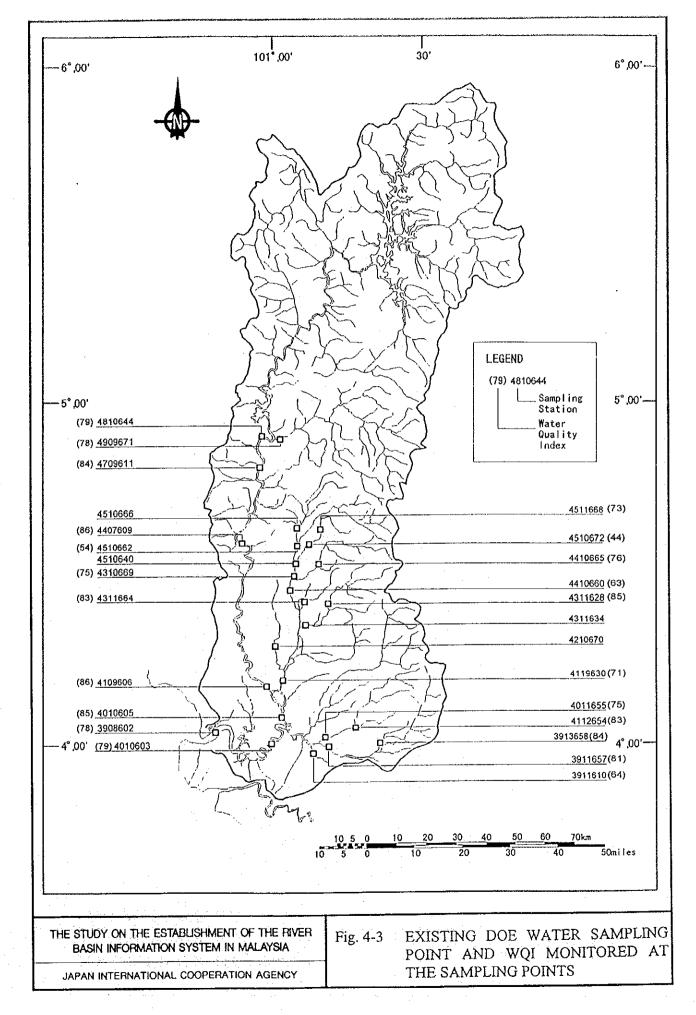
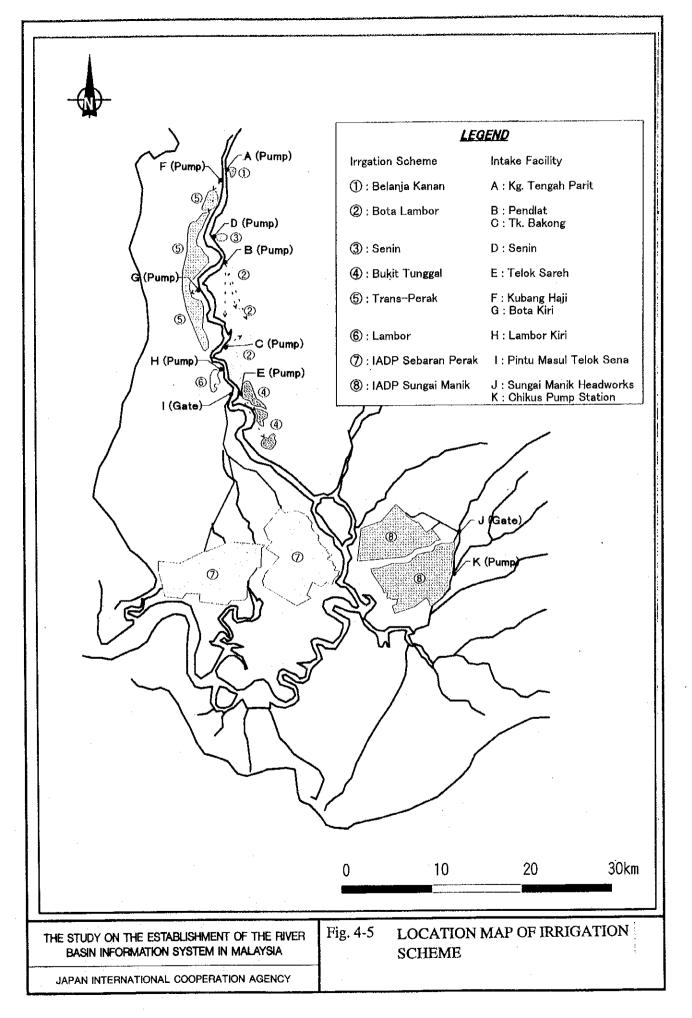


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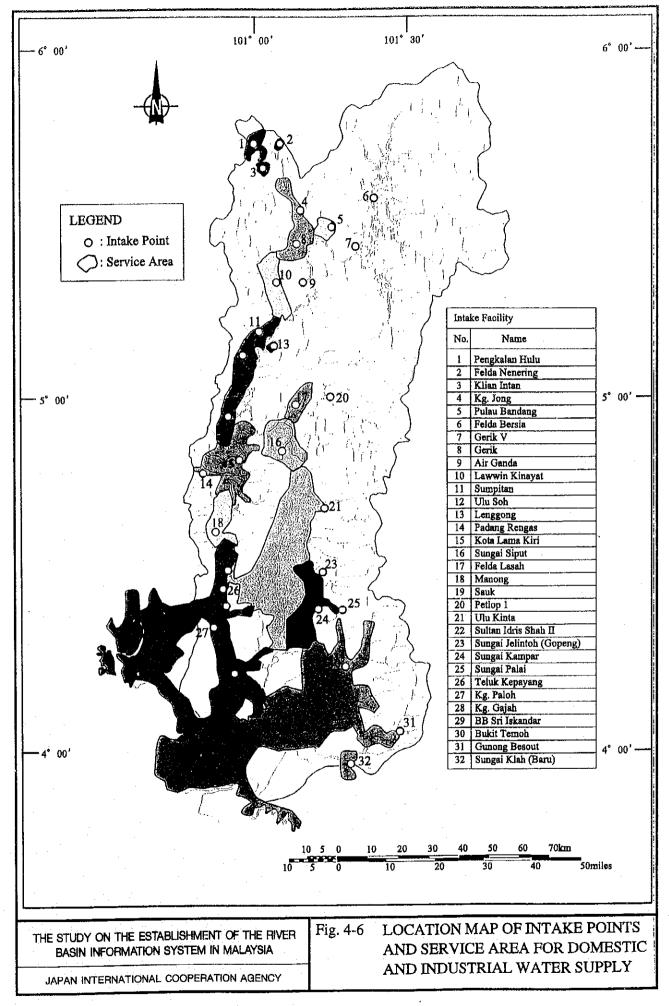


River	No.	Name of Scheme Tran-Perak Stage IV Embankmen	Existing/ Proposed Existing	
Perak	କାର୍ଭ୍ତ	Tran-Perak Stage IV Embankmen Lambor Kiri Embankment Stage 1 Drain Embankment Perak Flood Bypass	Existing Existing Proposed	
Kinta	000000000	Ipoh Flood Mitigation Scheme Kinta Conservancy Scheme Malaysia Mining Company Diversio Pari Scheme	Existing Existing Existing Existing	
	0 0 0	Dg. Kinta Upgrading Scheme Bund Upgrading (1) Bund Upgrading (2)	Proposed Proposed Proposed	Í
		J (CH.	INDEROH DAM	
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		$\langle \rangle$		
		ESI		
		RIVER		
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			1.	
		- BEST	0 10 20	30 Km
THE STU		THE ESTABLISHMENT OF THE RIVER	Fig. 4-4 LOCATION MAP OF EXISTING AN	
BAS	IN INF	DRMATION SYSTEM IN MALAYSIA	PROPOSED FLOOD MITIGATION WORKS	
JA	APAN INI	ERNATIONAL COOPERATION AGENCY	F - 6	<b></b>
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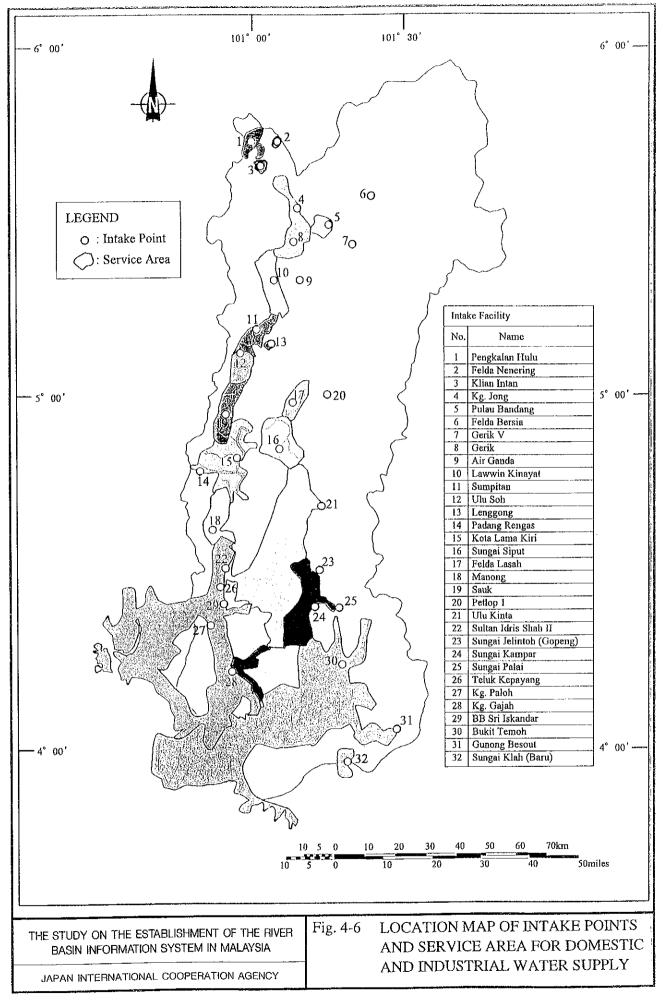


