

Indonesia

Padang Area Flood Control Project (I)



Diverging Point on Arau River & Flood Relief Channel

Outline of Loan Agreement

Loan Amount / Disbursed Amount	8,063million yen / 7,630 million yen
Loan Agreement	December 1990
Terms & Conditions	Interest rate 2.5%p.a. Repayment period 30 years (Grace period 10 years)
Final Disbursement Date	December 1996

Project Outline

The project comprised the implementation of river improvement works in the vicinity of Padang City, the provincial capital of West Sumatra Province, targeting flood prevention, livelihood stability for residents, and regional development.

Results and Evaluation

The Arau, Krunge, Airdingin, and Jirak rivers, which all flow through the region surrounding Padang City cause perennial flooding. Within the comprehensive flood control plans for each of these rivers, this project implemented improvements and the rehabilitation of drainage canals / flood relief channels on the Arau and Jirak rivers, which were identified as being particularly urgent as Phase I. The project was completed in October 1996, with maximum flood discharge in the flood relief channel, which was increased from 150-350m³/sec before implementation to 220-450m³/sec, resulting in the city sustaining no flood damage after project completion, despite suffering pre-project damage in both 1992 and 1993. The majority of respondents in the interview survey of residents cited project effects such as protection from flooding, improved land use, increased employment, and better road access, thanks to the flood controls.

This project, in combination its successor Phase II (incomplete as of 2001), is expected to contribute to development of the region's economy.

The project facilities are scheduled to be transferred to Padang City by the central government, thus measures to secure a budget for operation and maintenance will need to be addressed.