominative when expanded. Sub-district available and potentially better to be expanded is Siantan, East Siantan, Palmatak. From 3 (three) eligible expand sub-district each are formed main sub-district and expanded sub-district, so that the total number of eligible sub-district expanded from 7 become 10 sub-districts.

**Table**  
**Village Potential of Anambas Island Regency**

N O	SUB-DISTRICT	VILLAGE	TOTAL SCORE	INTERVAL SCORE	CATEGORIES
1	Jemaja	Letung	1.316	$1.008 \leq TS < 1.680$	Worthy
2		Mampok	1.117	$1.008 \leq TS < 1.680$	Worthy
3		Rewak	1.217	$1.008 \leq TS < 1.680$	Worthy
4		Keramut	1.030	$1.008 \leq TS < 1.680$	Worthy
5		Impol	1.063	$1.008 \leq TS < 1.680$	Worthy
6		Air Biru	672	$644 \leq TS < 1.008$	Worthy Enough
7		Sunggak	1.105	$1.008 \leq TS < 1.680$	Worthy
8		Batu Berapit	706	$644 \leq TS < 1.008$	Worthy Enough
9		Landak	734	$644 \leq TS < 1.008$	Worthy Enough
10	Jemaja Timur	Ulu Maras	1.193	$1.008 \leq TS < 1.680$	Worthy
11		Kuala Maras	1.172	$1.008 \leq TS < 1.680$	Worthy
12		Bukit Padi	990	$644 \leq TS < 1.008$	Worthy Enough
13		Genting Pulur	1.016	$1.008 \leq TS < 1.680$	Worthy
14	Siantan Selatan	Kiabu	820	$644 \leq TS < 1.008$	Worthy Enough
15		Telaga	960	$644 \leq TS < 1.008$	Worthy Enough
16		Mengkait	1.137	$1.008 \leq TS < 1.680$	Worthy
17		Tiangau	1.312	$1.008 \leq TS < 1.680$	Worthy
18		Telaga Kecil	1.020	$1.008 \leq TS < 1.680$	Worthy
19		Lingai	849	$644 \leq TS < 1.008$	Cuk Enough
20		Air Bini	1.110	$1.008 \leq TS < 1.680$	Worthy
21		Tarempa Barat	1.200	$1.008 \leq TS < 1.680$	Worthy
22	Kelurahan Tarempa	1.333	$1.008 \leq TS < 1.680$	Worthy	
23	Siantan	Tarempa Timur	955	$644 \leq TS < 1.008$	Worthy Enough
24		Tarempa Selatan	964	$644 \leq TS < 1.008$	Worthy Enough
25		Pesisir Timur	985	$644 \leq TS < 1.008$	Worthy Enough
26		Sri Tanjung	782	$644 \leq TS < 1.008$	Worthy Enough
27		Tarempa Barat Daya	810	$644 \leq TS < 1.008$	Worthy Enough
28		Siantan Timur	Nyamuk	1.167	$1.008 \leq TS < 1.680$
29	Batu Belah		1.050	$1.008 \leq TS < 1.680$	Worthy
30	Munjan		1.183	$1.008 \leq TS < 1.680$	Worthy

N O	SUB-DISTRICT	VILLAGE	TOTAL SCORE	INTERVAL SCORE	CATEGORIES
31		Serat	981	$644 \leq TS < 1.008$	Worthy Enough
32		Air Putih	936	$644 \leq TS < 1.008$	Worthy Enough
33		Temburun	836	$644 \leq TS < 1.008$	Worthy Enough
34	Siantan Tengah	Air Asuk	1.228	$1.008 \leq TS < 1.680$	Worthy
35		Air Sena	1.161	$1.008 \leq TS < 1.680$	Worthy
36		Teluk Siantan	1.147	$1.008 \leq TS < 1.680$	Worthy
37		Lidi	926	$1.008 \leq TS < 1.680$	Worthy Enough
38		Liuk	858	$1.008 \leq TS < 1.680$	Worthy Enough
39		Teluk Sunting	794	$1.008 \leq TS < 1.680$	Worthy Enough
40	Palmatak	Tebang	1.185	$1.008 \leq TS < 1.680$	Worthy
41		Ladan	1.010	$1.008 \leq TS < 1.680$	Worthy
42		Mubur	1.056	$1.008 \leq TS < 1.680$	Worthy
43		Payalaman	1.136	$1.008 \leq TS < 1.680$	Worthy
44		Putik	1.066	$1.008 \leq TS < 1.680$	Worthy
45		Bayat	964	$644 \leq TS < 1.008$	Worthy Enough
46		Piabung	1.089	$1.008 \leq TS < 1.680$	Worthy
47		Langir	818	$644 \leq TS < 1.008$	Worthy Enough
48		Candi	956	$644 \leq TS < 1.008$	Worthy Enough
49		Teluk Bayur	958	$644 \leq TS < 1.008$	Worthy Enough
50		Matak	861	$644 \leq TS < 1.008$	Worthy Enough
51		Batu Ampar	828	$644 \leq TS < 1.008$	Worthy Enough
52		Payamaram	991	$644 \leq TS < 1.008$	Worthy Enough
53		Piasan	1.101	$1.008 \leq TS < 1.680$	Worthy
54	Belibak	727	$644 \leq TS < 1.008$	Worthy Enough	

Sources : Data Processing

Based on the analysis above, obtained the village mapping in Anambas Island where there are 28 (twenty eight) village in the category worth to expand and 26 (twenty-six) in the category of worthy enough expanded, more mapping results are listed in the following table:

**Table**  
**Village Mapping in Anambas Island Regency**

Sub-district	Mapping	Averages Score				difference	difference	difference
		Old Sub-district 1	New Sub-district 1	New Sub-district 2	New Sub-district 3			
Jemaja	Scenario 1	1.217,00	885			332		
	Scenario 2	960	1.066			(106)		
	Scenario 3	952,75	1.029,80			(77)		
	Scenario 4	1.089,00	1.066,00	832		23	257	
East Jemaja	Scenario 1	1.105	1.081			24		
Siantan Selatan	Scenario 1	1.186	912			274		
	Scenario 2	1.090	984			106		
	Scenario 3	1.211	957			254		
Siantan	Scenario 1	1.267	899			367		
East Siantan	Scenario 1	1.095	886			209		
Center Siantar	Scenario 1	1.116	826			290		
Palmatak	Scenario 1	917	1.083			(166)		
	Scenario 2	964	1.005			(41)		
	Scenario 3	969	1.040			(72)		
	Scenario 4	1.040	969			72		
	Scenario 5	1.006	1.040	932		(54)	74	
	Scenario 6	974	1.040	943	989	(66)	31	16
	Scenario 7	1.040	907	1.010	989	133	30	51
	Scenario 8	974	1.040	943	989	(66)	31	(15)

Village Potential differences in Anambas Island regency between the largest and the smallest are 661 or



66.1% of the smallest potential villages. Comparison of the village potential in Anambas Island regency among the highest with the lowest potential as follows:

**Table**  
**Village Comparison in Anambas Island Regency**

NO	SUB-DISTRICT	VILLAGE	TOTAL SCORE	DIFFERENCE	%	VILLAGE NOMINATIVE
1	Jemaja	Letung	1.316	644	70	2
2		Mampok	1.117	445	49	2
3		Rewak	1.217	545	60	2
4		Keramut	1.030	358	39	1
5		Impol	1.063	391	43	2
6		Air Biru	672	0	0	1
7		Sunggak	1.105	433	47	2
8		Batu Berapit	706	34	4	1
9		Landak	734	62	7	1
10	East Jemaja	Ulu Maras	1.193	203	21	2
11		Kuala Maras	1.172	182	18	2
12		Bukit Padi	990	0	0	1
13		Genting Pulur	1.016	26	3	1
14	South Siantan	Kiabu	820	0	0	1
15		Telaga	960	140	17	1
16		Mengkait	1.137	317	39	2
17		Tiangau	1.312	492	60	2
18		Telaga Kecil	1.020	200	24	2
19		Lingai	849	29	4	1
20		Air Bini	1.110	290	32	2
21	Siantan	Tarempa Barat	1.200	418	53	2
22		Kel. Tarempa	1.333	551	70	2
23		Tarempa Timur	955	173	22	2
24		Tarempa Selatan	964	182	23	2
25		Pesisir Timur	985	203	26	2
26		Sri Tanjung	782	0	0	1
27		Tarempa Brt.Daya	810	28	4	1
28	East Siantan	Nyamuk	1.167	331	36	2
29		Batu Belah	1.050	214	23	2
30		Munjan	1.183	347	38	2
31		Serat	981	145	16	1
32		Air Putih	936	100	11	1
33		Temburun	836	0	0	1
34	Center Siantan	Air Asuk	1.228	434	55	2
35		Air Sena	1.161	367	46	2
36		Teluk Siantan	1.147	353	44	2
37		Lidi	926	132	17	1
38		Liuk	858	64	8	1
39		Teluk Sunting	794	0	0	1
40	Palmatak	Tebang	1.185	458	63	2
41		Ladan	1.010	283	39	2
42		Mubur	1.056	329	45	2
43		Payalaman	1.136	409	56	2
44		Putik	1.066	339	47	2
45		Bayat	964	237	33	2
46		Piabung	1.089	362	50	2
47		Langir	818	91	13	1
48		Candi	956	229	31	2
49		Teluk Bayur	958	231	32	2
50		Matak	861	134	18	2
51		Batu Ampar	828	101	14	1
52		Payamaram	991	264	36	2
53		Piasan	1.101	374	51	2
54		Belibak	727	0	0	1
<b>Total Expansion</b>						<b>88</b>