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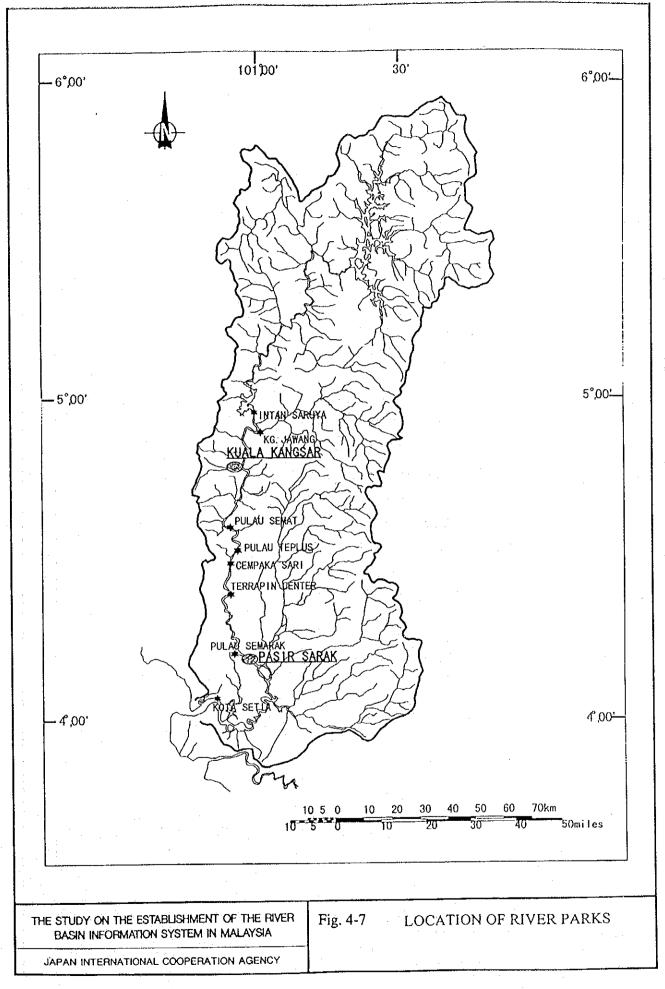


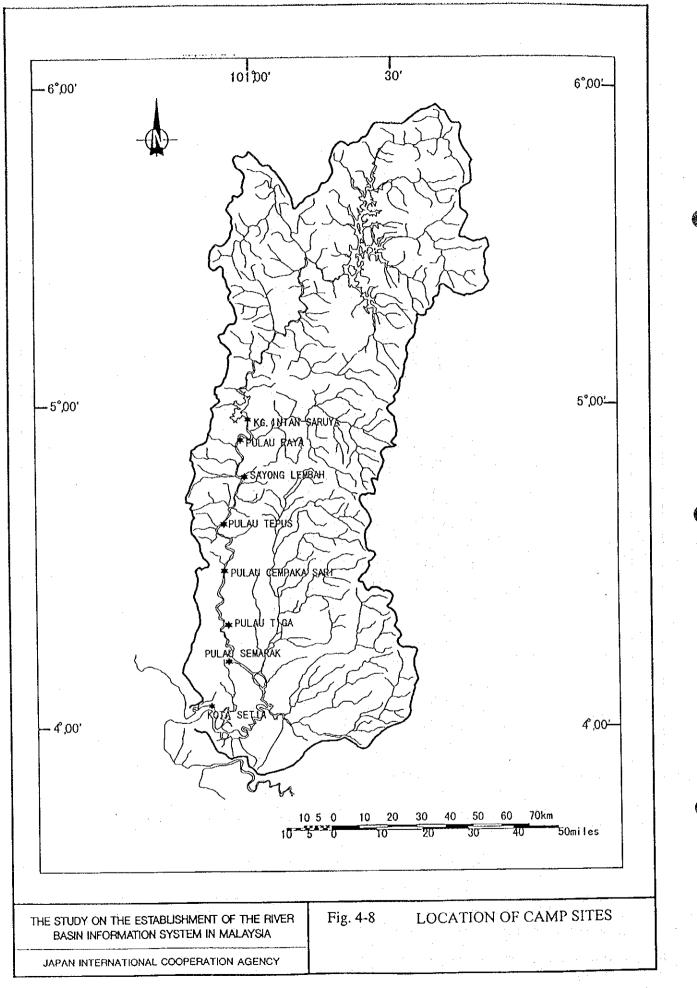
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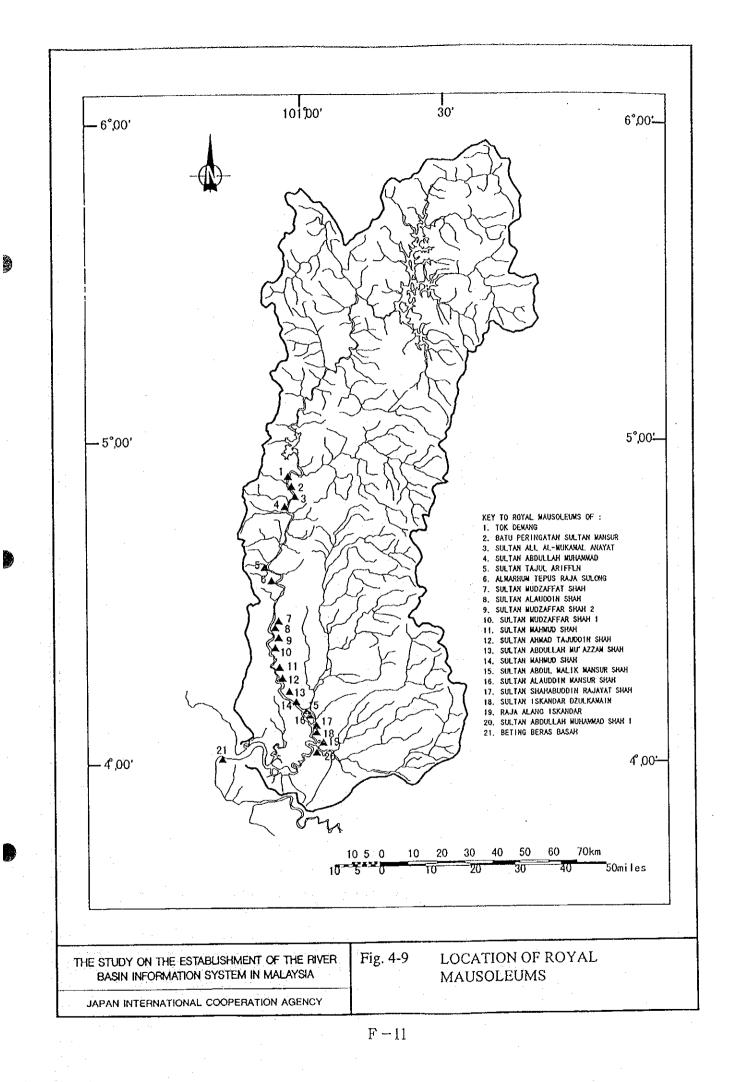


