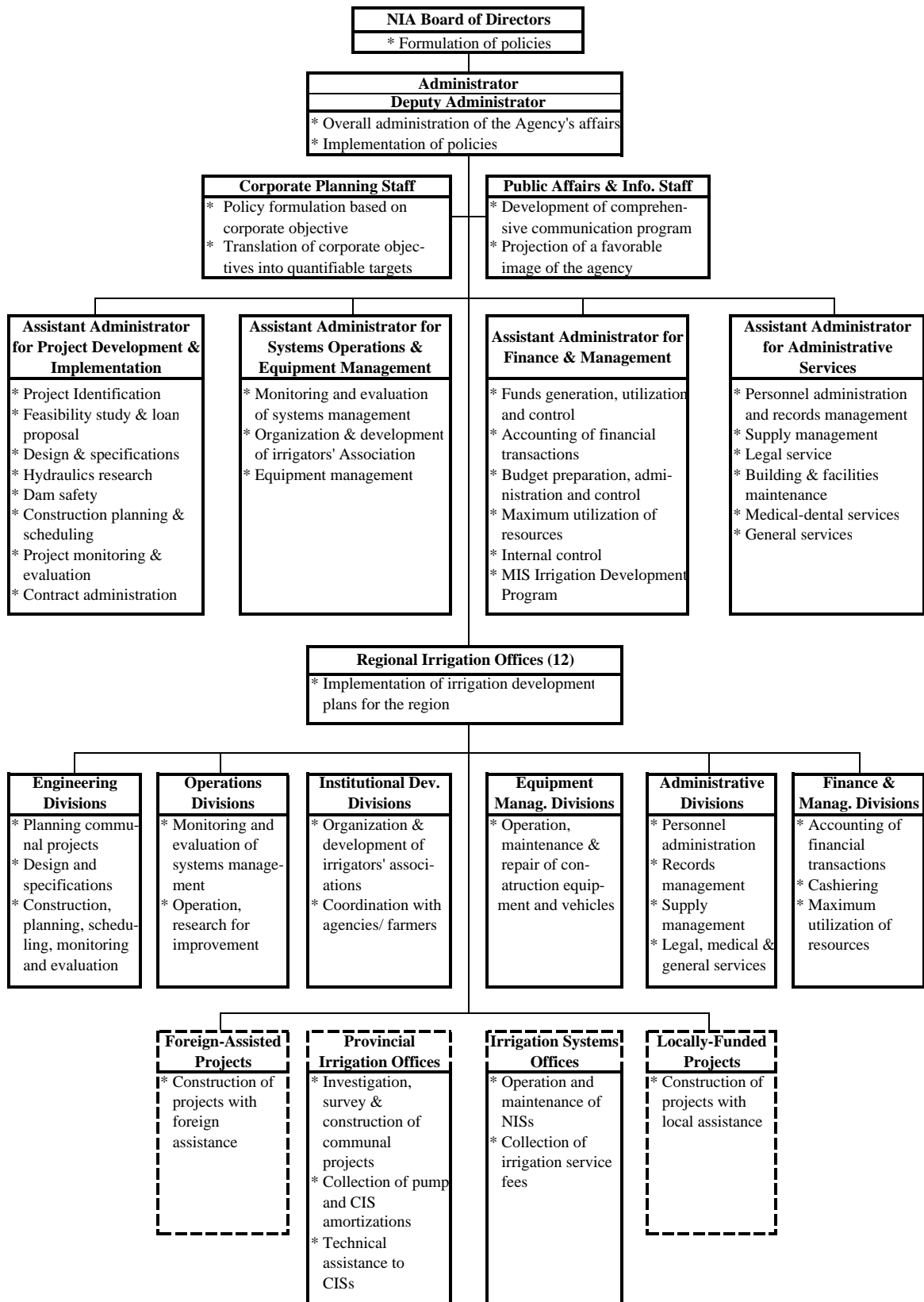


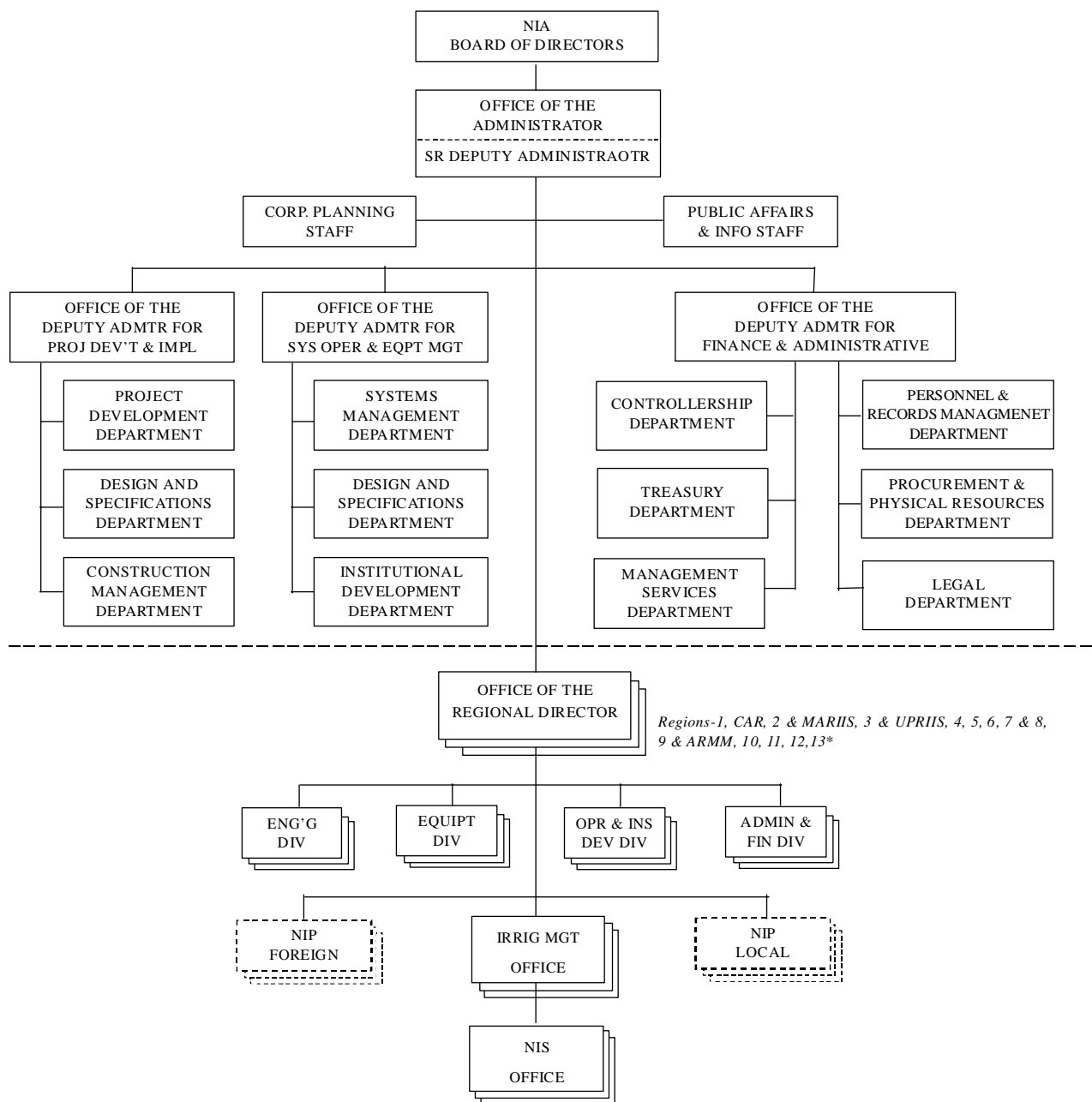


図3.1 NIAの機能組織図



Source: NIA

NATIONAL IRRIGATION ADMINISTRATION (NIA)



Note: As for the relatively small Regional Irrigation Offices like CAR, 10 and 13, more simple organization is proposed.

Source: Streamlining Proposal, October 2000, NIA

図 3.2 NIA 作成の「合理化計画」で提唱された組織

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Dry Season Rice			Wet Season Rice				Dry Season Rice				
TD	H			LS/LP	NI			TD	H	LS/LP	NI

Cropping Pattern for Aganan RIS

Legend: LS/LP- Land soaking/land preparation; NI – Normal irrigation;
 TD – Terminal drainage; and H – Harvesting.