Villages in Anambas Island Regency which has the potential equal to or greater than the potential of the

smallest villages by 25%, it can be said that the village has a great potential for expanded. Based on the above table obtained results from a number of villages in the Anambas island regency areas that there were **54 (fifty four) villages to 88 (eighty eight) nominative villages if expanded. Village Mapping scenario in Each Sub-district**

**1. Jemaja Sub-district**

**Scenario 1**

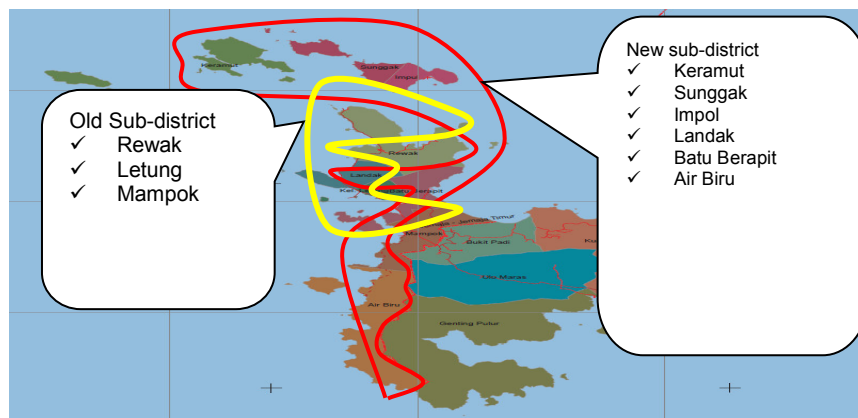
**Village Mapping at Jemaja Sub-district of Anambas Island Regency**

NO	NEW SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE	OLD SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE
1		Keramut	1.030	Jemaja	Rewak	1.217
2		Sunggak	1.105		Letung	1.316
3		Impol	1.063		Mampok	1.117
4		Landak	734			
5		Batu Berapit	706			
6		Air Biru	672			
<b>TOTAL</b>			<b>5.310</b>			<b>3.650</b>
<b>AVERAGES</b>			<b>885</b>			<b>1.217</b>
<b>TOTAL SCORE MINIMUM</b>			<b>672</b>			<b>1.117</b>
<b>TOTAL SCORE MAXIMUM</b>			<b>1.105</b>			<b>1.316</b>

First scenario of villages mapping in the Jemaja sub-district that is old sub-district with nominative village is Rewak, Letung, and Mampok. New sub-district with nominative village is Keramut, Sunggak, Impol, landak, batu Berapit and air biru.

**Map Scenario 1**

**Village Mapping at Jemaja Sub-district of Anambas Island Regency**



**Scenario 2**

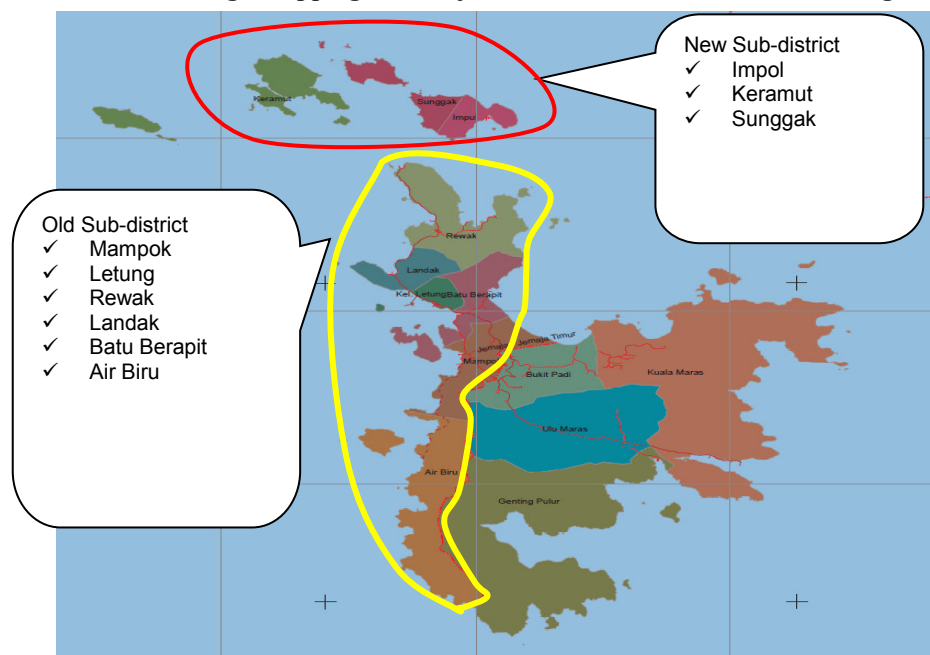
**Village Mapping at Jemaja Sub-district of Anambas Island Regency**

NO	NEW SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE	OLD SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE
1		Impol	1.063	Jemaja	Mampok	1.117
2		Sunggak	1.105		Letung	1.316
3		Keramut	1.030		Rewak	1.217
4					Landak	734
5					Batu Berapit	706
6					Air Biru	672
<b>TOTAL</b>			<b>3.198</b>			<b>5.762</b>
<b>AVERAGES</b>			<b>1.066</b>			<b>960</b>
<b>TOTAL SCORE MINIMUM</b>			<b>1.030</b>			<b>672</b>
<b>TOTAL SCORE MAXIMUM</b>			<b>1.105</b>			<b>1.316</b>

Second Scenario of villages mapping in the Jemaja Sub-district that is old sub-district with nominative village is Mampok, Letung, Rewak, landak, batu Berapit and air biru. New sub-district with nominative village is

Impol, Sunggak, and Keramut with Impol's capital.

**Map Scenario 2**  
**Village Mapping at Jemaja Sub-district of Anambas Island Regency**

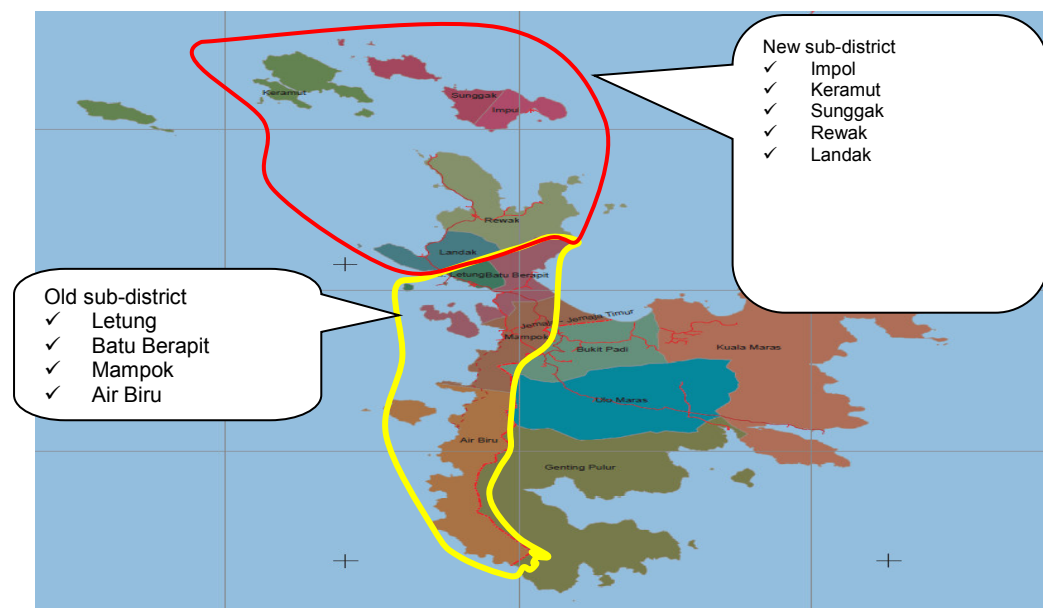


**Scenario 3**  
**Village Mapping at Jemaja Sub-district of Anambas Island Regency**

NO	NEW SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE	OLD SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE
1		Impol	1.063	Jemaja	Letung	1.316
2		Sunggak	1.105		Batu Berapit	706
3		Keramut	1.030		Mampok	1.117
4		Rewak	1.217		Air Biru	672
5		Landak	734			
<b>TOTAL</b>			<b>5.149</b>			<b>3.811</b>
<b>AVERAGES</b>			<b>1.030</b>			<b>953</b>
<b>TOTAL SCORE MINIMUM</b>			<b>734</b>			<b>672</b>
<b>TOTAL SCORE MAXIMUM</b>			<b>1.217</b>			<b>1.316</b>

Jemaja sub-district village mapping in Scenario 3 is the old districts with nominative village is Letung, Batu Berapit, Mampok and Air Bliru. The new sub-district with nominative village is Impol, Sunggak, Keramut, landak and Rewak.

