

Country Report IV

THE EXPERIENCE OF DROUGHT MANAGEMENT IN CITARUM RIVER BASIN ORGANIZATION - INDONESIA

Irrigation is the biggest demand of water it is about 90% of the total demand for two crops per year. The first crop is commenced in the first of October or in the beginning of rainy season and the second crop is commenced in the first of April. For which the Committee extend the meeting at least twice a year, once every August for preparing annual water supply program considering the availability of water in the reservoirs and prospective weather in coming year, secondly every April for evaluation of the implementation program and/or analysis of the continuation of the program or preparing the program modification if necessary.

According to the Note for Jatiluhur (Ir. H. Djuanda) Reservoir Operation (Angoedi, 1960) total water demand in the downstream of the reservoir will be supplied during wet season 70% from local resources and 30% from the reservoir, and conversely, during dry season 30% from local resources and 70% from the reservoir. The committee is also prepares integrated reservoirs operation rule curve based on the equal sharing of the three reservoirs in term of water level and hydro electric power production.

Water management includes: catchment area management, water quantity, water quality, river environment, flood and drought, and water resources infrastructures. For the sustainability of water resources in the catchment area the government will introduce community development program with people in the area. They should not rampant to cut trees in the forest or illegal logging and extended agricultures activity in the slope land that will cause erosion in the catchment area and sedimentation in downstream reach. Besides, it will cause higher flood during rainy season and drought during dry season. The beneficiaries of water mostly are living in the downstream area that is why a mechanism of incentive from the downstream to upstream should be established.

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