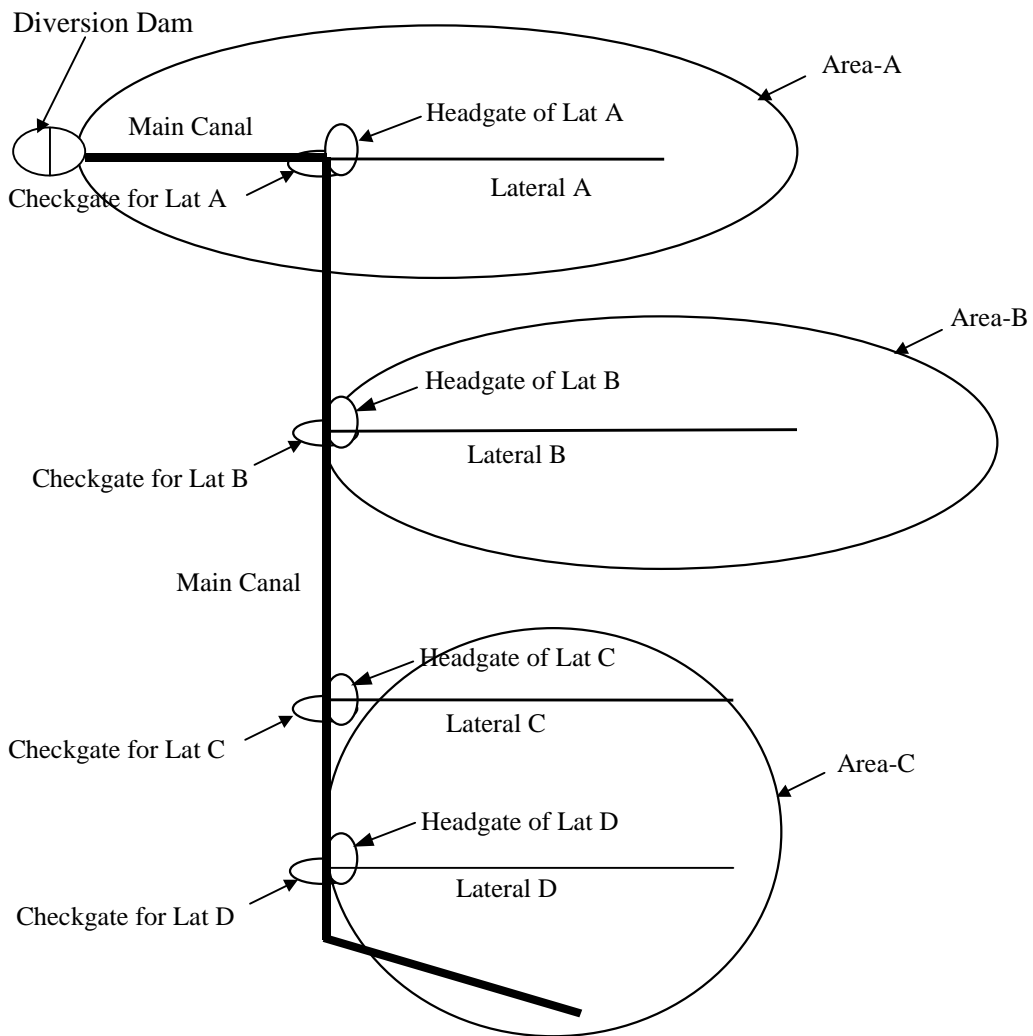


図 4.1 作付けカレンダー及びゲート操作作用模式図

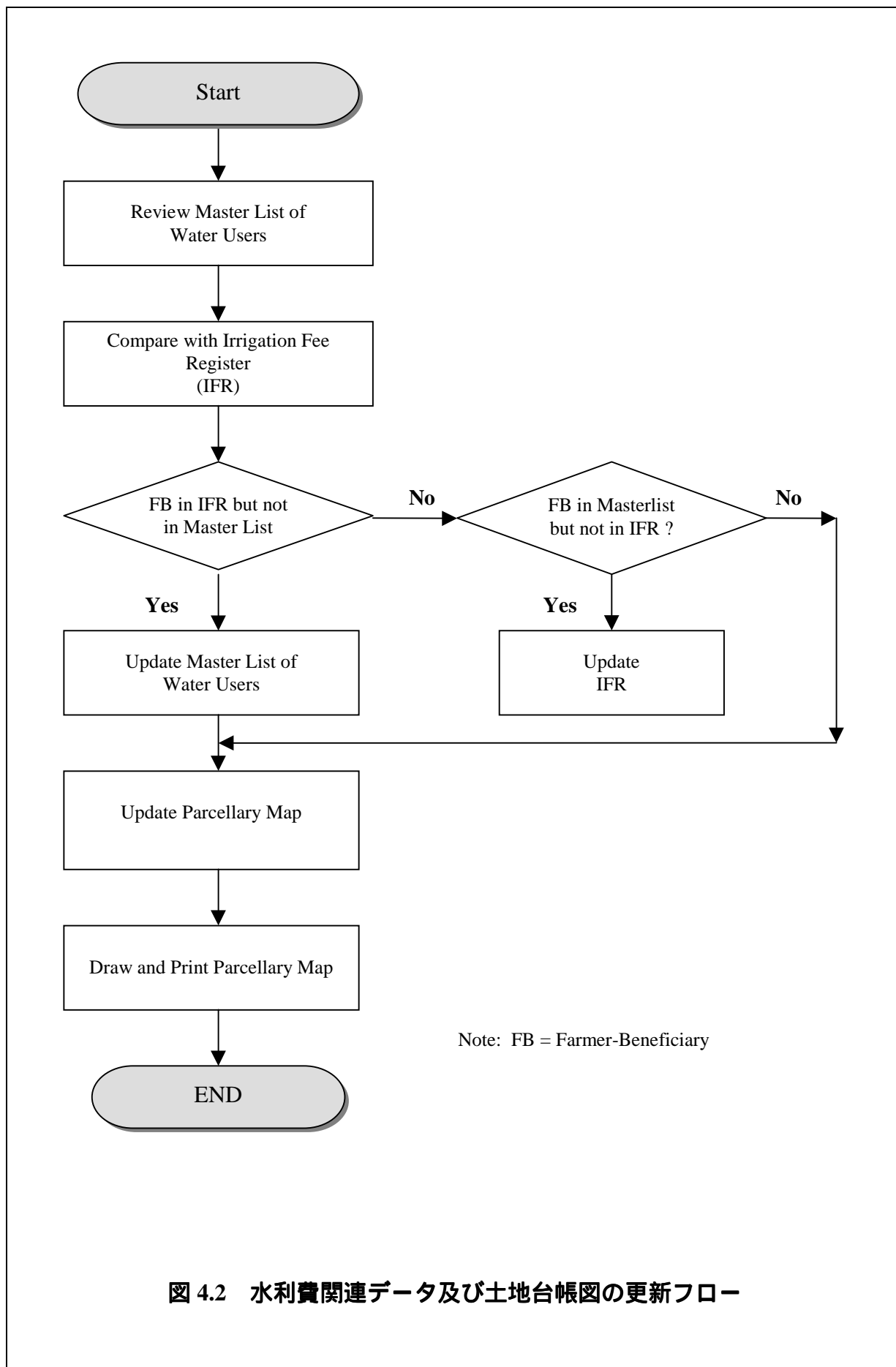