**Map Scenario 3**  
**Village Mapping at Jemaja Sub-district areas of Anambas Island Regency**

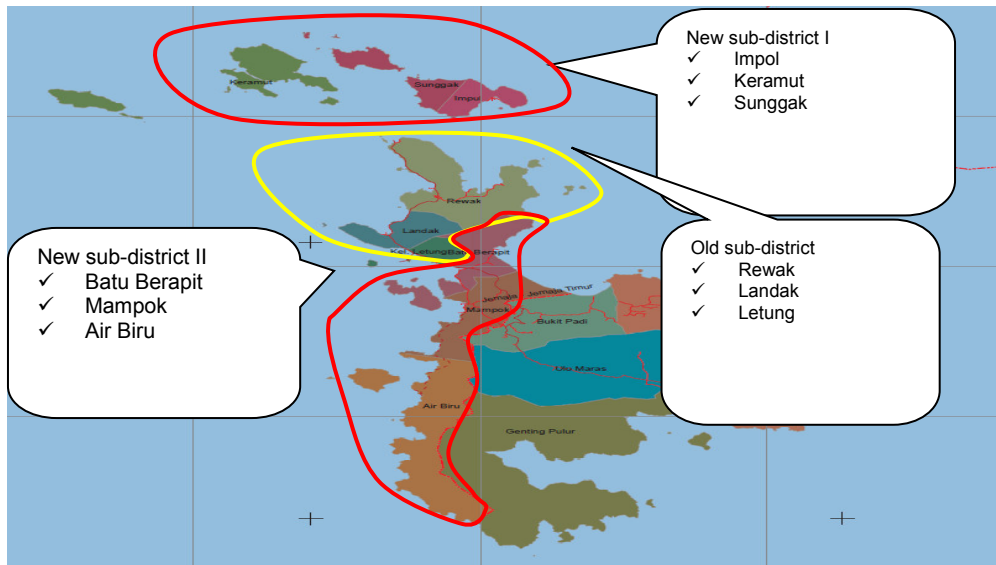


**Scenario 4**  
**Village Mapping at Jemaja Sub-district areas of Anambas Island Regency**

N O	New Subdist ric I	Nominative village	Total score	Old Subdis trict	Nominative village	Total score	New Subdist ric II	Nominative village	Total Score
1		Impol	1.063	Jemaja	Rewak	1.217		Batu Berapit	706
2		Sunggak	1.105		Landak	734		Mampok	1.117
3		Keramut	1.030		Letung	1.316		Air Biru	672
<b>TOTAL</b>			<b>3.198</b>			<b>3.267</b>			<b>2.495</b>
<b>AVERAGES</b>			<b>1.066</b>			<b>1.089</b>			<b>832</b>
<b>TOTAL SCORE MINIMUM</b>			<b>1.030</b>			<b>734</b>			<b>672</b>
<b>TOTAL SCORE MAXIMUM</b>			<b>1.105</b>			<b>1.316</b>			<b>1.117</b>

Jemaja sub-district village mapping in Scenario 4 is the old districts with nominative villages is Rewak, Landak and letung. The first new sub-district with nominative villages is Impol, Sunggak and Keramut with capital impol. The second new sub-district with nominative villages is Batu Berapit, Mampok and Air Biru with capital Batu Berapit.

**Map Scenario 4**  
**Village Mapping at Jemaja Sub-district areas of Anambas Island Regency**



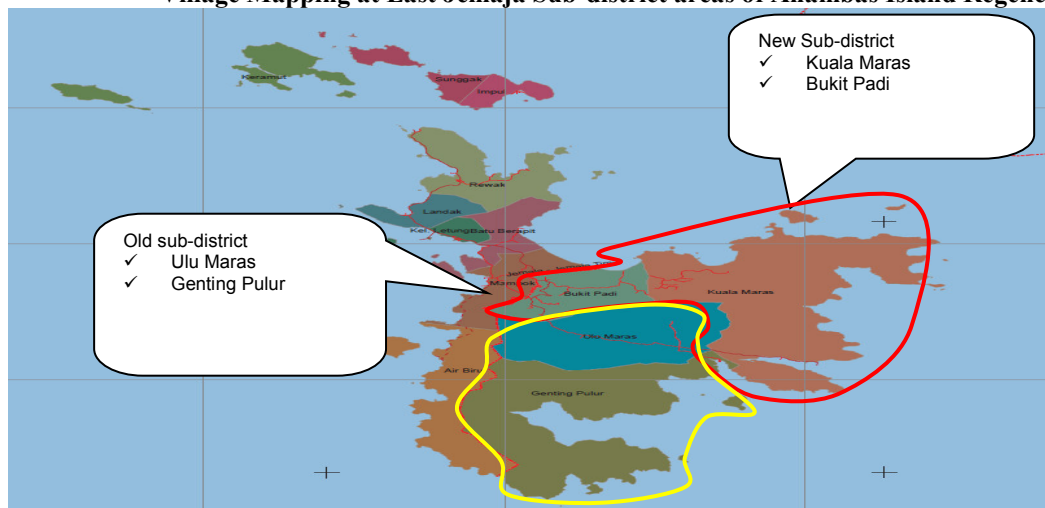
**2. East Jemaja Sub-district**

**Scenario 1**  
**Village Mapping at East Jemaja Sub-district areas of Anambas Island Regency**

NO	NEW SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE	OLD SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE
1		Kuala Maras	1.172	Jemaja Timur	Ulu Maras	1.193
2		Bukit Padi	990		Genting Pulus	1.016
3						
4						
5						
<b>TOTAL</b>			<b>2.162</b>			<b>2.209</b>
<b>AVERAGES</b>			<b>1.081</b>			<b>1.105</b>
<b>TOTAL SCORE MINIMUM</b>			<b>990</b>			<b>1.016</b>
<b>TOTAL SCORE MAXIMUM</b>			<b>1.172</b>			<b>1.193</b>

East Jemaja sub-district villages mapping in scenario 1 that is old sub-district with nominative village is Ulu Maras and Genting Pulus New sub-district with nominative village is Kuala Maras and Bukit Padi.

**Map Scenario 1**  
**Village Mapping at East Jemaja Sub-district areas of Anambas Island Regency**



### 3. South Siantan Sub-district

#### Scenario 1

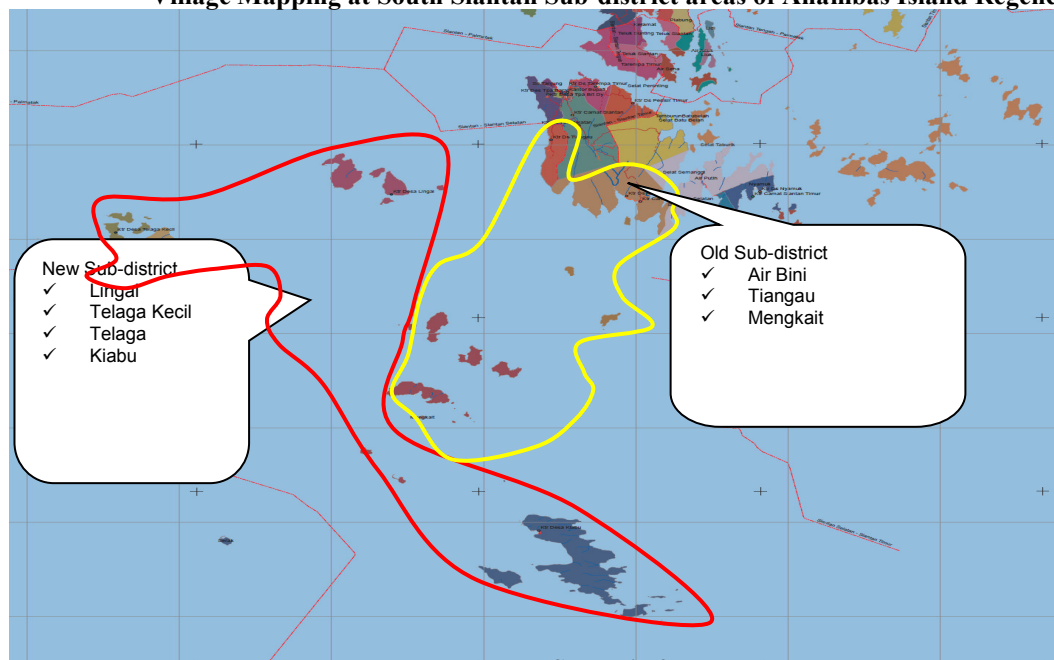
##### Village Mapping at South Siantan Sub-district areas of Anambas Island Regency

NO	NEW SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE	OLD SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE
1		Lingai	849	Siantan Selatan	Air Bini	1.110
2		Telaga Kecil	1.020		Tiangau	1.312
3		Telaga	960		Mengkait	1.137
4		Kiabu	820			
5						
<b>TOTAL</b>			<b>3.649</b>			<b>3.559</b>
<b>AVERAGES</b>			<b>912</b>			<b>1.186</b>
<b>TOTAL SCORE MINIMUM</b>			<b>820</b>			<b>1.110</b>
<b>TOTAL SCORE MAXIMUM</b>			<b>1.020</b>			<b>1.312</b>

South Siantan sub-district villages mapping in scenario 1 that is old sub-district with nominative village is Air Bini, Tiangau and Mengkait. New sub-district with nominative village is Lingai, Telaga Kecil, Telaga and Kaibu with the capital is Kiabu.

