

# Small Water Impounding Management Project



Sub-project Site in the Northern Manila

## Outline of Loan Agreement

Loan Amount/ Loan Disbursed Amount	¥3,193 million / ¥2,743 million
Loan Agreement	January 1988
Terms and Conditions	Interest rate: 3.0%, Repayment period: 30 years (grace period: 10 years)
Final Disbursement Date	December 1998

## Project Profile

The project was to build small dams around the country, which were to be used for flood control, irrigation, household water supplies, electricity generation, soil erosion prevention and a variety of other water resource applications, in order to improve production and living condition in rural areas.

## Results and Evaluation

Of the 25 sites of dams and irrigation facilities which were constructed under the project, the field survey visited 15 sites and found that the project had enabled dry season cultivation, increasing the land usage rate from 73.2% to 128.3%. The unit rice yield approximately quadrupled, raising annual rice production by approximately 8,200 tons. As a result, farmers income increased, with ripple effects improving living standards. However, most of the dams and irrigation facilities have only recently gone into operation, and they are now in the initial stage of development and functional improvement. As such, the anticipated effects have yet to be fully realized. An interview survey of farmers indicated that the project had some degrees of effect in flood control and prevention of soil erosion.

The facilities built under the project were to be turnover to farmers organizations, but those which are still under construction have not yet been turnover. It is essential to instill a sense of ownership in the farmers, if the transfer of facilities is to proceed smoothly and be followed by effective maintenance work. The positive involvement of the farmers in project planning must be sought, and their sense of ownership must be built up.