図 4.2 水利費関連データ及び土地台帳図の更新フロー

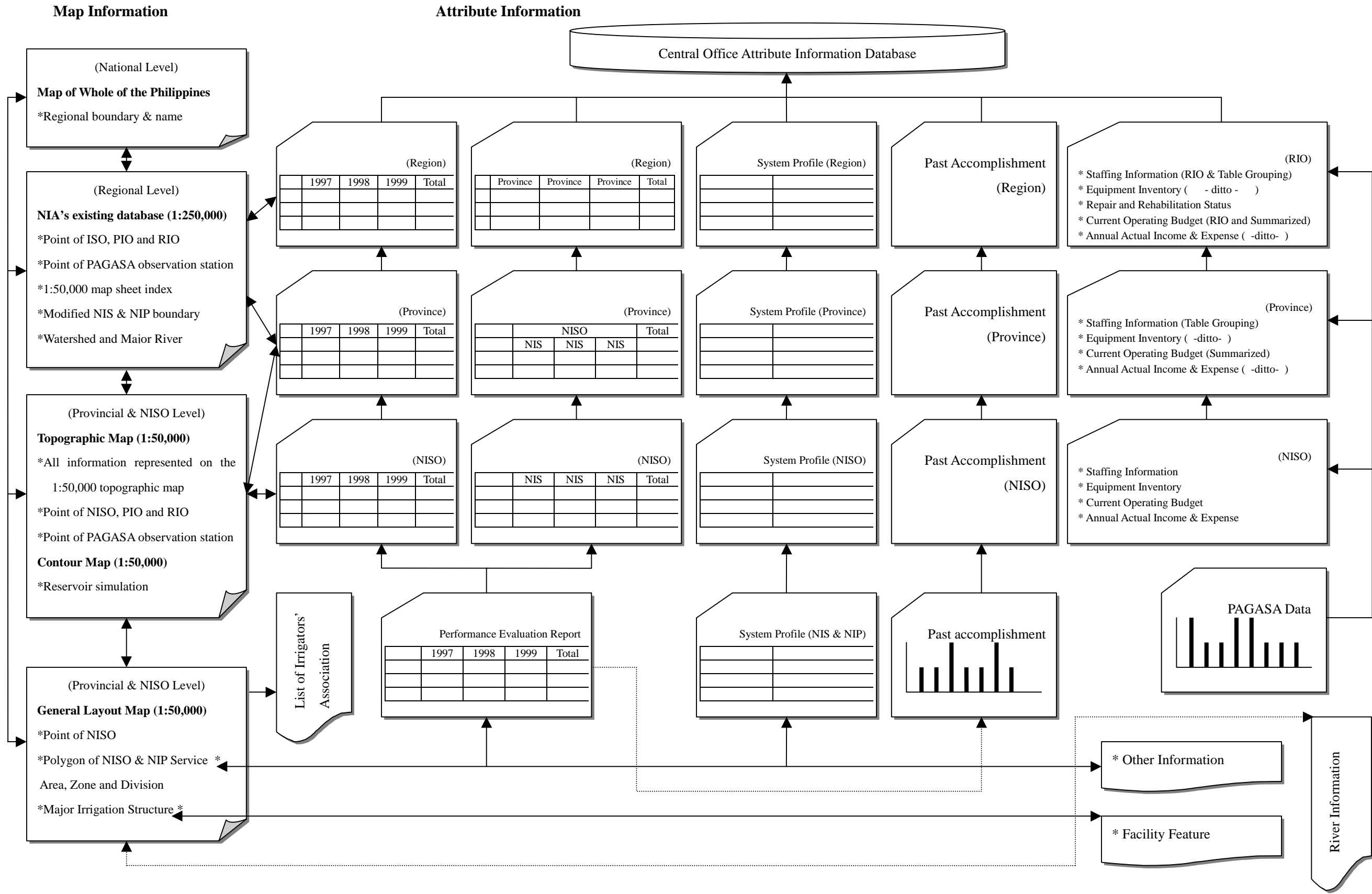
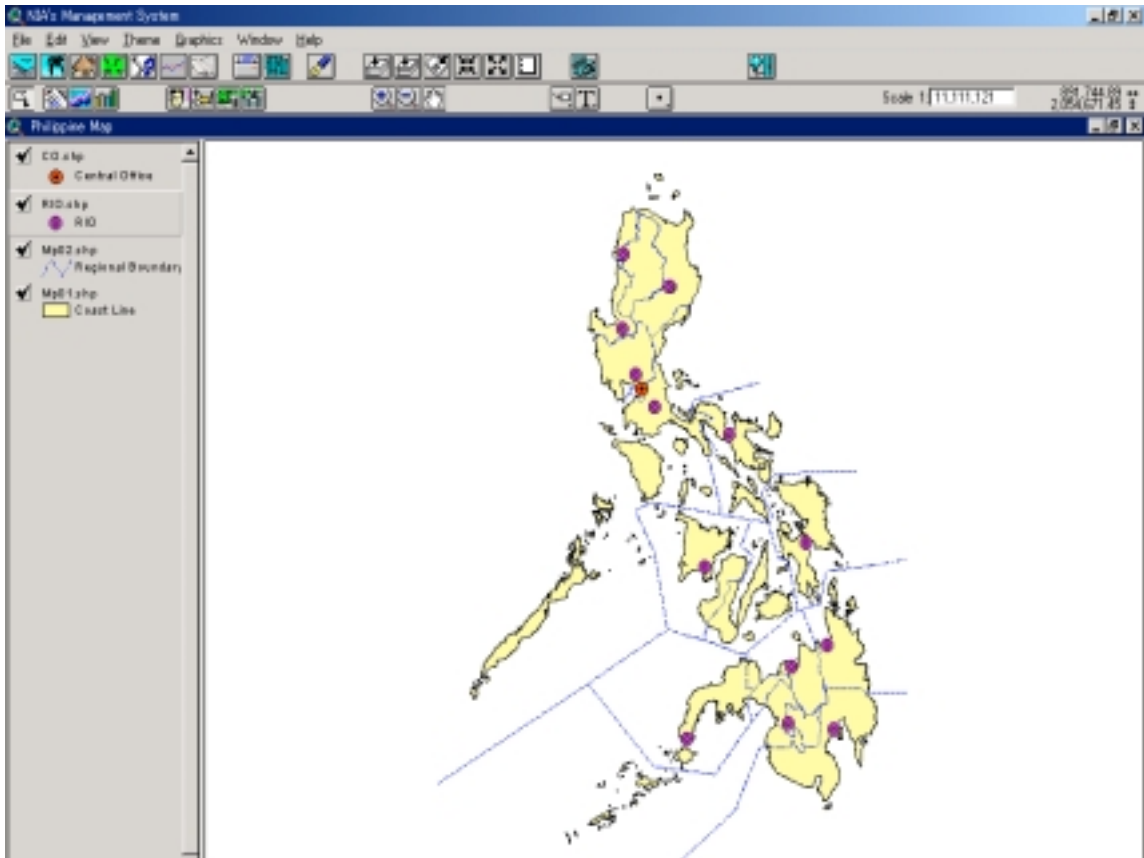
