

Republika ng Pilipinas
PAMBANSANG PANGASIMAHAN NG PATUBIG
(National Irrigation Administration)
Gusaling APC, Quezon Memorial Circle
Diliman, Lungsod ng Quezon

MC # 13, s. 1973

MEMORANDUM CIRCULAR

TO : THE ASSISTANT ADMINISTRATOR, ALL DEPARTMENT HEADS
AND STAFFS, REGIONAL IRRIGATION ENGINEERS, PROVINCIAL
IRRIGATION ENGINEERS, IRRIGATION SUPERINTENDENTS,
AND ALL OTHERS CONCERNED
National Irrigation Administration

SUBJECT : Revised Criteria in Determining the Priority Ratings
of National and Communal Irrigation Projects Pro-
posed for Construction

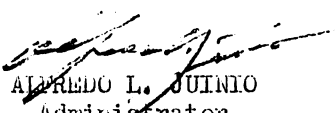
In order to establish a uniform system of determining priorities in programming national and communal irrigation projects for construction, there is herewith attached:

1. Criteria in Determining the Priority Ratings of National Irrigation Projects
2. Criteria in Determining the Priority Ratings of Communal Irrigation Projects

These have been adopted for the purpose of rating proposed national and communal irrigation projects to be programmed for construction. These revised criteria supersedes the previous priority ratings presently in use in the NIA.

National and communal irrigation projects which have been found to be feasible, should therefore be programmed for construction in accordance with the above-stated criteria taking into consideration the overall program, as well as the sectoral or regional development programs in the different regions.

Please be guided accordingly.


ALFREDO L. JUINIO
Administrator

3/5/73

Attachments:

March 2, 1973

Criteria in Determining The Priority Ratings of National Irrigation Projects

Project Priority Rating

<u>Factors</u>	<u>Points</u>
A. <u>Technical Feasibility:</u>	
1. Irrigation Intensity - - - - -	12
2. Land suitability to Rice and Corn- -	12
3. Drainage Conditions - - - - -	8
4. Available Rainful for Wet Season Crop - - - - -	8
B. <u>Economic Feasibility:</u>	
5. Benefit Cost Ratio - - - - -	40
C. <u>Institutional Policies:</u>	
6. Land Reform - - - - -	15
7. Number of Irrigation Systems in the Province - - - - -	<u>5</u>
T o t a l -	100

Types of Priority Classification:

<u>No. of Points</u>	<u>Category</u>
90-100	Excellent
80- 89	Very Good
70- 79	Good
60- 69	Fair
Below 60	Deferrable

Note: Projects below 60 but above 50 in total number of points are deferrable, which rating may improve upon further investigation and new favorable factors are found.

Project Priority Rating

A. Technical Feasibility (40)

<u>1. Irrigation Intensity (12 points)</u>	<u>Points</u>
1.0 - 1.1	12
1.2 - 1.3	11
1.4 - 1.5	9
1.6 - 1.7	7
1.8 - 2.0	5
2.1 and above	3

Irrigation intensity is the ratio of wet season irrigable area to the dry season irrigable area based on the available river discharge.

2. Land Suitability to Rice and Corn (12 points)

Point Distribution

Percentage of the Area

	Class I	Class II	Class III	Class IV
90% - 100%	12	8	4	0
70% - 89%	8	6	3	0
50% - 69%	6	4	2	0
30% - 49%	4	2	1.5	0
11% - 29%	2	1.5	1	0

To get the number of points, add the corresponding points for each portion of the area under each soil class. Example: For an area having 70% Class I and 30% Class III, the total points would be $8 + 1.5$ or 9.5 points.

Class I - Highly suitable
Class II - Moderately suitable
Class III - Suitable
Class IV - Excessive specific deficiencies

<u>3. Drainage Conditions (8) points</u>	<u>Points</u>
Excellent	8
Good	6
Fair	4
Poor	2

4. Available Rainfall for Wet Season Crop (8 points)
Rainfall Intensity for four (4) months

30 inches and above	- - - - -	8
31" - 35"	- - - - -	6
36" - 40"	- - - - -	5
41" - 45"	- - - - -	4
46" - 50"	- - - - -	3
50" above 50"	- - - - -	2

B. Economic Feasibility (40)

5. Benefit - Cost Ratio (40 points)	<u>Points</u>
1.0 - 1.5	20
1.6 - 2.0	24
2.1 - 2.5	27
2.6 - 3.0	30
3.1 - 3.5	32
3.6 - 4.0	34
4.1 - 4.5	36
4.6 - 5.0	38
Above 5.0	40

C. Institutional Policies (20)

6. Land Reform (15) points	
Within Land Reform Area	15
Outside Land Reform Area	5

7. Number of Irrigation Systems in the Province
(5 points)

Three or more	0
Two systems	1
One system	8
None	5

CRITERIA IN DETERMINING THE PRIORITY
RATINGS OF COMMUNAL IRRIGATION PROJECT/
SYSTEMS

<u>Factors</u>	<u>Points</u>
1. Land Reform	15
2. Cooperation of Farmers	20
3. Benefit-Cost Ratio	20
4. Nature of Project	15
5. Crop Raised	10
6. Sufficiency of Funds	10
7. Socio-Economic Conditions	5
8. Status of Water Rights	<u>5</u>

T o t a l 100

Distribution of Points

1. <u>Land Reform (15 points)</u>	
(a) Within Land Reform Area	15
(b) Outside Land Reform Area	5
2. <u>Cooperation of Farmers (20 points)</u>	
(a) Free Labor (100%)	15
(Percentage of Free Labor x 15)	
(b) Free Right-of-Way	5
Not Free	0
3. <u>Benefit-Cost Ratio</u>	
3 and below	8
3.10 - 6.00	12
6.10 - 9.00	16
Above 9.00	20
4. <u>Nature of Project</u>	
(a) Rehabilitation	15
(b) Completion	10
(c) New	5
5. <u>Crops Raised (10 points)</u>	
(a) Area to be devoted to rice	10
(b) Other Crops	5

6. Sufficiency of Funds (10 points)

	<u>Points</u>
(a) Sufficient Funds	10
(b) Sufficient to Construct Utile Portion	5
(c) Not Sufficient	0

7. Socio-Economic Conditions (5 points)

(a) Poor	5
(b) Fair	3

8. Status of Water Rights (5 points)

(a) With Water Rights	5
(b) No Water Rights	0