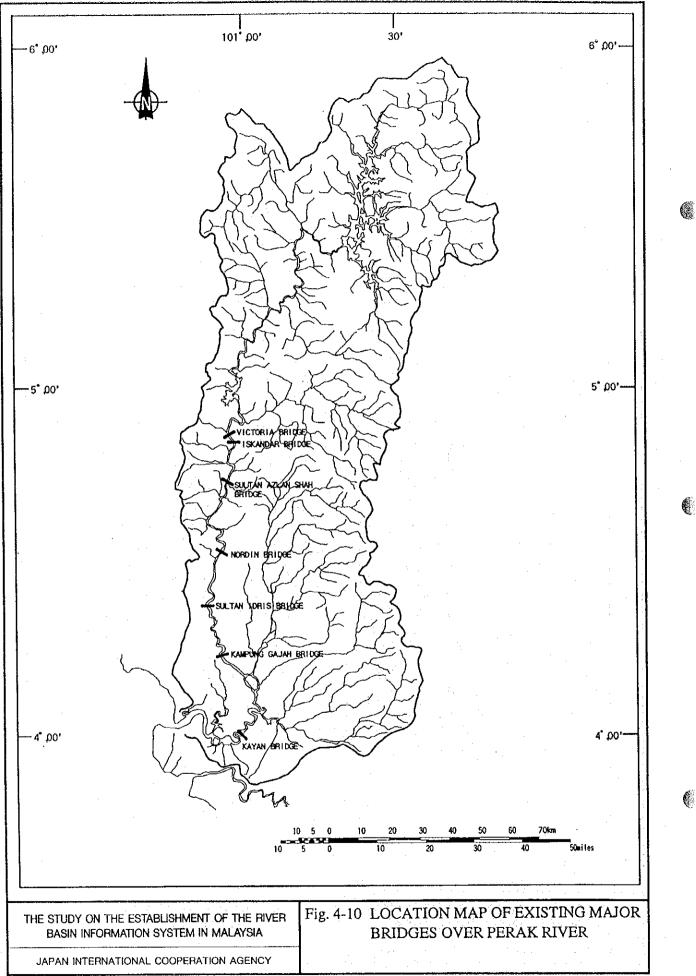
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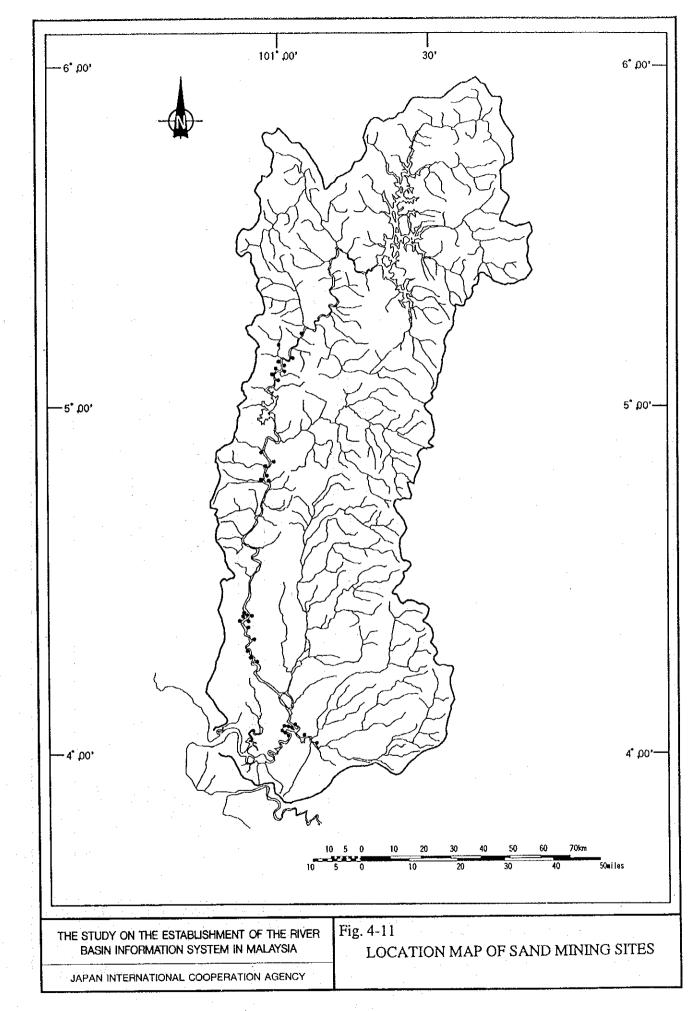
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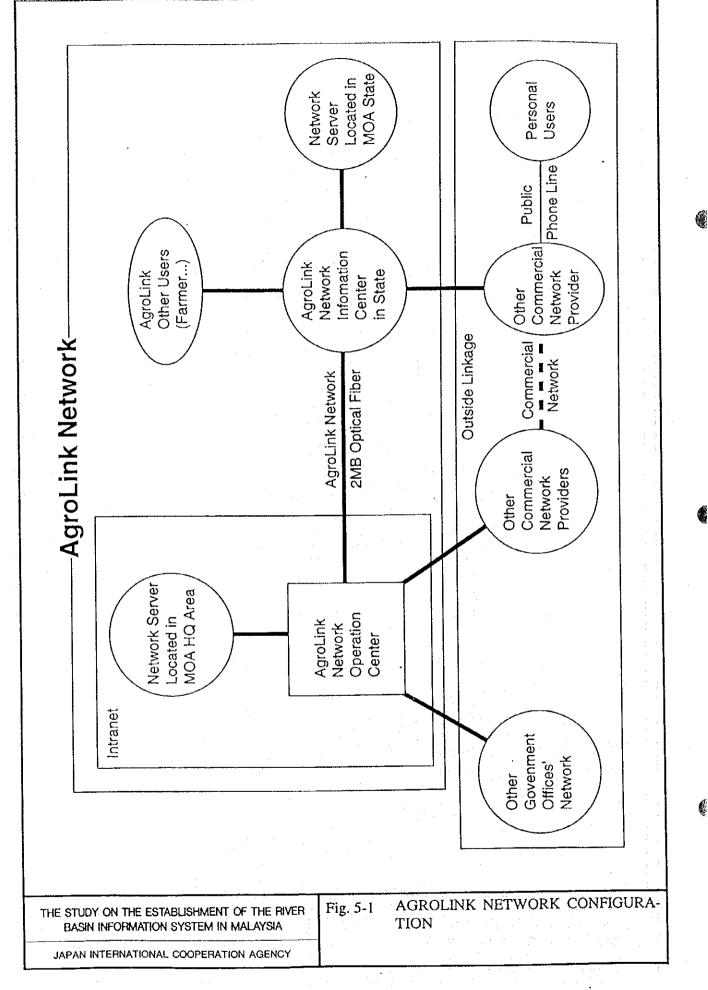