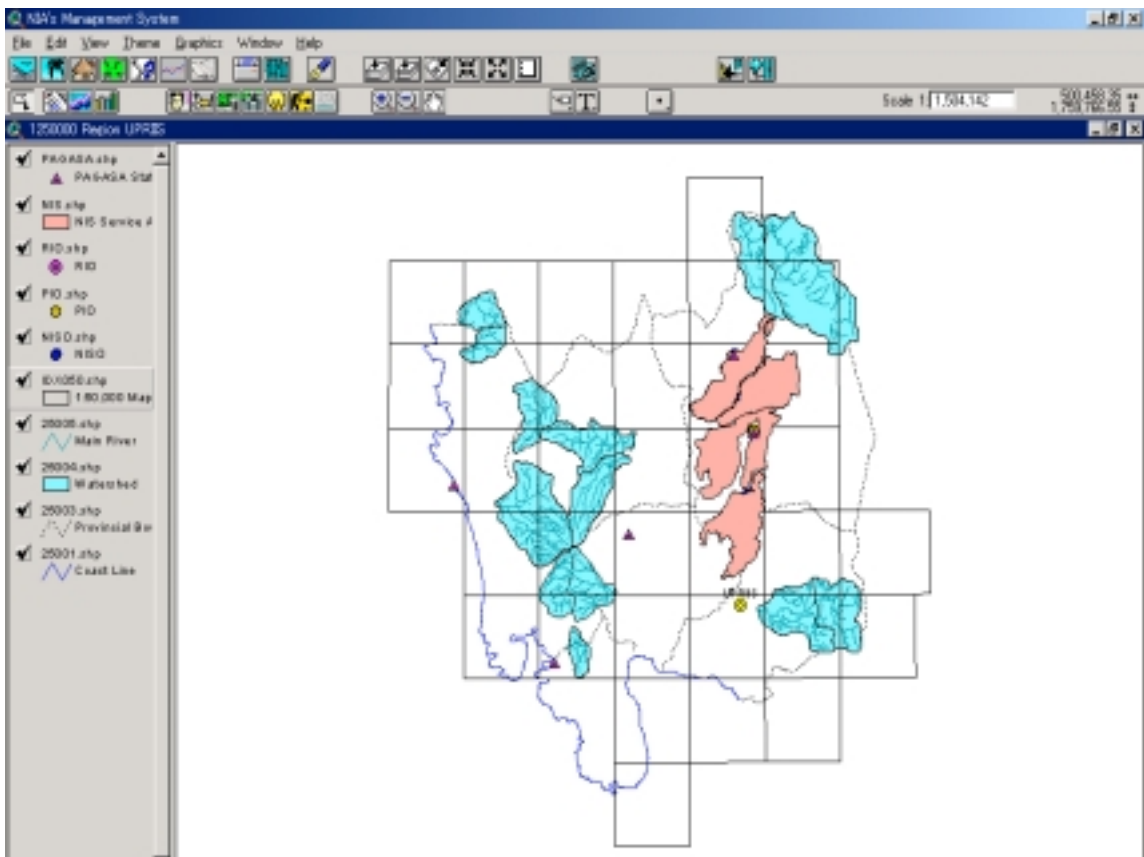


図 4.3 アウトプット型式およびユーザーインターフェースのフロー (縮尺 1:50,000 地図レベル GIS データベース)