#### Map Scenario 1

##### Village Mapping at South Siantan Sub-district areas of Anambas Island Regency



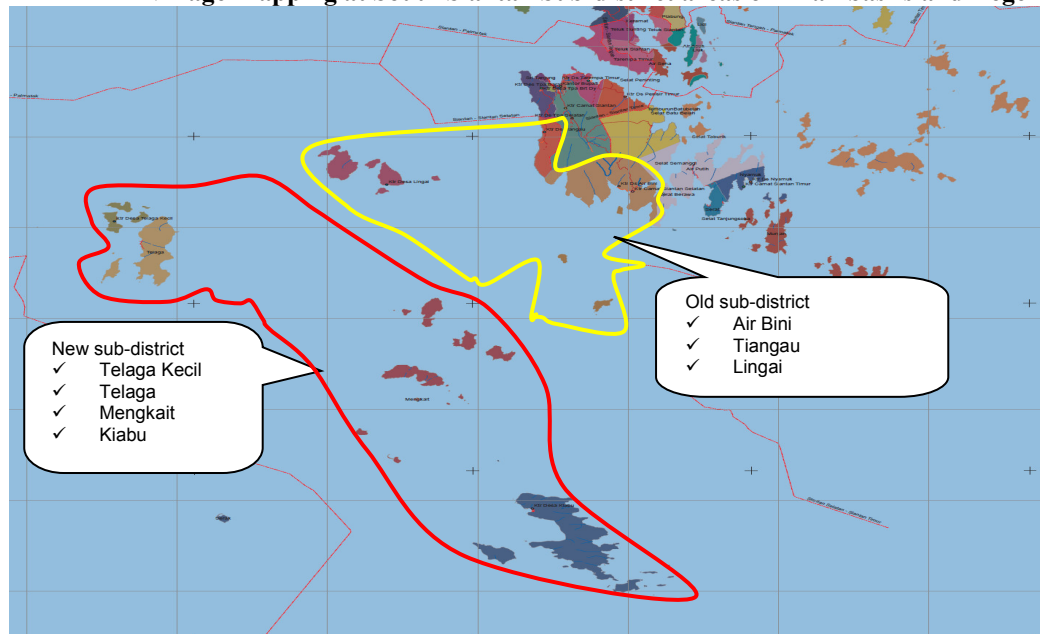
#### Scenario 2

##### Village Mapping at South Siantan Sub-district areas of Anambas Island Regency

NO	NEW SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE	OLD SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE
1		Telaga Kecil	1.020	Siantan Selatan	Air Bini	1.110
2		Telaga	960		Tiangau	1.312
3		Kiabu	820		Lingai	849
4		Mengkait	1.137			
5						
6						
7						
<b>TOTAL</b>			<b>3.937</b>			<b>3.271</b>
<b>AVERAGES</b>			<b>984</b>			<b>1.090</b>
<b>TOTAL SCORE MINIMUM</b>			<b>820</b>			<b>849</b>
<b>TOTAL SCORE MAXIMUM</b>			<b>1.137</b>			<b>1.312</b>

South Siantan sub-district villages mapping in scenario 2 that is old sub-district with nominative village is Air Bini, Tiangau and lingai. New sub-district with nominative village is Telaga Kecil, Telaga, Kaibu Lingai with the capital is Kiabu.

**Map Skenario 2**  
**Village Mapping at South Siantan Sub-district areas of Anambas Island Regency**

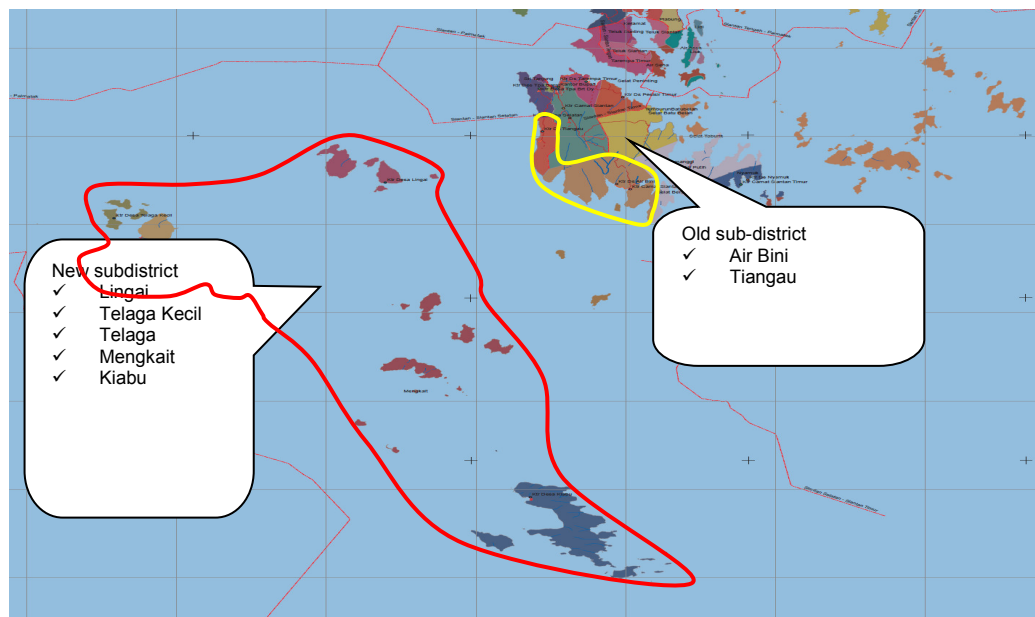


**Scenario 3**  
**Village Mapping at South Siantan Sub-district areas of Anambas Island Regency**

NO	NEW SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE	OLD SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE
1		Lingai	849	Siantan Selatan	Air Bini	1.110
2		Telaga Kecil	1.020		Tiangau	1.312
3		Telaga	960			
4		Mengkait	1.137			
5		Kiabu	820			
6						
7						
<b>TOTAL</b>			<b>4.786</b>			<b>2.422</b>
<b>AVERAGES</b>			<b>957</b>			<b>1.211</b>
<b>TOTAL SCORE MINIMUM</b>			<b>820</b>			<b>1.312</b>
<b>TOTAL SCORE MAXIMUM</b>			<b>1.137</b>			<b>1.312</b>

South Siantan sub-district villages mapping in scenario 3 that is old sub-district with nominative village is Air Bini and Tiangau. New sub-district with nominative village is Lingai, Telaga Kecil, Telaga, mengkait and Kiabu with the capital is Kiabu.

**Map Scenario 3**  
**Village Mapping at South Siantan Sub-district areas of Anambas Island Regency**



**4. Siantan Sub-district**

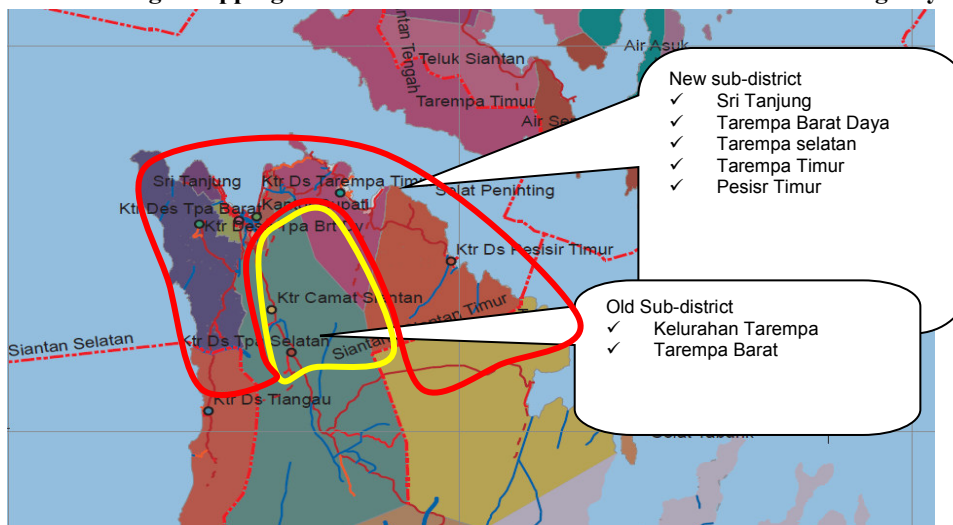
**Scenario 1**  
**Village Mapping at Siantan Sub-district areas of Anambas Island Regency**