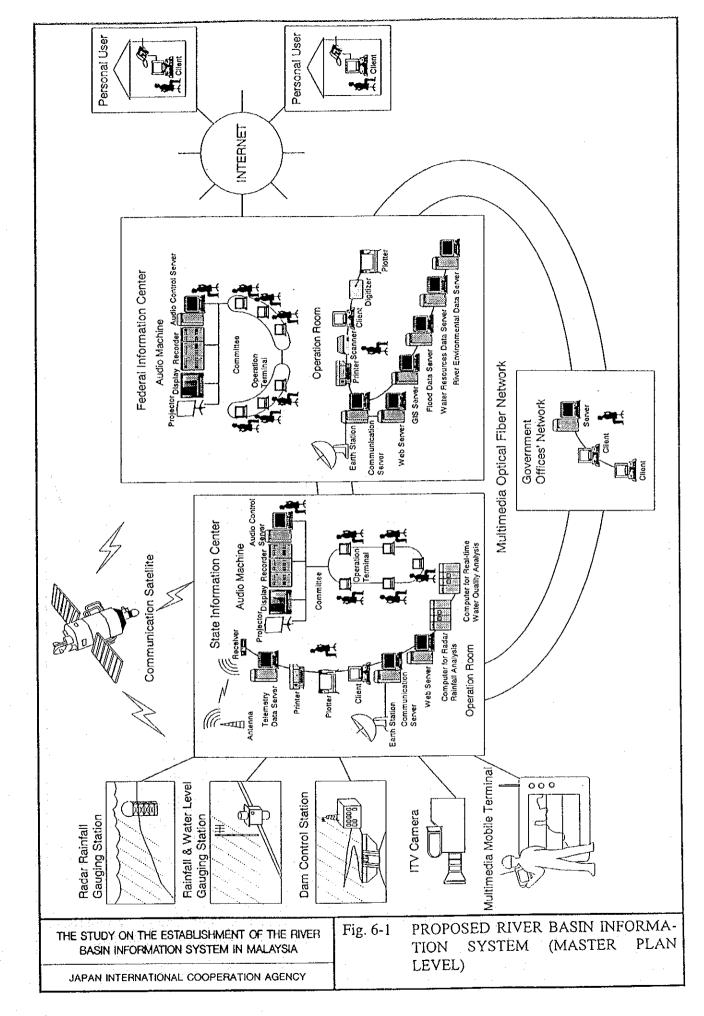


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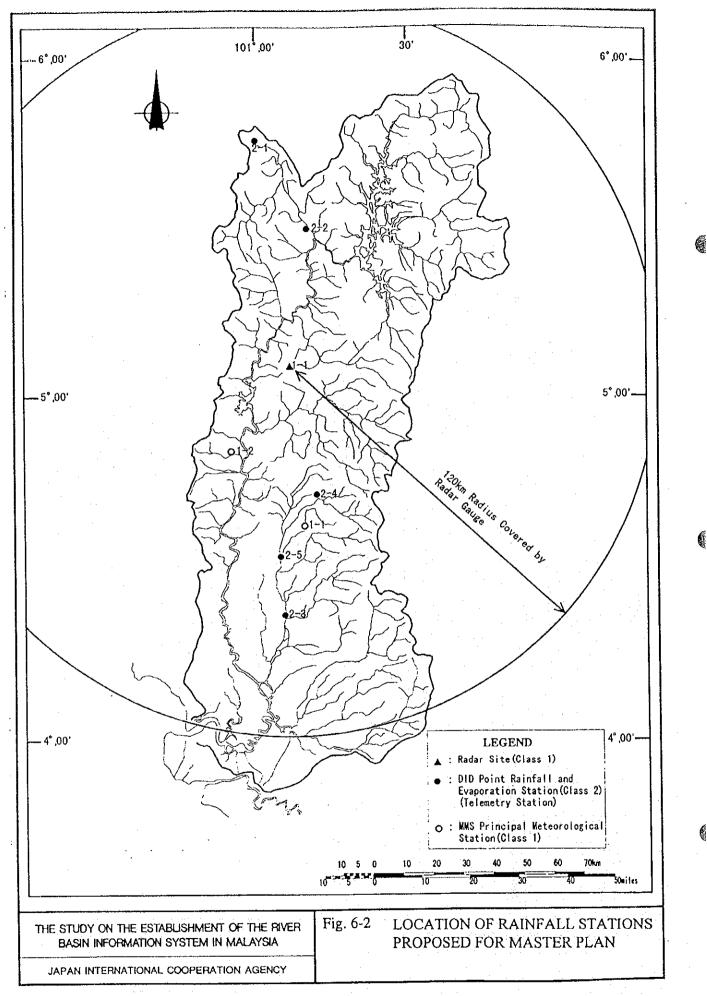


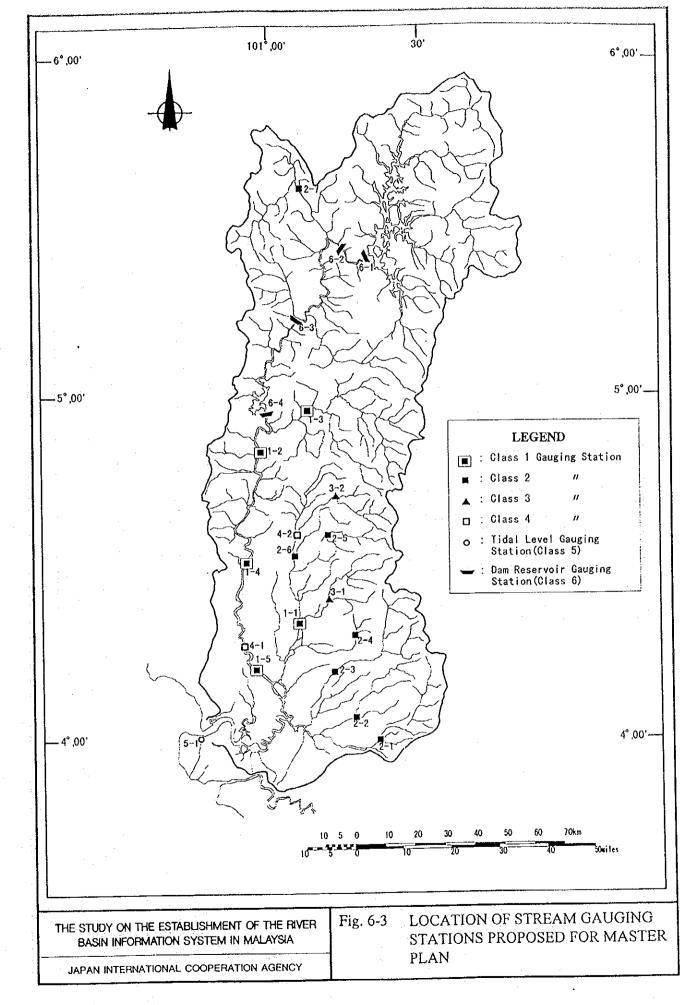
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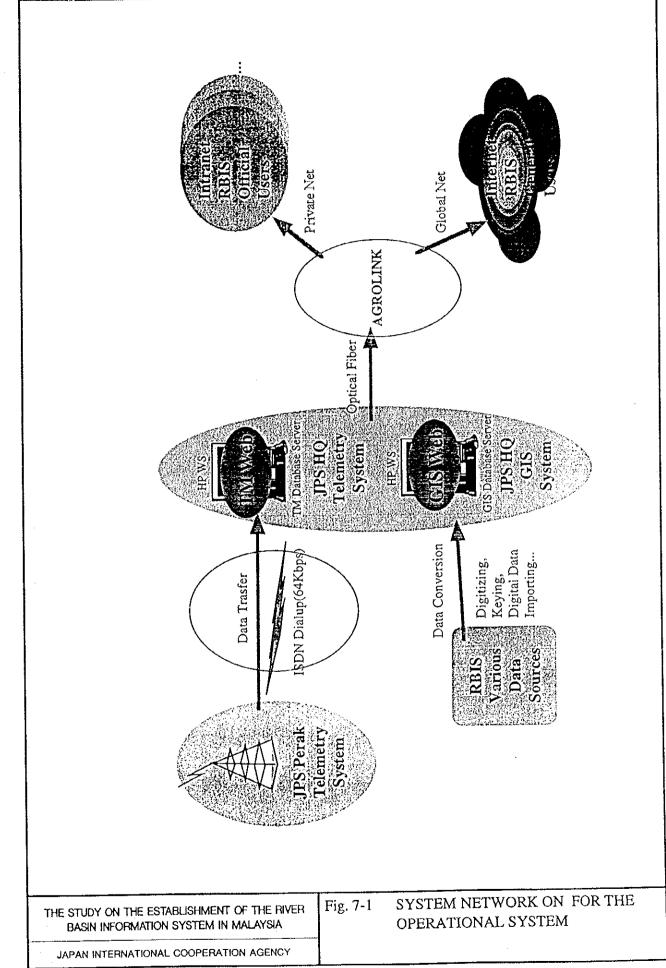




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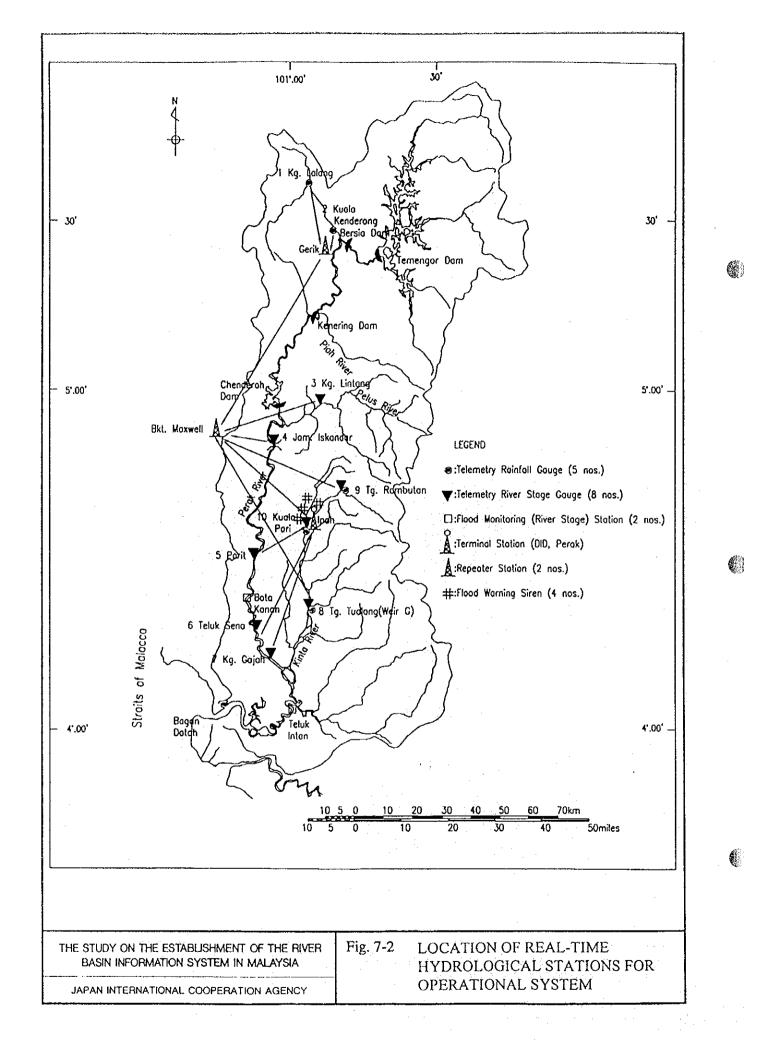
Items to be Estbalished	8th MP	9th MP	10th MP	11th MP
	(2001-2005)	(2006-2010)	(2011-2015)	(2016-2020)
1. Gauging/Monitoring System				
(1) Water stage gauging (expansion of the existing netwok)	•			
(2) Portable information terminal (PIT)	•			
(3) Automatic water quality gauge		•		
(4) Radar rainfall gauge			•	
(5) Industrial television (ITV)				•
2. Processing System				
(1) Data base server	•			
(2) Input/output devices	•			
(3) Computer for analysis of real-time water quality data		•		
(4) Computer for analysis of radar rainfall gauge data			•	
(5) Audio Control Server				•
3. Data Transmission System				
(1) Telemetry system (expansion of the existing system)	•			
(2) Optical fiber network (between KL - Ipoh and within the area of KL)	•			
(2) Telemetry system (for real-time water quality)		•		
(3) Maltiplex radio wave system (for radar rainfall gauge)			•	
(4) Optical fiber network (within Perak river nasin)				•