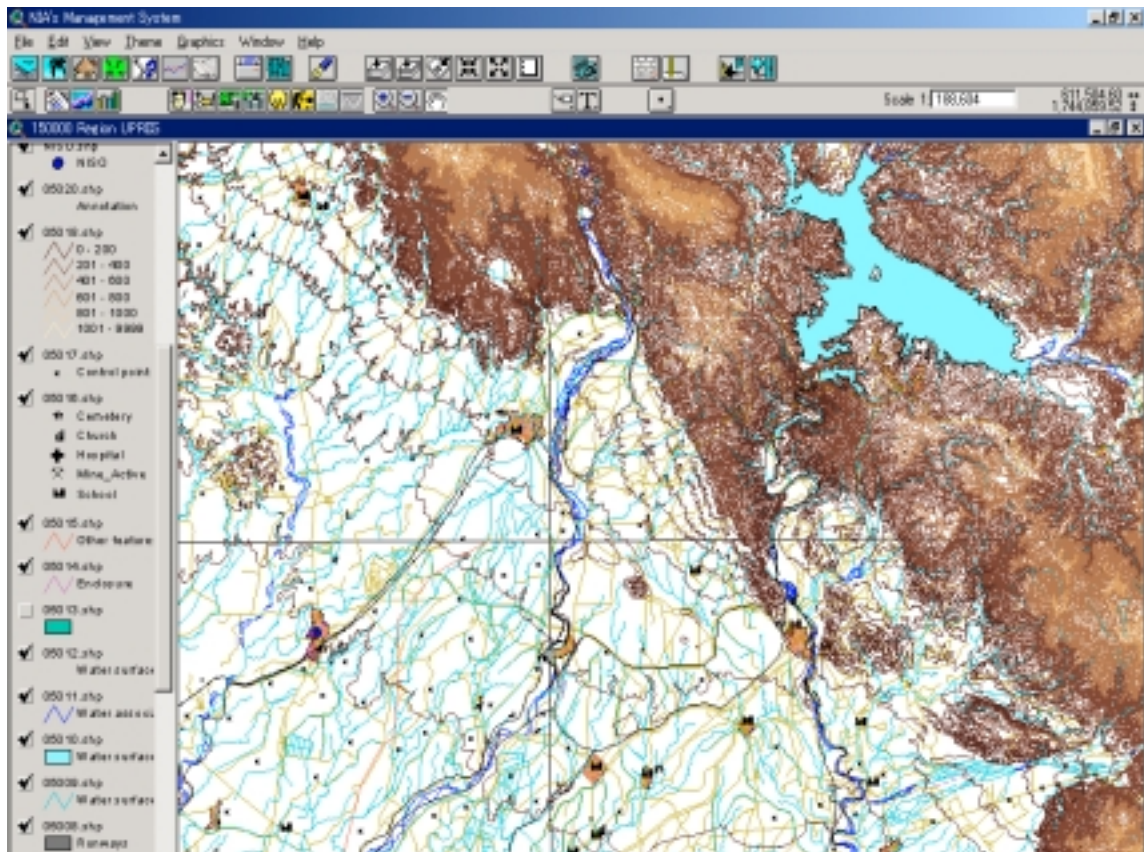


Map of Whole of the Philippines

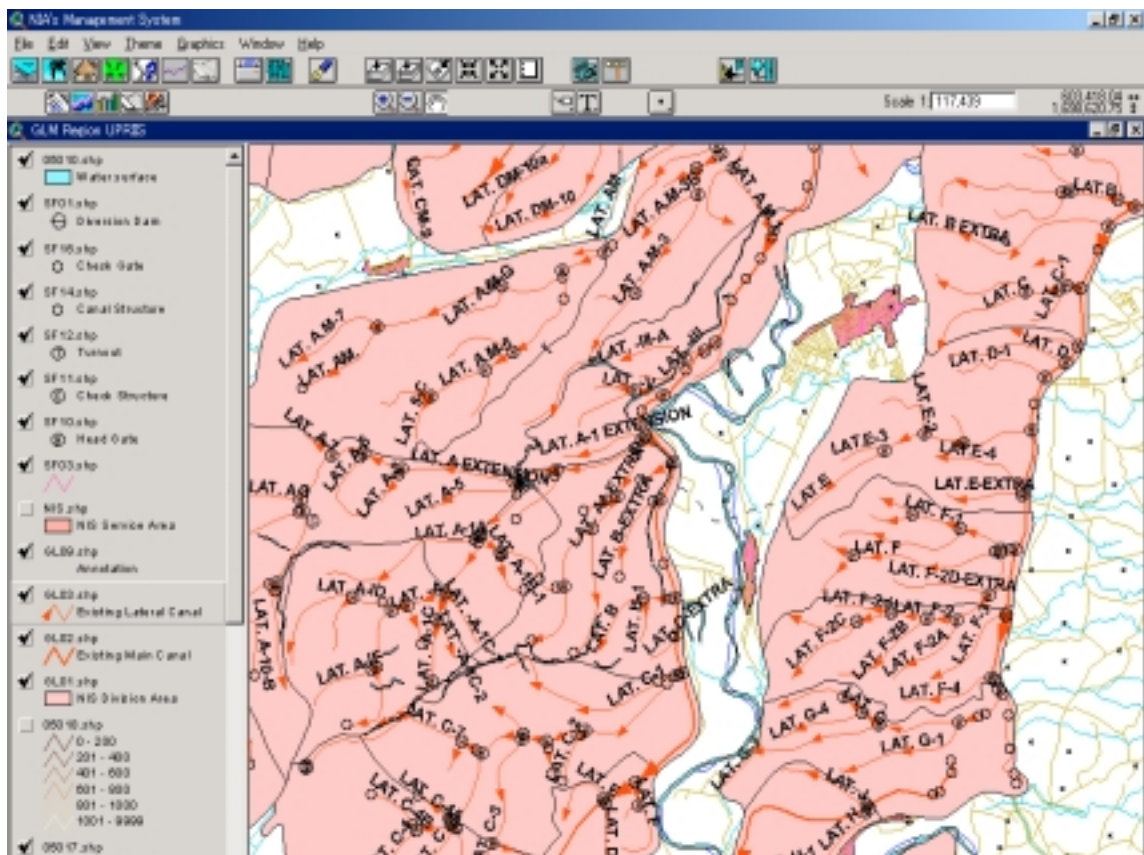


1: 250,000 Region Map

図4.4 サンプル・アウトプット (縮尺1:50,000 地図レベルGIS データベース) (1/5)