NO	NEW SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE	OLD SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE
1		Sri Tanjung	782		Tarempa Barat	1200
2		Tarempa Barat Daya	810		Kelurahan Tarempa	1333
3		Tarempa Selatan	964			
4		Tarempa Timur	955			
5		Pesisir Timur	985			
6						
7						
<b>TOTAL</b>			<b>4.496</b>			<b>2.533</b>
<b>AVERAGES</b>			<b>899</b>			<b>1.267</b>
<b>TOTAL SCORE MINIMUM</b>			<b>782</b>			<b>1.200</b>
<b>TOTAL SCORE MAXIMUM</b>			<b>985</b>			<b>1.333</b>

Siantan sub-district villages mapping in scenario 1 that is old sub-district with nominative village is Tarempa dan Tarempa Barat. New sub-district with nominative village is Sri Tanjung, Tarempa Barat Daya, Tarempa Selatan, Tarempa Timur and Pesisir Timur



**Map Scenario 1**  
**Village Mapping at Siantan Sub-district areas of Anambas Island Regency**



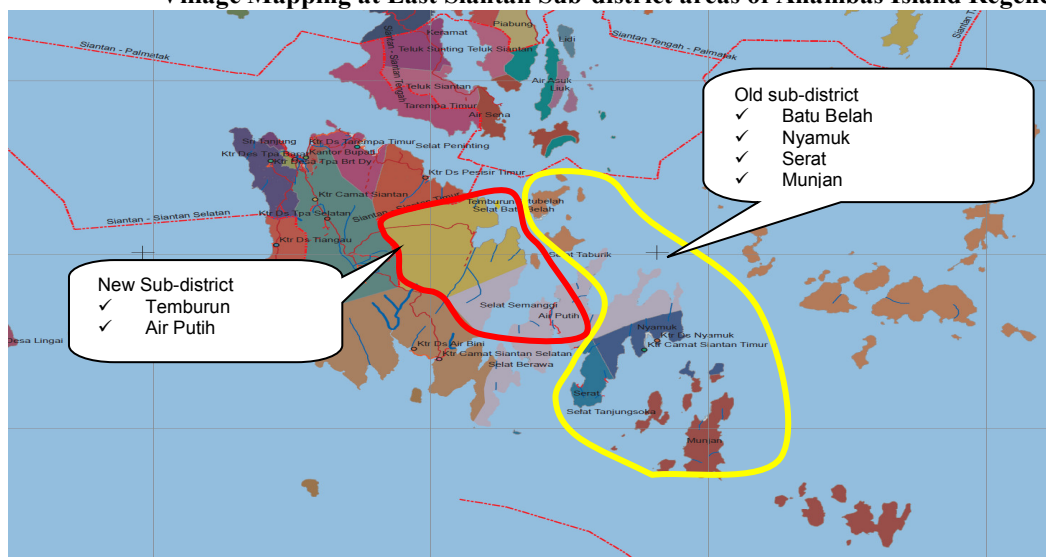
**5. East Siantan Sub-district**

**Scenario 1**  
**Village Mapping at East Siantan Sub-district areas of Anambas Island Regency**

N O	NEW SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE	OLD SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE
1		Air Putih	936	Siantan Timur	Batu Belah	1050
2		Temburun	836		Nyamuk	1167
3					Serat	981
4					Munjan	1183
5						
6						
7						
<b>TOTAL</b>			<b>1.772</b>			<b>4.381</b>
<b>AVERAGES</b>			<b>886</b>			<b>1.095</b>
<b>TOTAL SCORE MINIMUM</b>			<b>836</b>			<b>981</b>
<b>TOTAL SCORE MAXIMUM</b>			<b>936</b>			<b>1.183</b>

East Siantan sub-district villages mapping in scenario 1 that is old sub-district with nominative village is Batu Belah, Nyamuk, Serat dan Munjan. New sub-district with nominative village is Temburun dan Air Putih.

**Map Scenario 1**  
**Village Mapping at East Siantan Sub-district areas of Anambas Island Regency**



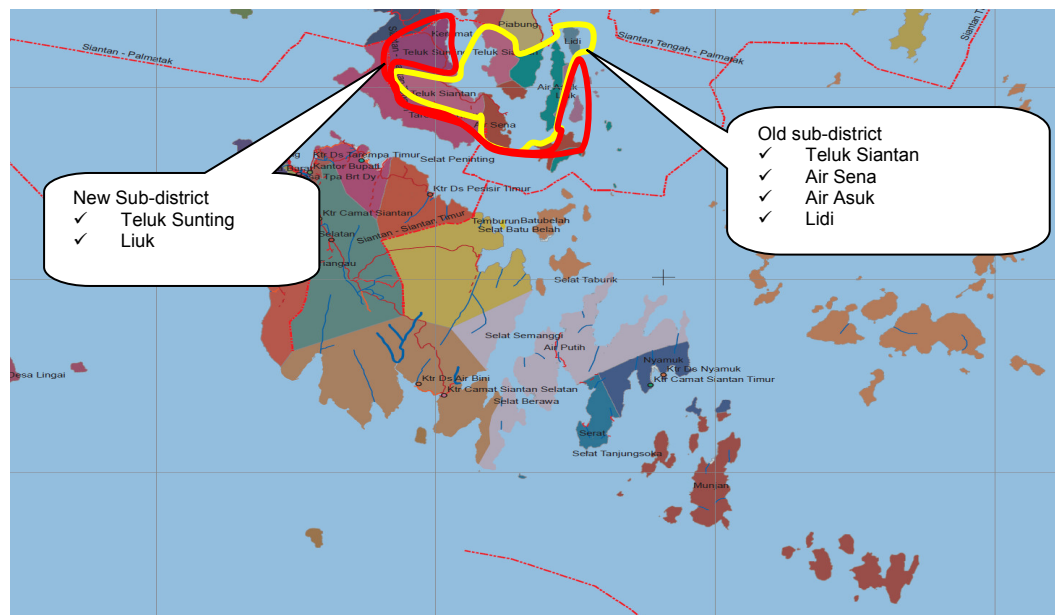
**6. Center Siantan Sub-district**

**Scenario 1**  
**Village Mapping at Center Siantan Sub-district areas of Anambas Island Regency**

NO	NEW SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE	OLD SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE
1		Teluk Sunting	794		Air Asuk	1228
2		Liuk	858		Air Sena	1161
3					Teluk Siantan	1147
4					Lidi	926
5						
6						
<b>TOTAL</b>			<b>1.652</b>			<b>4.462</b>
<b>AVERAGES</b>			<b>826</b>			<b>1.116</b>
<b>TOTAL SCORE MINIMUM</b>			<b>794</b>			<b>926</b>
<b>TOTAL SCORE MAXIMUM</b>			<b>858</b>			<b>1.228</b>

Center Siantan sub-district villages mapping in scenario 1 that is old sub-district with nominative village is Teluk Siantan, Air Sena, Air Asuk and Lidi. New sub-district with nominative village is Teluk Sunting and Liuk

**Map Scenario 1**  
**Village Mapping at Center Siantan Sub-district areas of Anambas Island Regency**



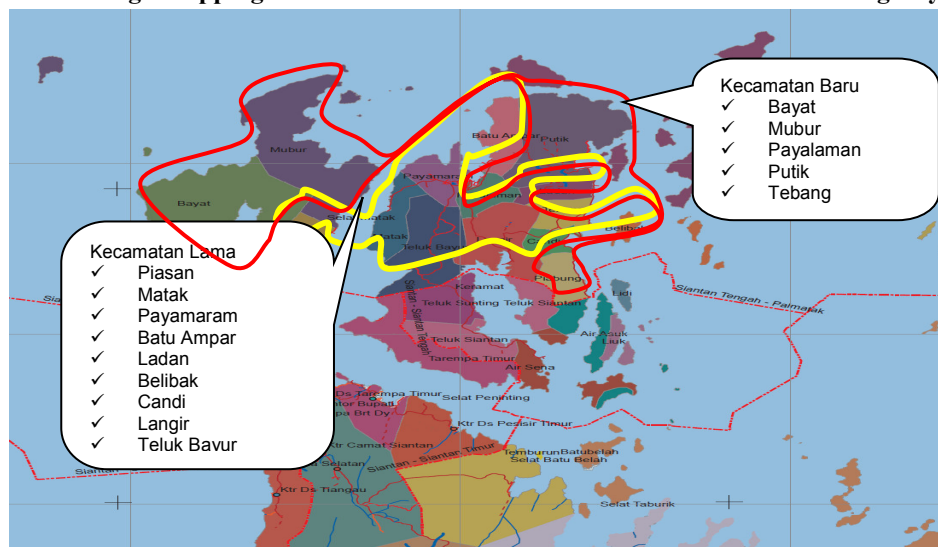
**7. Palmatak Sub-district**

**Scenario 1**  
**Village Mapping at Palmatak Sub-district areas of Anambas Island Regency**

NO	NEW SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE	OLD SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE
1	Palmatak	Piasan	1.101		Bayat	964
2		Matak	861		Mubur	1.056
3		Payamaram	991		Payalaman	1.136
4		Batu Ampar	828		Putik	1.066
5		Ladan	1.010		Tebang	1.185
6		Belibak	727		Piabung	1.089
7		Candi	956			
8		Langir	818			
9		Teluk Bayur	958			
<b>TOTAL</b>			<b>8.250</b>			<b>6.496</b>
<b>AVERAGES</b>			<b>917</b>			<b>1.083</b>
<b>TOTAL SCORE MINIMUM</b>			<b>727</b>			<b>964</b>
<b>TOTAL SCORE MAXIMUM</b>			<b>1.101</b>			<b>1.185</b>