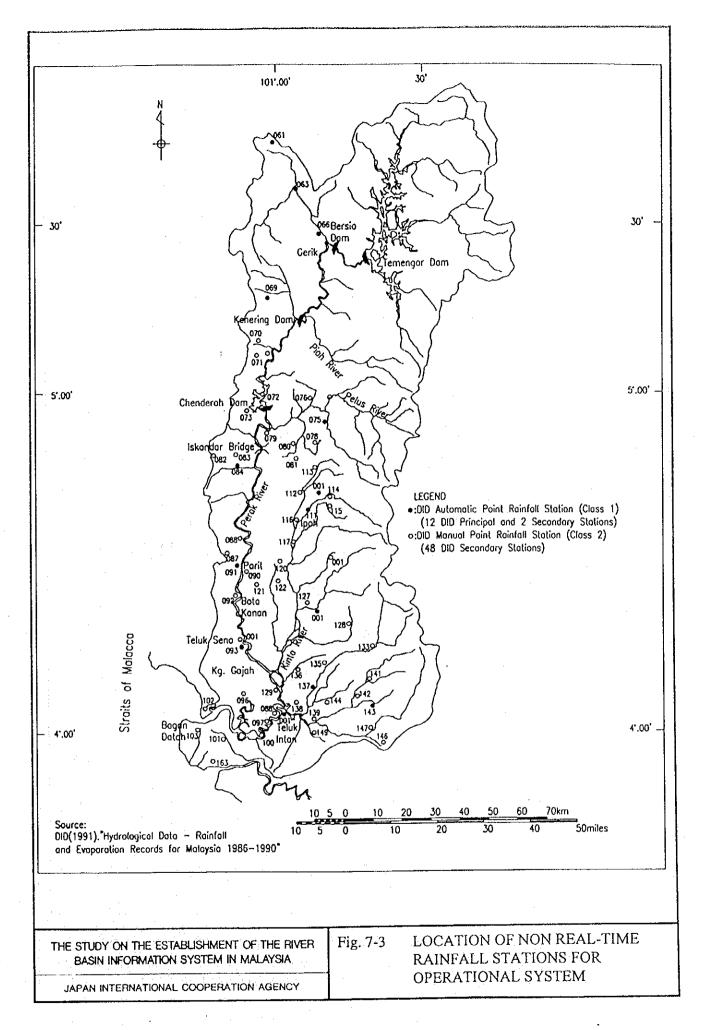
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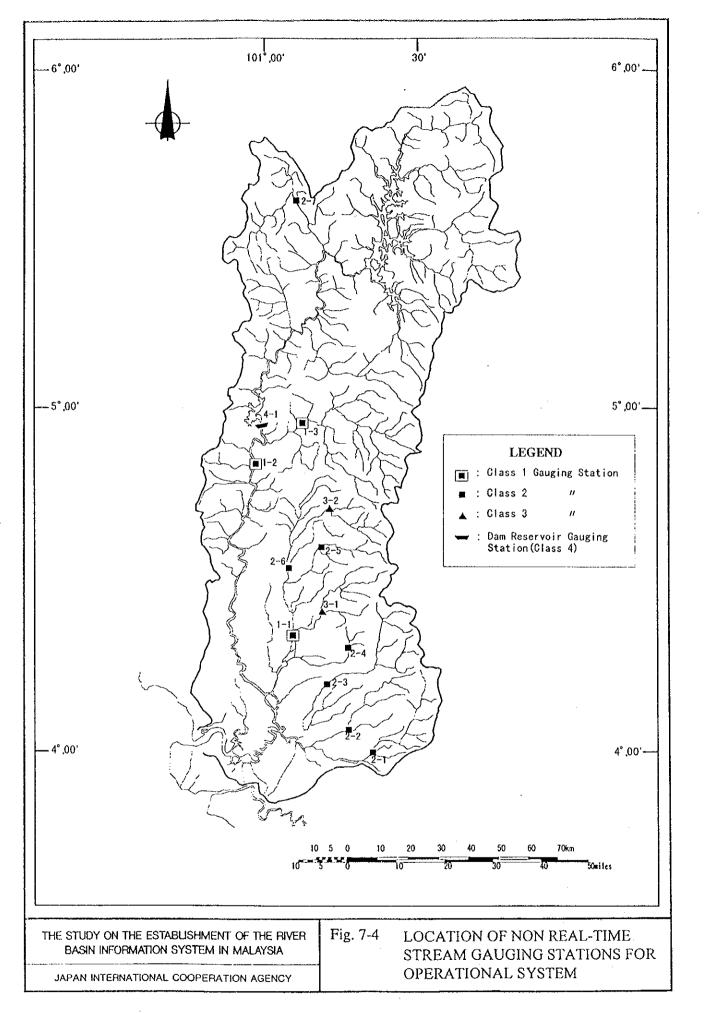


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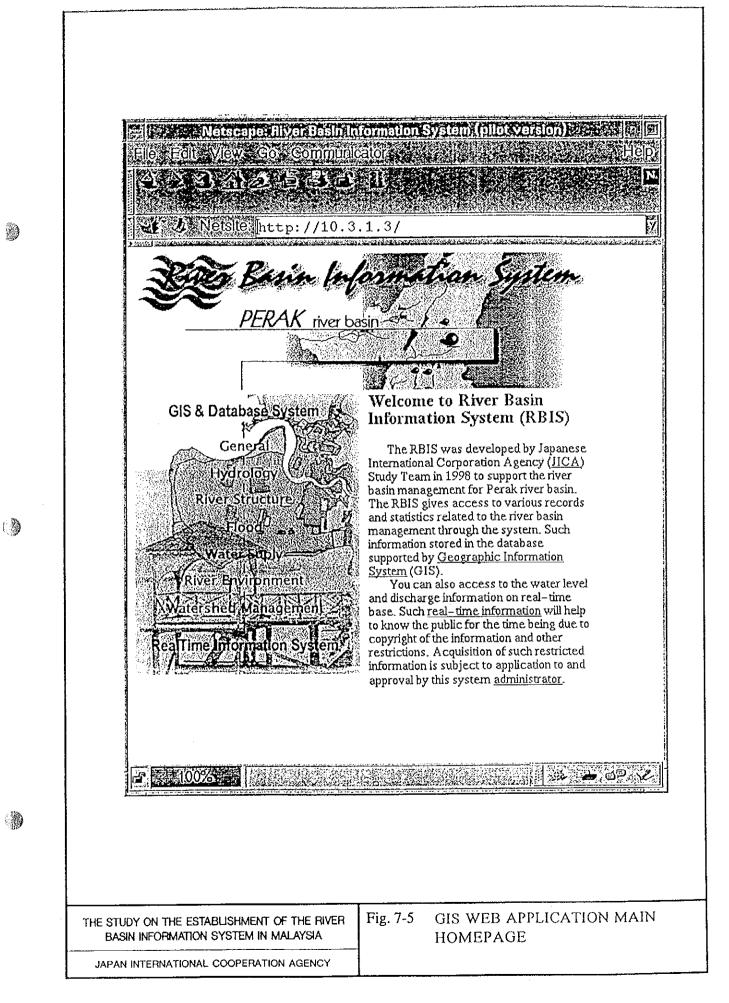