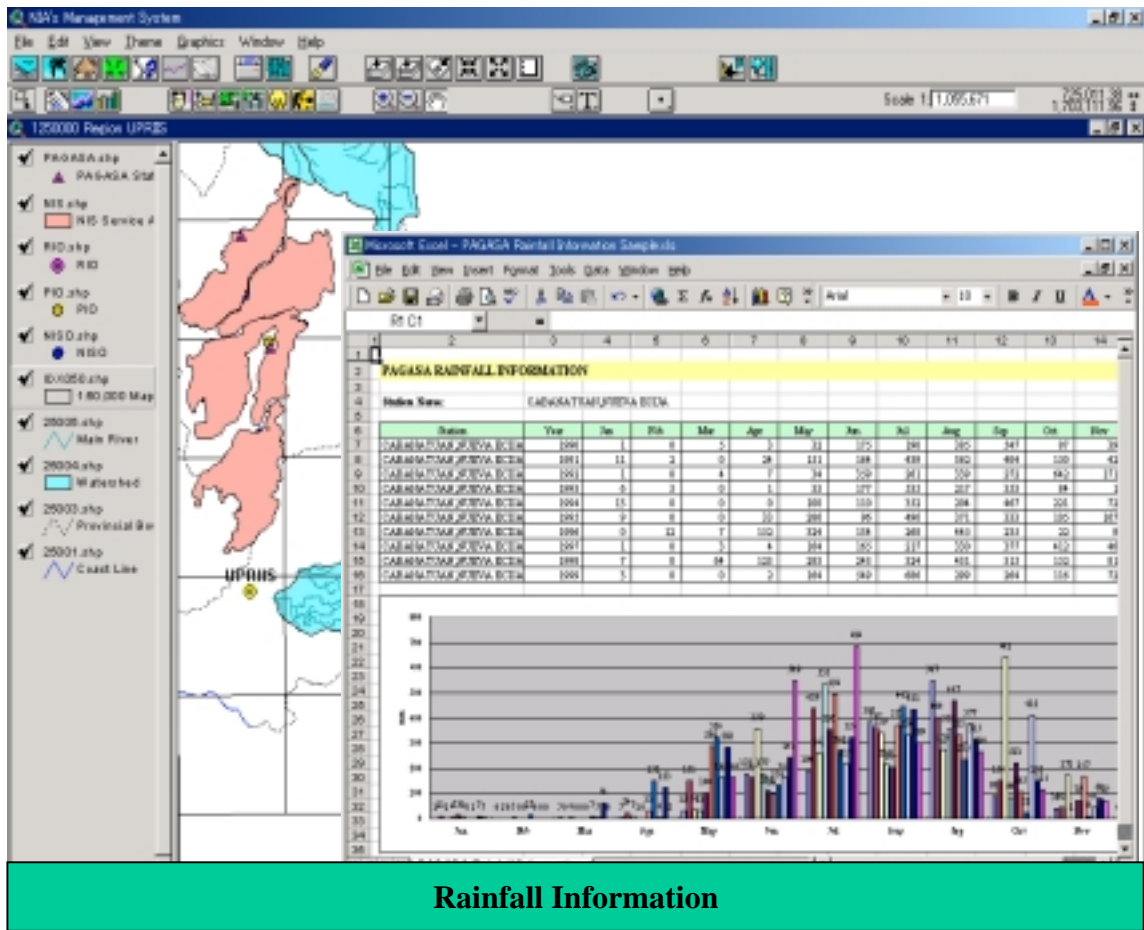


1:50,000 Topographic Map

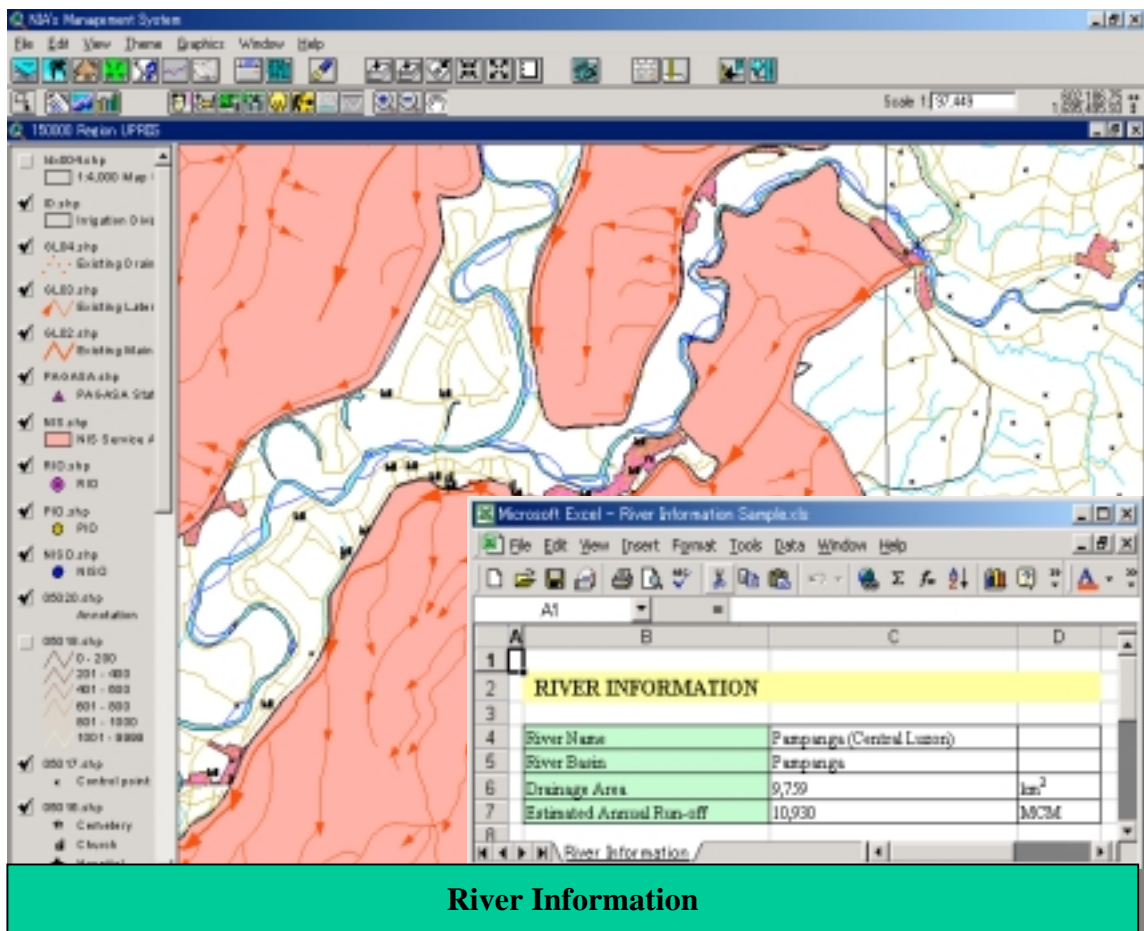


General Layout Map

図4.4 サンプル・アウトプット (縮尺1:50,000 地図レベルGIS データベース) (2/5)