Palmatak sub-district villages mapping in scenario 1 that is old sub-district with nominative village is Piasan, Matak, Payamaram, Batu Ampar, Ladan, Belibak, Candi, Langir and Teluk Bayur. New sub-district with nominative village is Bayat, Mubur, Payalaman, Putik, Tebang, and Piabung with the capital Payalaman.

**Map Scenario 1**  
**Village Mapping at Palmatak Sub-district areas of Anambas Island Regency**

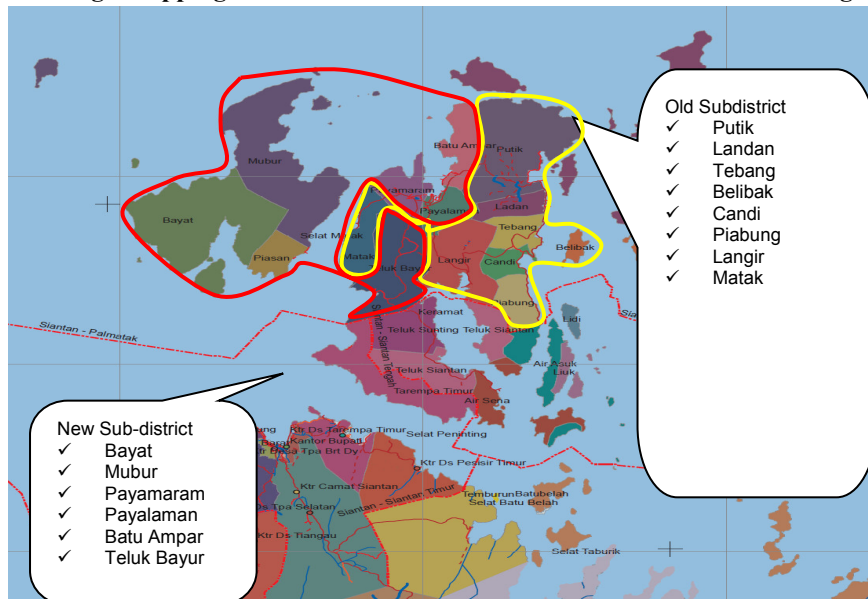


**Scenario 2**  
**Village Mapping at Palmatak Sub-district areas of Anambas Island Regency**

NO	NEW SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE	OLD SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE
1	Palmatlak	Bayat	964	Putik		1.066
2		Mubur	1.056	Ladan		1.010
3		Piasan	1.101	Tebang		1.185
4		Payamaram	991	Belibak		727
5		Payalaman	1.136	Candi		956
6		Batu Ampar	828	Piabung		1.089
7		Teluk Bayur	958	Langir		818
8				Matak		861
<b>TOTAL</b>			<b>7.034</b>			<b>7.712</b>
<b>AVERAGES</b>			<b>1.005</b>			<b>964</b>
<b>TOTAL SCORE MINIMUM</b>			<b>828</b>			<b>727</b>
<b>TOTAL SCORE MAXIMUM</b>			<b>1.136</b>			<b>1.185</b>

Palmatlak sub-district villages mapping in scenario 2 that is old sub-district with nominative village is Putik, Ladan, Tebang, Belibak, Candi, Piabung, Langir and Matak. New sub-district with nominative village is Bayat, Mubur, Piasan, Payamaram, Payalaman, Batu Ampar dan Teluk Bayur with the capital Payamaram.

**Map Scenario 2**  
**Village Mapping at Palmatak Sub-district areas of Anambas Island Regency**



**Scenario 3**  
**Village Mapping at Palmatak Sub-district areas of Anambas Island Regency**

NO	NEW SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE	OLD SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE
1		Bayat Induk	964		Matak	861
2		Mubur Induk	1.056		Payamaram	991
3		Piasan	1.101		Payalaman	1.136
4					Batu ampar	828
5					Putik	1.066
6					Ladan	1.010
7					Tebang	1.185
8					Candi	956
9					Piabung	1.089
10					Langir	818
11					Teluk Bayur	958
12					Belibak	727
<b>TOTAL</b>			<b>3.121</b>			<b>11.625</b>
<b>AVERAGES</b>			<b>1.040</b>			<b>969</b>
<b>TOTAL SCORE MINIMUM</b>			<b>964</b>			<b>727</b>
<b>TOTAL SCORE MAXIMUM</b>			<b>1.101</b>			<b>1.185</b>

Palmatak sub-district villages mapping in scenario 3 that is old sub-district with nominative village is Bayat Induk, Mubur Induk and Piasan. New sub-district with nominative village is Matak, Payamaram, Batu Ampar, Putik, Ladan, Tebang, Candi, Piabung, Langir, Teluk Bayur and Belibak with the capital Ladan.

**Map Scenario 3**  
**Village Mapping at Palmatak Sub-district areas of Anambas Island Regency**



**Scenario 4**  
**Village Mapping at Palmatak Sub-district areas of Anambas Island Regency**

NO	NEW SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE	OLD SUB-DISTRICT	NOMINATIVE VILLAGE	TOTAL SCORE
1		Matak	861		Bayat	964
2		Payamaram	991		Mubur	1056
3		Payalaman	1.136		Piasan	1101
4		Batu ampar	828			
5		Putik	1.066			
6		Ladan	1.010			
7		Tebang	1.185			
8		Candi	956			
9		Piabung	1.089			
10		Langir	818			
11		Teluk Bayur	958			
12		Belibak	727			
<b>TOTAL</b>			<b>11.625</b>			<b>3.121</b>
<b>AVERAGES</b>			<b>969</b>			<b>1.040</b>
<b>TOTAL SCORE MINIMUM</b>			<b>727</b>			<b>964</b>
<b>TOTAL SCORE MAXIMUM</b>			<b>1.185</b>			<b>1.101</b>

Palmatak sub-district villages mapping in scenario 4 that is old sub-district with nominative village is Matak, Payamaram, Batu Ampar, Putik, Ladan, Tebang, Candi, Piabung, Langir, Teluk Bayur and Belibak. New sub-district with nominative village is Matak, Bayat, Mubur, and Piasan with the capital Piasan.