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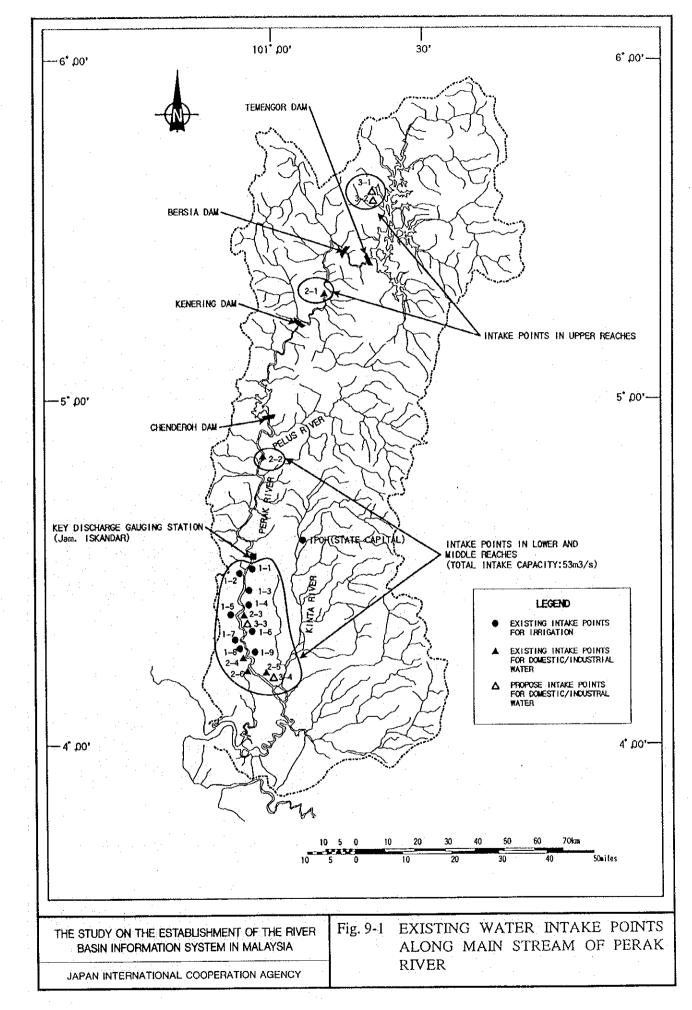
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	12th Month				- 8 -												
	11th Month				Training for System Operation and Maintenance				T								
	10th Month				ystem Operation		- 6 1	Web Server Set up		doption					•		
	9th Month		l Installation & d Software		Training for S	Hardware Setup	Software Installation	We		Database Input Work Adoption	Database	Program Design	Programming				
	7th Month		Procurement, Delivery and Installation & Adjustment of Hardware and Software			Harc	So	1 	<u> </u>	Databa		Progra	·		•		
	6th Month	Tendering	l Procuremen Adjustment	Preparatory						· · · · · · · · · · · · · · · · · · ·							
	5th Month					-											
• •	4th Month						-			••••••••••••••••••••••••••••••••••••••		-	· · · · · · · · · · · · · · · · · · ·	- - - -			
	3rd Month						System Design					· · ·					
	2nd Month					36											
	1st Month				:	System Planning							• •				
	Period Undertaken by	JICA	Supplier	QIQ		Study Team											
ie stue Basii	E STUDY ON THE ESTABLISHMENT OF THE RIVER BASIN INFORMATION SYSTEM IN MALAYSIA						g. 7-	6	IMP SET	'LEN 'UP	IEN OF	ГАТІ OPE	ON : RATI	SCH ION	IEDUL AL SY	e foi Stem	3

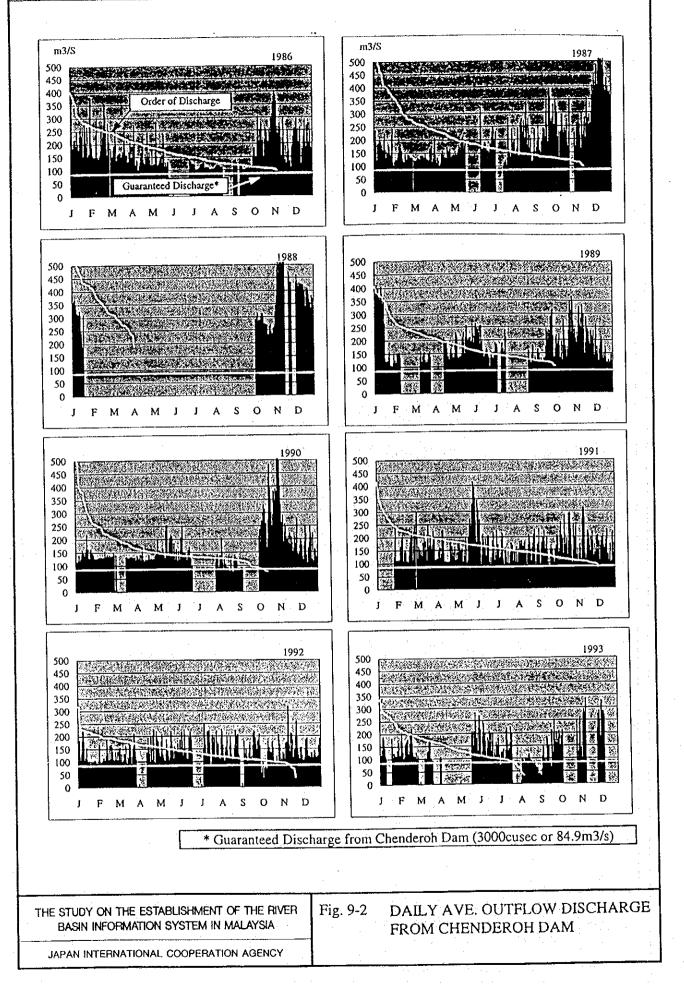
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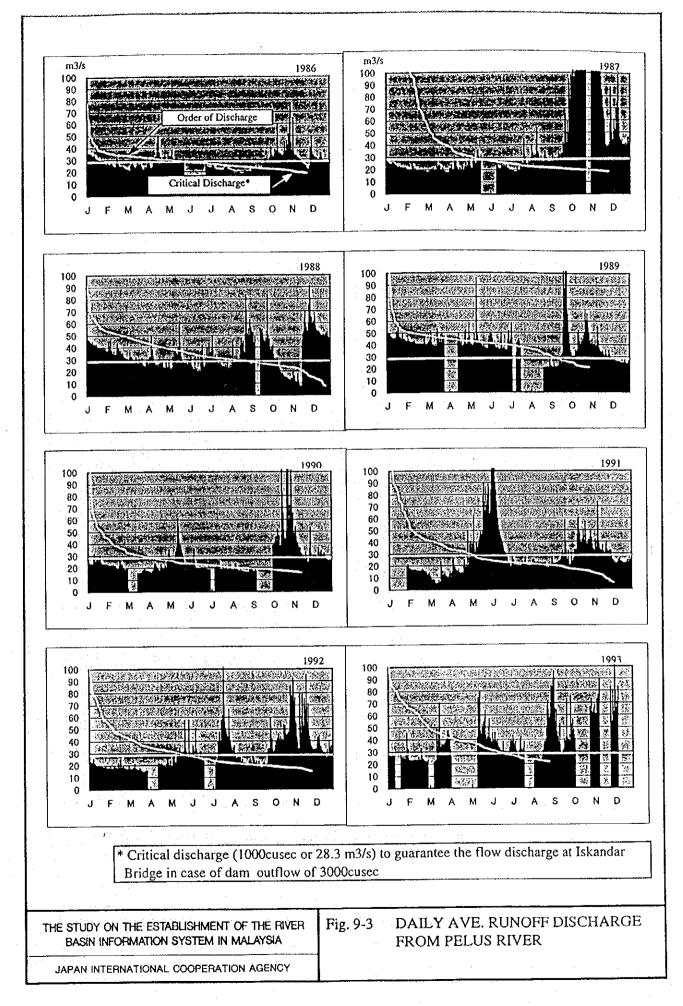