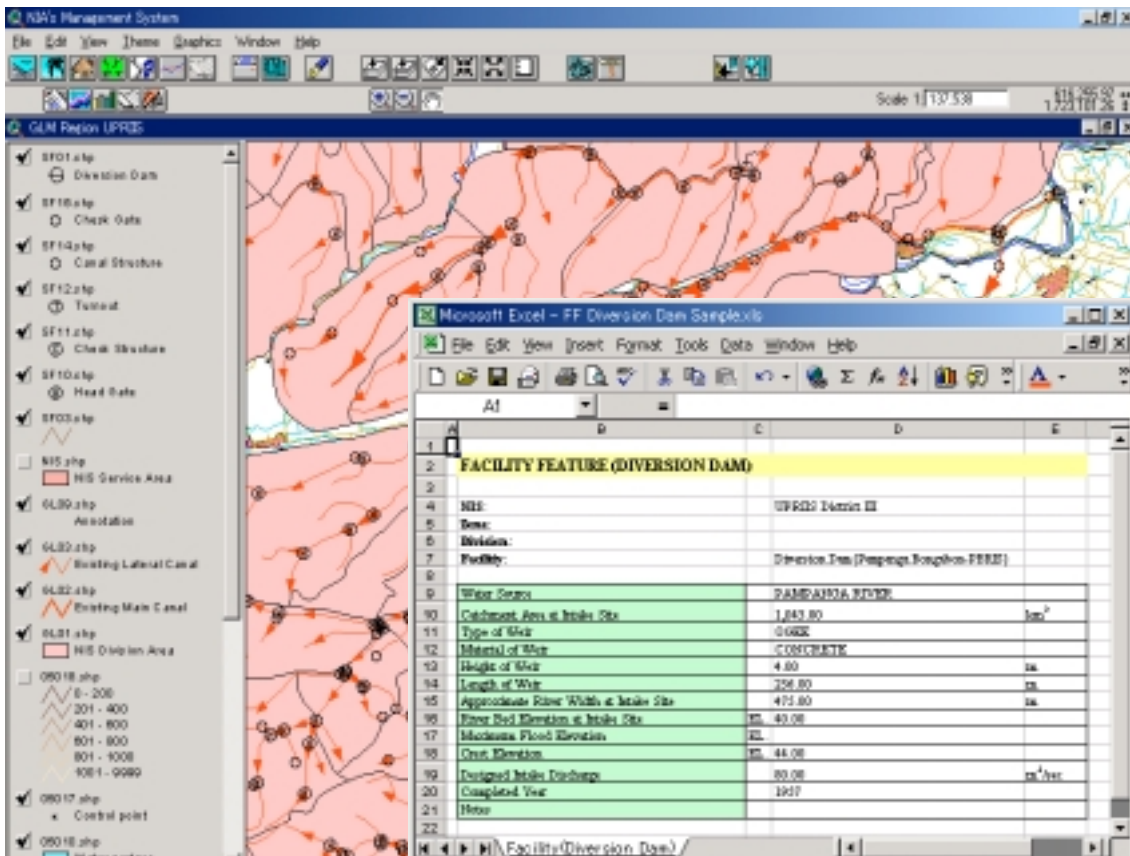


Rainfall Information

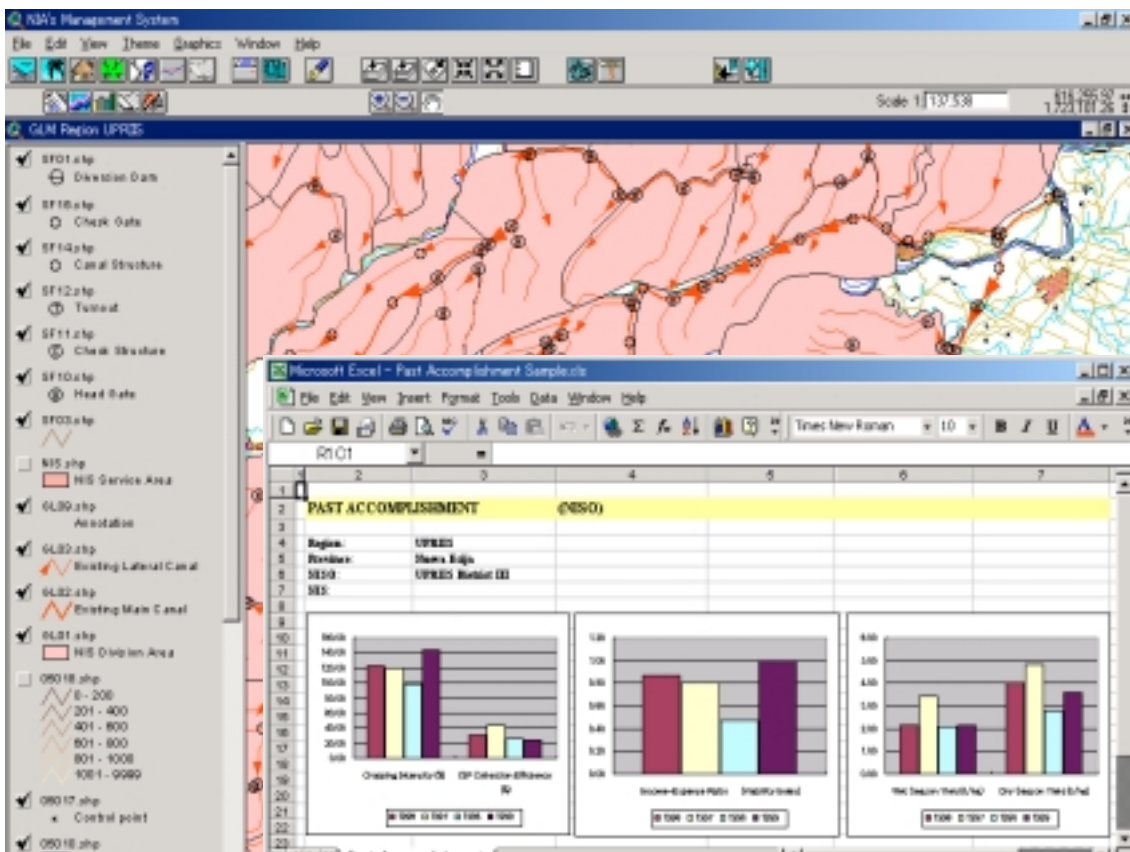


River Information

図4.4 サンプル・アウトプット (縮尺1:50,000 地図レベルGIS データベース) (3/5)