**Map Scenario 4**  
**Village Mapping at Palmatak Sub-district areas of Anambas Island Regency**

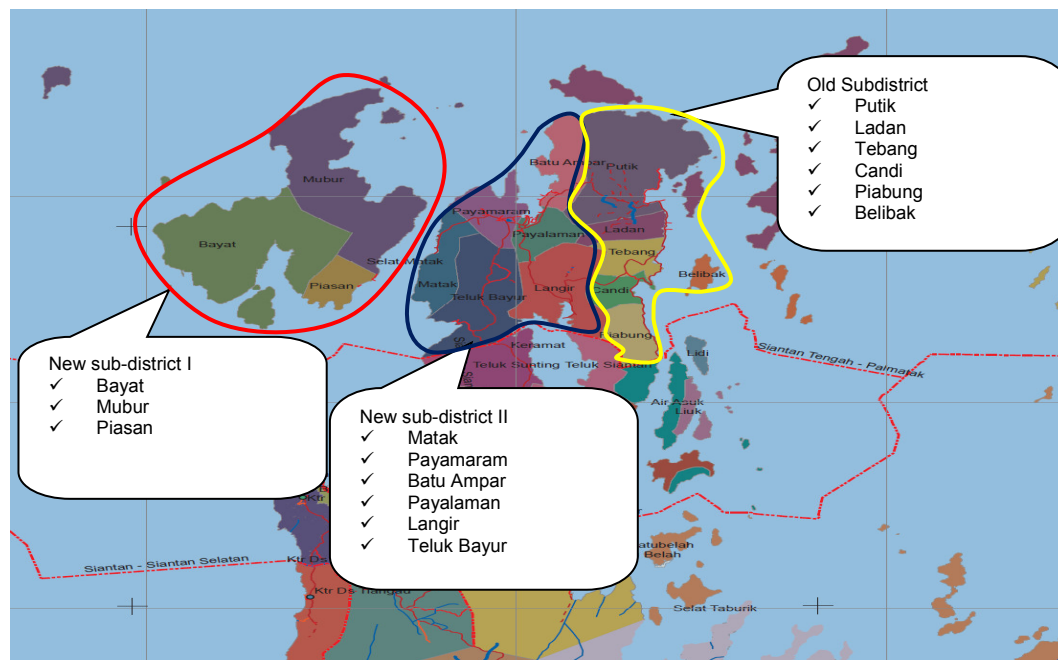


**Scenario 5**  
**Village Mapping at Palmatak Sub-district areas of Anambas Island Regency**

N O	New Sub-district I	Nominative Village	Total Score	New Sub-district II	Nominative Village	Skor Total	Old sub-district	Nominative Village	Total Score
1		Bayat	964		Matak	861		Putik	1.066
2		Mubur	1.056		Payamaram	991		Ladan	1010
3		Piasan	1.101		Batu Ampar	828		Tebang	1185
4					Payalaman	1.136		Candi	956
5					Langir	818		Piabung	1089
6					Teluk bayur	958		Belibak	727
<b>TOTAL</b>			<b>3.121</b>			<b>5.592</b>			<b>6.033</b>
<b>AVERAGES</b>			<b>1.040</b>			<b>932</b>			<b>1.006</b>
<b>TOTAL SCORE MINIMUM</b>			<b>964</b>			<b>818</b>			<b>727</b>
<b>TOTAL SCORE MAXIMUM</b>			<b>1.101</b>			<b>1.136</b>			<b>1.185</b>

Palmatak sub-district villages mapping in scenario 5 that is old sub-district with nominative village is Putik, Ladan, Tebang, Candi, Piabung and Belibak. The first new sub-district with nominative village is Bayat, Mubur and Piasan with the capital Piasan. The second new sub-district with nominative village is Matak, Payamaram, Batu Ampar, Payalaman, Langir and Teluk Bayur with the capital Payamaram.

**Map Scenario 5**  
**Village Mapping at Palmatak Sub-district areas of Anambas Island Regency**



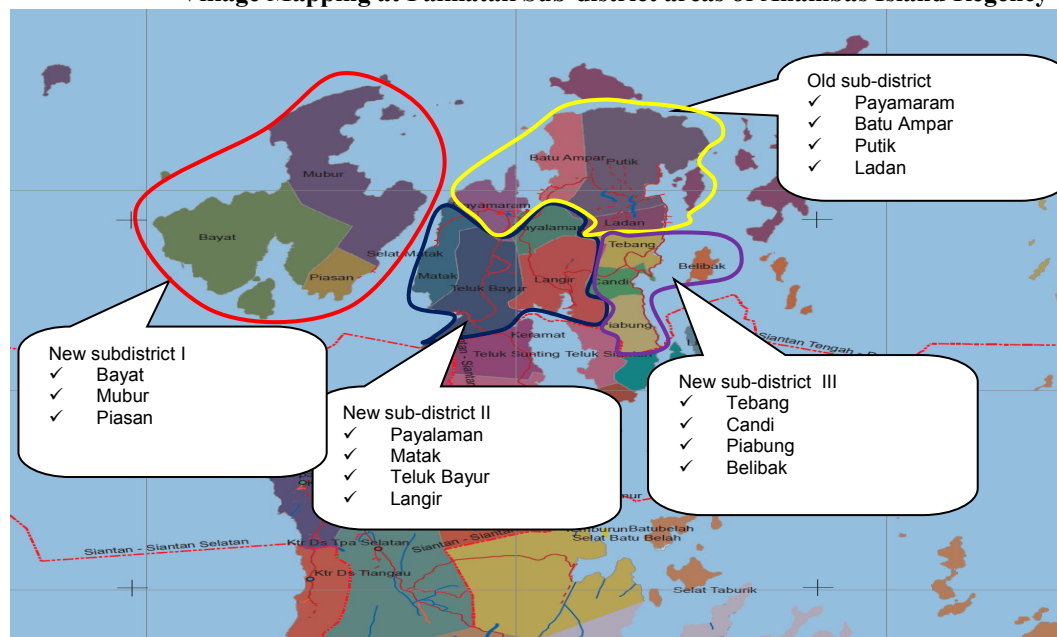
**Scenario 6**  
**Village Mapping at Palmatak Sub-district areas of Anambas Island Regency**

NO	New Sub-district I	Nominative Village	Total Score	New Sub-district II	Nominative Village	Skor Total	Old sub-district	Nominative Village	Total Score	New Sub-district III	Nominative Village	Skor Total
1		Bayat Induk	964		Payalaman	1.136		Payamaram	991		Tebang	1.185
2		Mubur Induk	1.056		Matak	861		Batu Ampar	828		Candi	956
3		Piasan	1.101		Teluk Bayur	958		Putik	1.066		Piabung	1089
4					Langir	818		Ladan	1.010		Belibak	727
<b>TOTAL</b>			<b>3.121</b>			<b>3.773</b>			<b>3.895</b>			<b>3.957</b>
<b>AVERAGES</b>			<b>1.040</b>			<b>943</b>			<b>974</b>			<b>989</b>
<b>TOTAL SCORE MINIMUM</b>			<b>964</b>			<b>818</b>			<b>828</b>			<b>727</b>
<b>TOTAL SCORE MAXIMUM</b>			<b>1.101</b>			<b>1.136</b>			<b>1.066</b>			<b>1.185</b>

Palmatak sub-district villages mapping in scenario 6 that is old sub-district with nominative village is Payamaram, Batu Ampar, Putik and Ladan. The first new sub-district with nominative village is Bayat, Mubur and Piasan with the capital Piasan. The second new sub-district with nominative village is Payalaman, Matak, Teluk Bayur and Langir with the capital Payalaman. The third new sub-district with nominative village is Tebang, Candi, Piabung and Belibak with the capital Piabung.



**Map Scenario 6**  
**Village Mapping at Palmatak Sub-district areas of Anambas Island Regency**

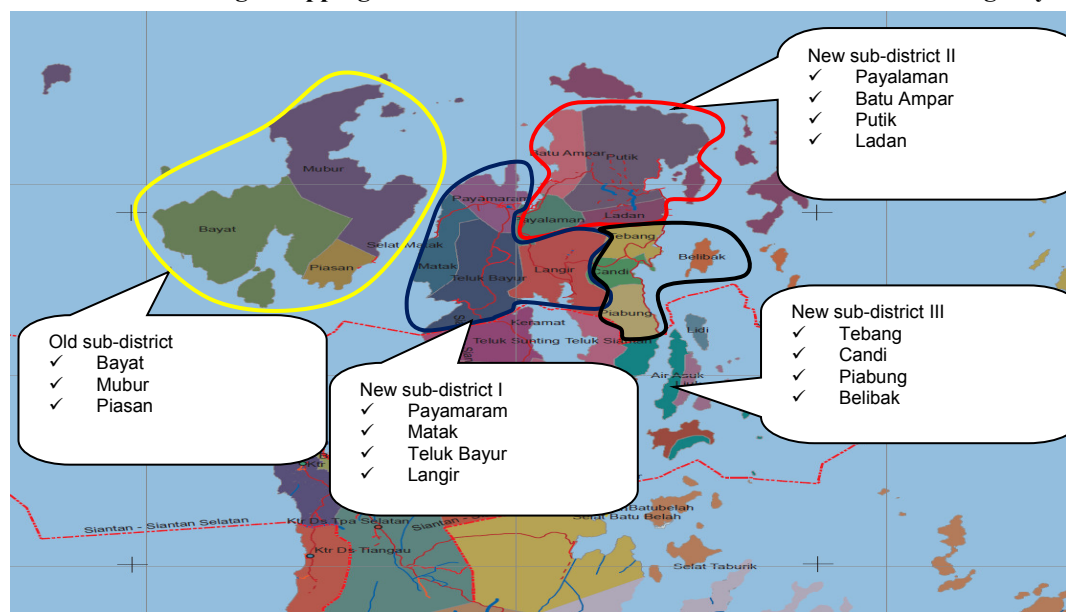


**Scenario 7**  
**Village Mapping at Palmatak Sub-district areas of Anambas Island Regency**

N O	New Sub-district I	Nominative Village	Total Score	New Sub-district II	Nominative Village	Skor Total	Old sub-district	Nominative Village	Total Score	New Sub-district III	Nominative Village	Skor Total
1		Bayat Induk	964		Payamaram	991		Payalaman	1.136		Tebang	1.185
2		Mubur Induk	1.056		Matak	861		Batu Ampar	828		Candi	956
3		Piasan	1.101		Teluk Bayur	958		Putik	1.066		Piabung	1.089
4					Langir	818		Ladan	1.010		Belibak	727
<b>TOTAL</b>			<b>3.121</b>			<b>3.628</b>			<b>4.040</b>			<b>3.927</b>
<b>AVERAGES</b>			<b>1.040</b>			<b>907</b>			<b>1.010</b>			<b>989</b>
<b>TOTAL SCORE MINIMUM</b>			<b>964</b>			<b>818</b>			<b>828</b>			<b>727</b>
<b>TOTAL SCORE MAXIMUM</b>			<b>1.101</b>			<b>991</b>			<b>1.136</b>			<b>1.185</b>

Palmatak sub-district villages mapping in scenario 7 that is old sub-district with nominative village is Payamaram, Bayat Induk, Mubur Induk and Piasan. The first new sub-district with nominative village is Payalaman, Matak, Teluk Bayur, and Langir. The second new sub-district with nominative village is Putik, Ladan, Batu Ampar dan Payamaram. The third new sub-district with nominative village is Tebang, Piabung, Candi dan Belibak.