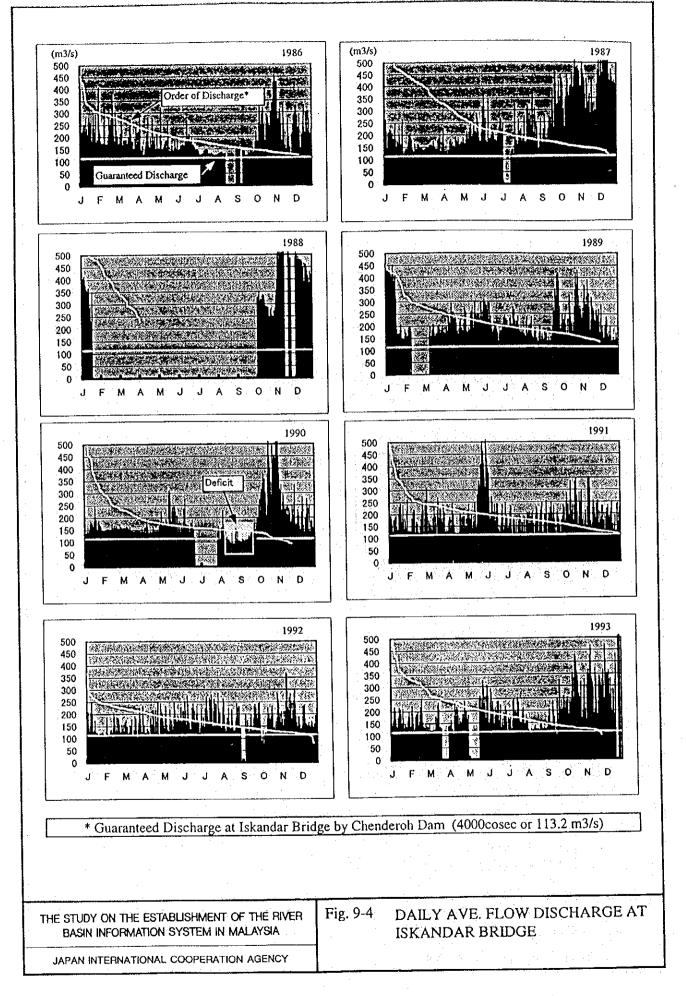
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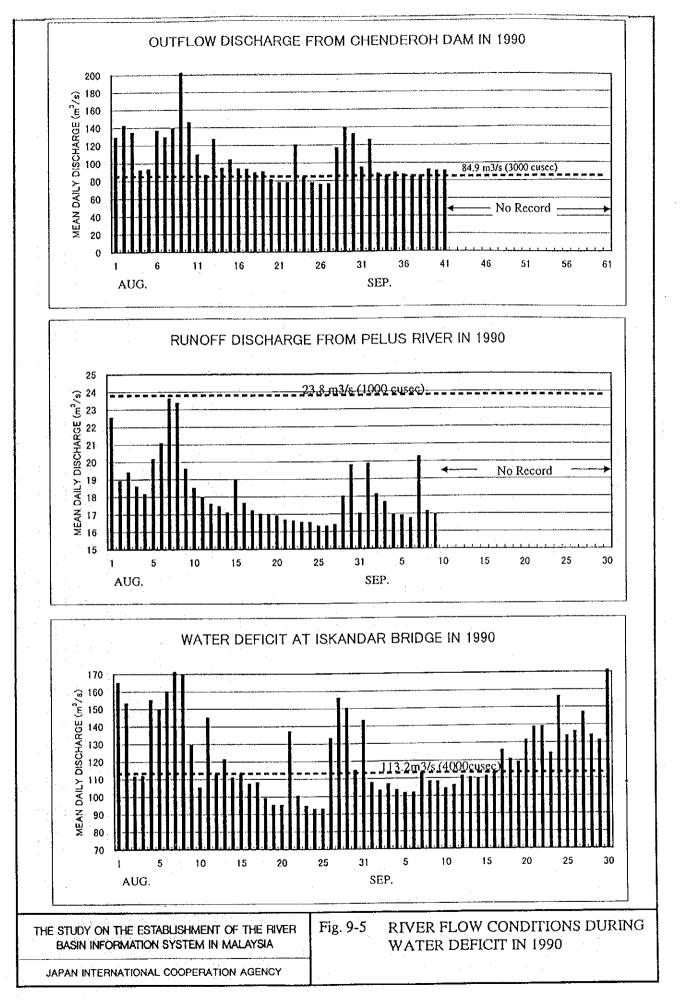


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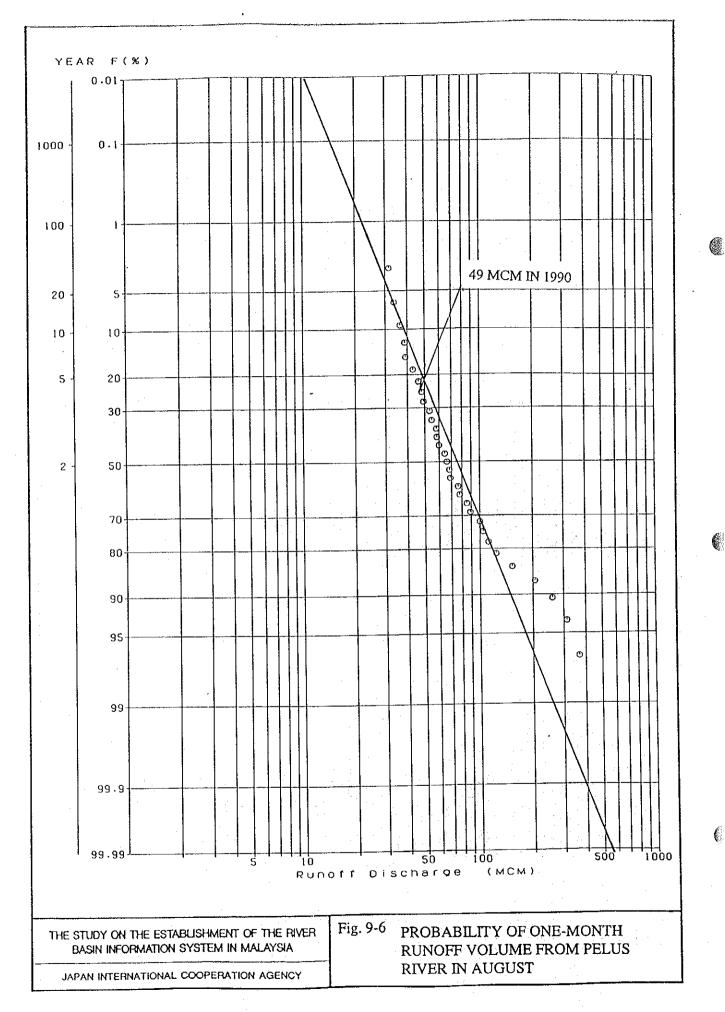


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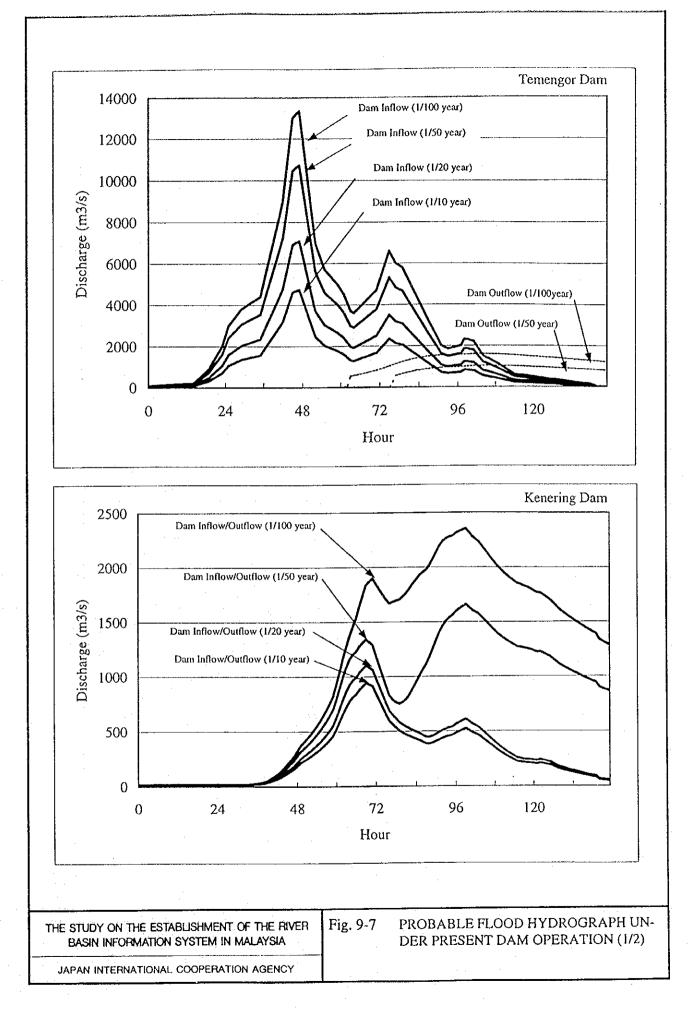