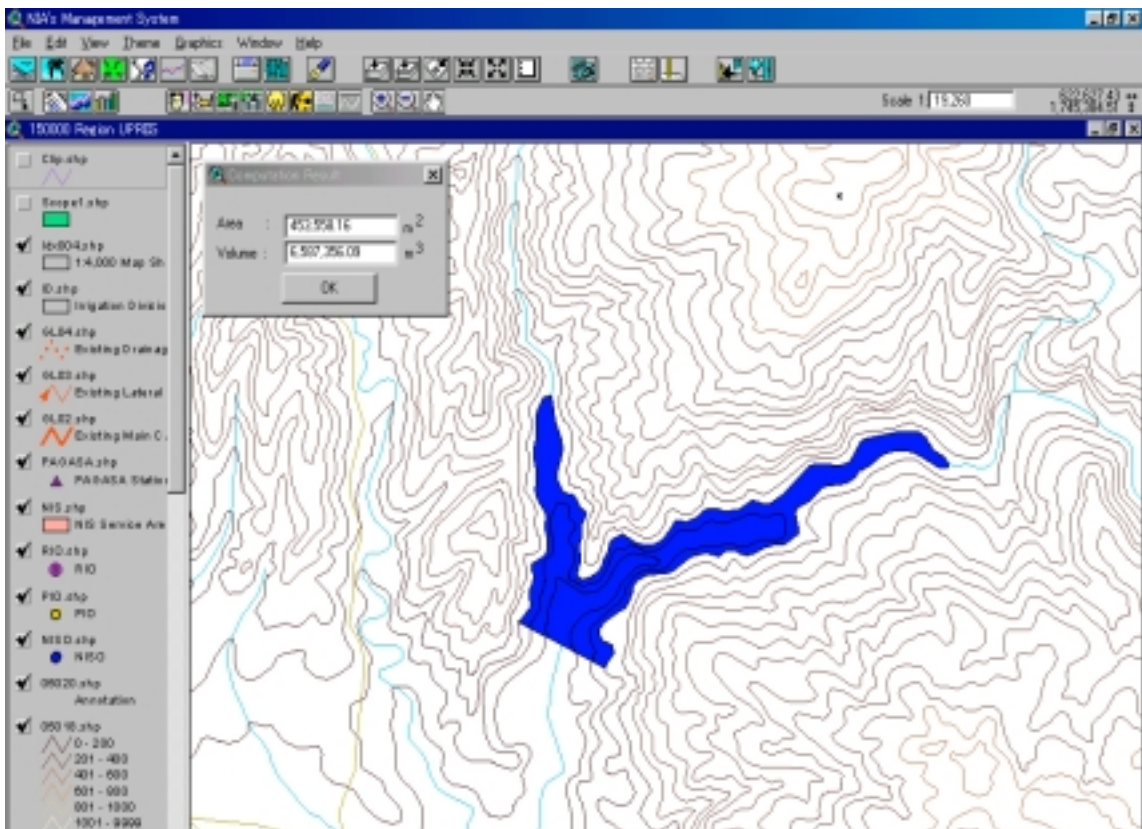
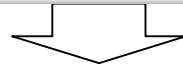
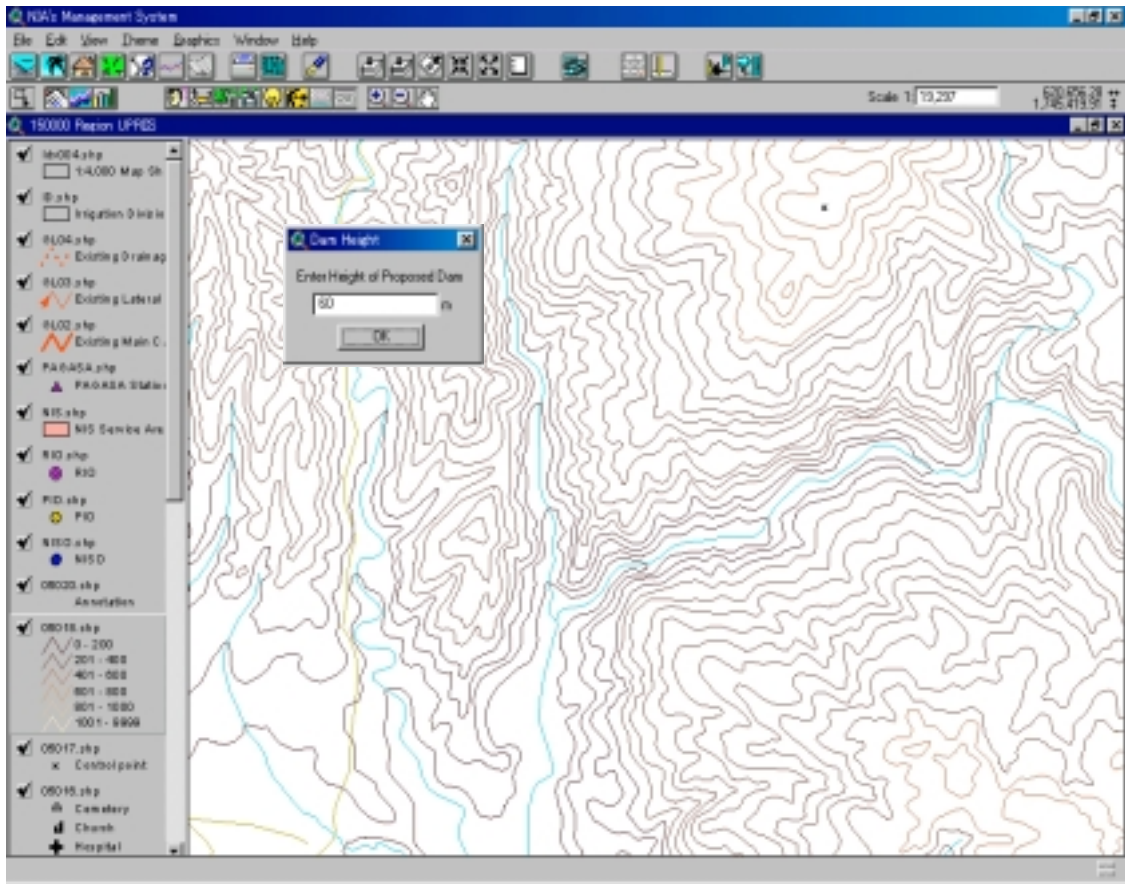


Facility Feature



Past Accomplishment

図4.4 サンプル・アウトプット (縮尺1:50,000 地図レベルGIS データベース) (4/5)



Calculation of Reservoir Volume & Water Surface Area of Proposed Reservoir

図4.4 サンプル・アウトプット (縮尺1:50,000 地図レベルGIS データベース) (5/5)