**Map Scenario 7**  
**Village Mapping at Palmatak Sub-district areas of Anambas Island Regency**

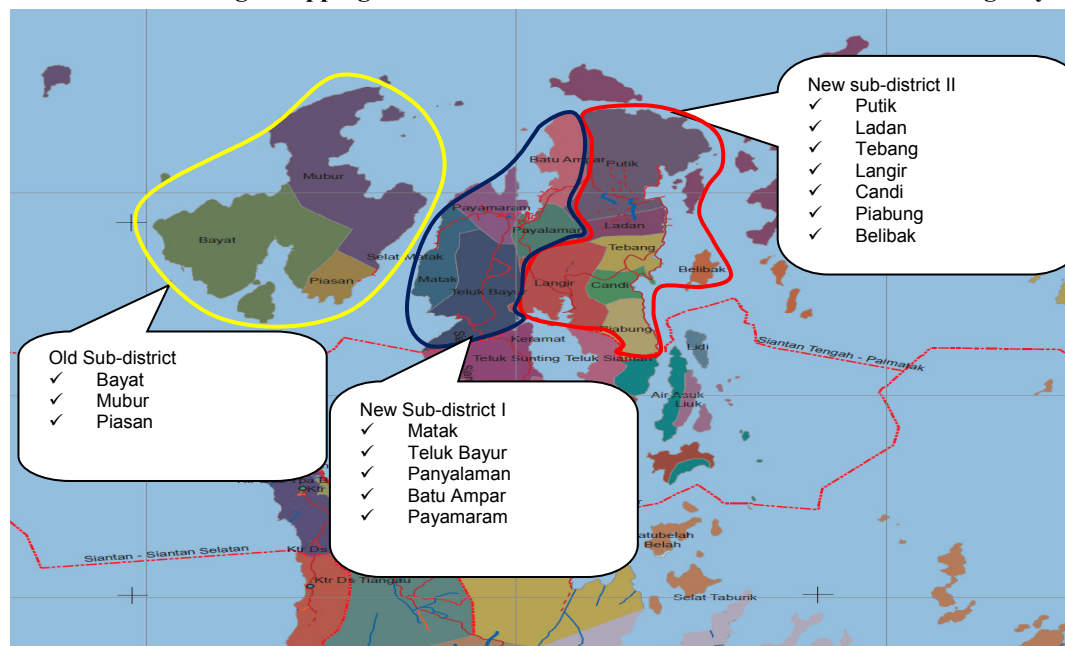


**Scenario 8**  
**Village Mapping at Palmatak Sub-district areas of Anambas Island Regency**

NO	KEC. LAMA	DESA Nominatif	Skor Total	KEC. BARU I	DESA Nominatif	Skor Total	KEC. BARU II	DESA Nominatif	Skor Total
1		Bayat Induk	964		Matak	861		Putik	1.066
2		Mubur Induk	1.056		Teluk Bayur	958		Ladan	1.010
3		Piasan	1.101		Payalaman	1.136		Tebang	1.185
4					Batu Ampar	828		Langir	818
5					Payamaram	991		Candi	956
6								Piabung	1.089
7								Belibak	727
<b>TOTAL</b>			<b>3.121</b>			<b>4.774</b>			<b>6.851</b>
<b>AVERAGES</b>			<b>1.040</b>			<b>955</b>			<b>979</b>
<b>TOTAL SCORE MINIMUM</b>			<b>964</b>			<b>828</b>			<b>727</b>
<b>TOTAL SCORE MAXIMUM</b>			<b>1.101</b>			<b>1.136</b>			<b>1.185</b>

Palmatak sub-district villages mapping in scenario 8 that is old sub-district with nominative village is Bayat Induk, Mubur Induk and Piasan. The first new sub-district with nominative village is Payalaman, Matak, Teluk Bayur, dan Langir. The second new sub-district with nominative village is Putik, Ladan, Batu Ampar dan Payamaram. The third new sub-district with nominative village is Tebang, Piabung, Candi dan Belibak.

**Map Scenario 8**  
**Village Mapping at Palmatak Sub-district areas of Anambas Island Regency**



seen from the community aspirations aspects it seemed the three districts, in principle, majority of the people **approve the districts expansion** from community leaders, religious leaders, youth leaders, women leaders and education leaders. One of the people aspirations in supporting districts expansion, that are the inclusion of people aspirations in determining the capital district when later the districts are been expended. Seen from the government services and quality aspect to the public, fro the level of education, health, public facilities, licensing, and community participation level 1 has been seen that almost all the sub-districts felt very lacking in providing services than the regency level and at the level of villages.

## 7. Suggestion

To ensure the successful implementation of the districts expansion seen from the ability of districts in organizing service, governance and development effectively and efficiently can be prepared by following recommendations:

1. Based on the research of this expansion then we suggest that 2 (two) of all districts in the Anambas Island for prioritized to be expanded as follows:
  - a. Priority 1 Sub-district Palmatak 1238 Score Worth;
  - b. Priority 2 Sub-district Jemaja with 938 Score category is worthy enough, but because many have suggested the number of villages prioritized to be expand.

But as good and it should be this districts expansion process could have started if PATENT IMPLEMENTATION has been fulfilled in the entire current district In Anambas Island

2. Establish a special team to oversee the expansion process, and doing the consultation process and agreement approval to the governor about the establishment plan of Regional Regulation on New Sub-district formation.
4. Continuing the district expansion process to be more perfect by forwarding the results of the consultation of the province to the central government in this case the Ministry Internal affairs for the establishment of the mechanism proposed area code in order to receive the Special Allocation Fund (DAK) strengthening governance.
5. It is possible to consult (a comparative study) to other areas which have the characteristics and same conditions areas as the basis for strengthening the Anambas districts expansion plan in particular areas included in the category of Article 8 and 9 PP 19 of 2008.
6. Remembering that sub-district is regent/city areas, and receives part of delegation from the Regent / Mayor authority, then the sub-districts expansion implementation should be followed by action delegated part of the Regent / Mayor authority to sub-district Head accordance with its potential and fundamental problems encountered, either the district will be established / expanded or main sub-districts towards strengthening the Sub-District Integrated Administrative Service (PATENT);
7. Develop organizational sub-districts design according to the sub-district potential and characteristics (districts typology) as well as the pattern and nature the head sub-district authority delegated from Regents / Mayors;

8. Prepare budget performance and sub-districts logistical needs based on the sub-districts head variable authority amount, potential and problems of each sub-district; and
9. Develop measurement design and sub-district performance assessment under the sub-district head authority, potential and problems of each sub-district.
10. All equipment, personnel and sub-district expansion implementation cost become the responsibility of the Regional Government include improvements to the entire population administration where the areas are touched by the expansion KTP, KK, and other population administration.

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Table 1. The capitals, assets and revenue in listed banks

	Total capital stock	Income of main business	Total assets
Pudong Development Bank	39.2	214.7	5730.7
Bank of China	459.4	3345.7	59876.9

Description for the above table.

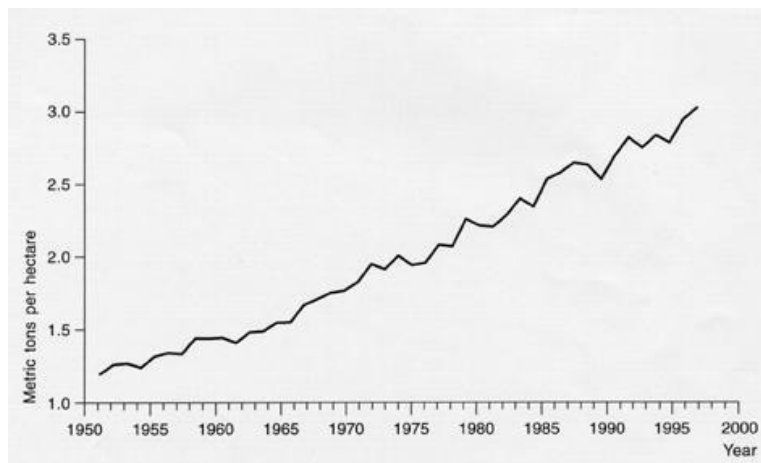


Figure 1. The Trend of Economic Development  
 Description for the above figure.