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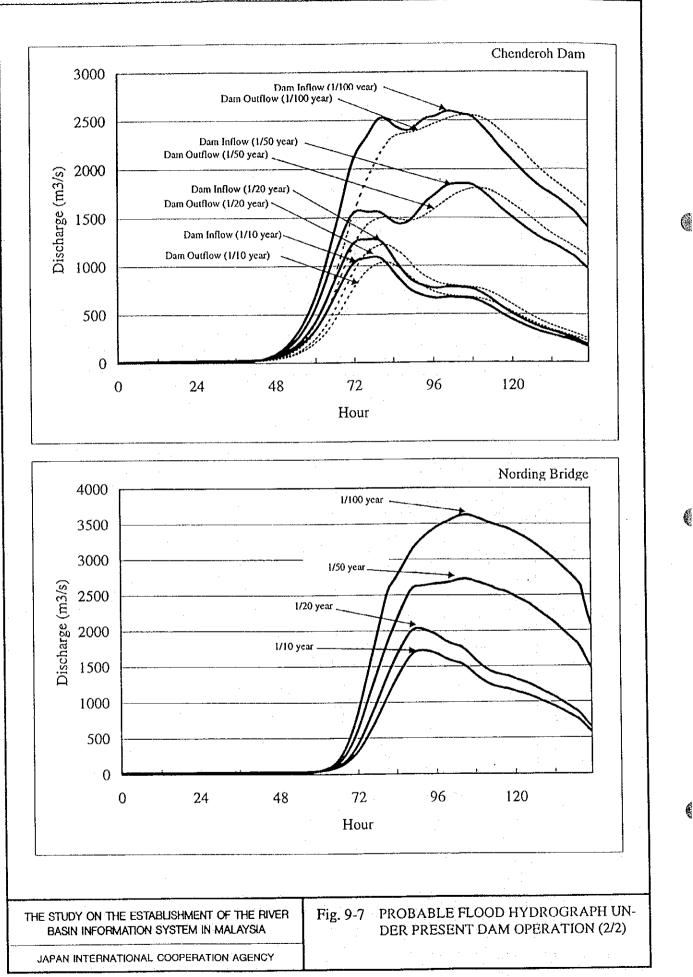
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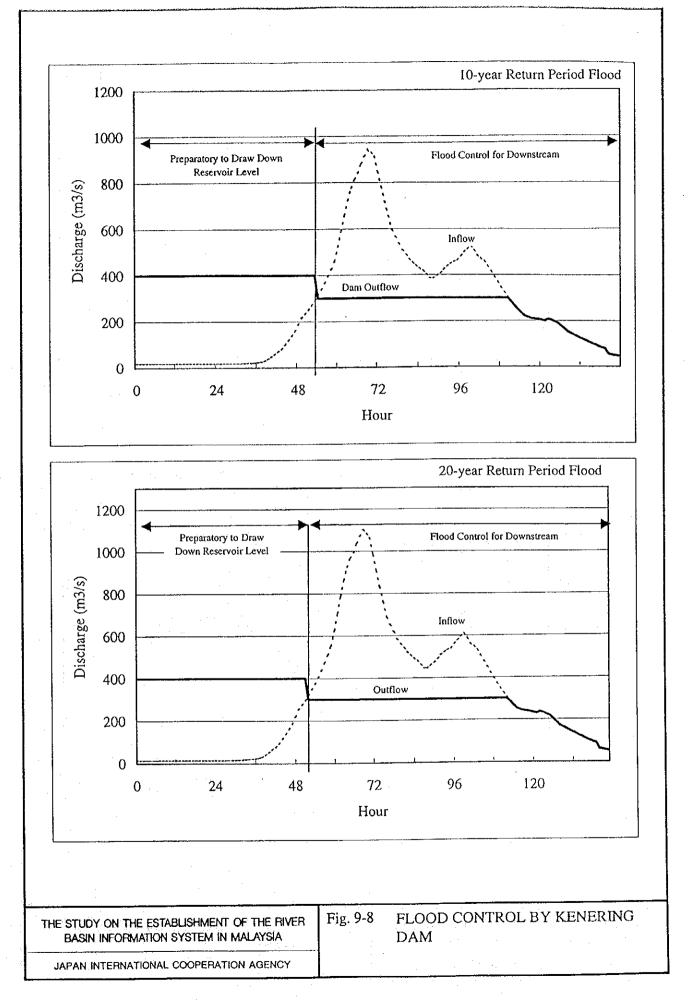
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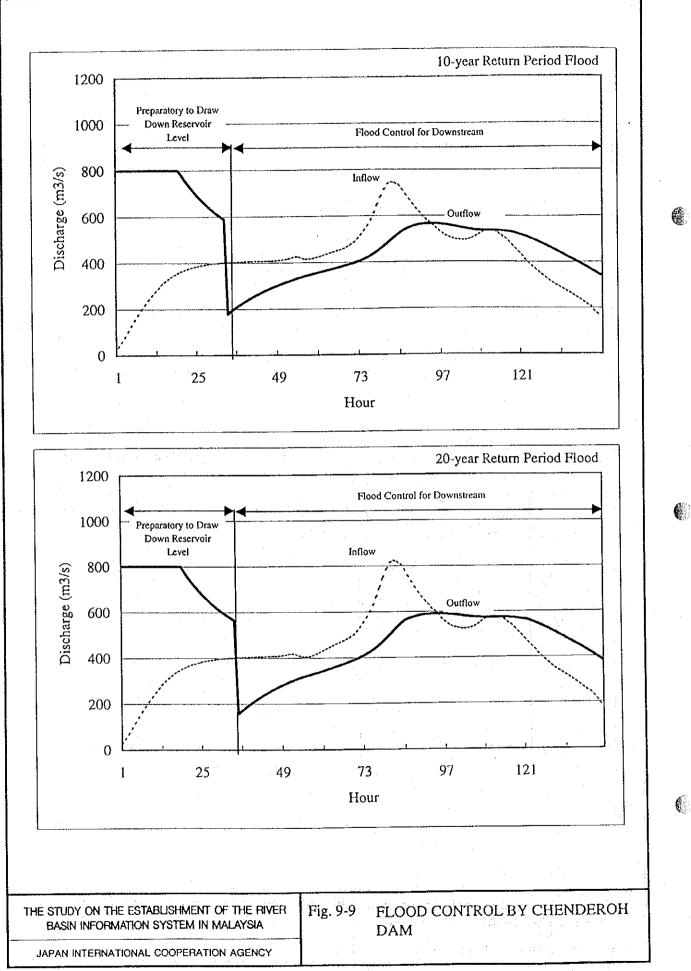


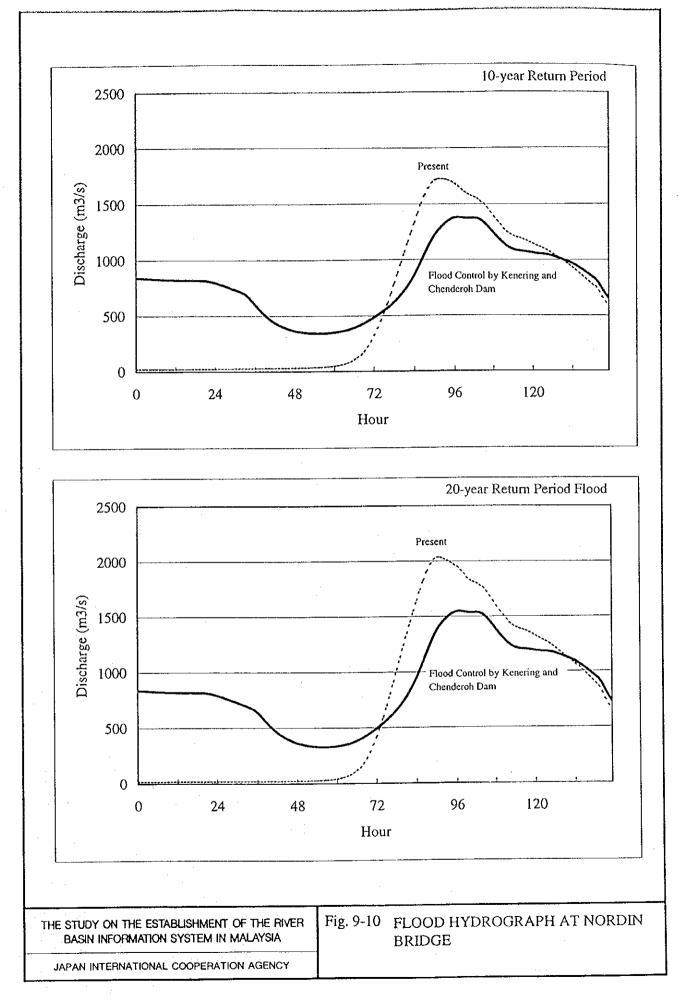
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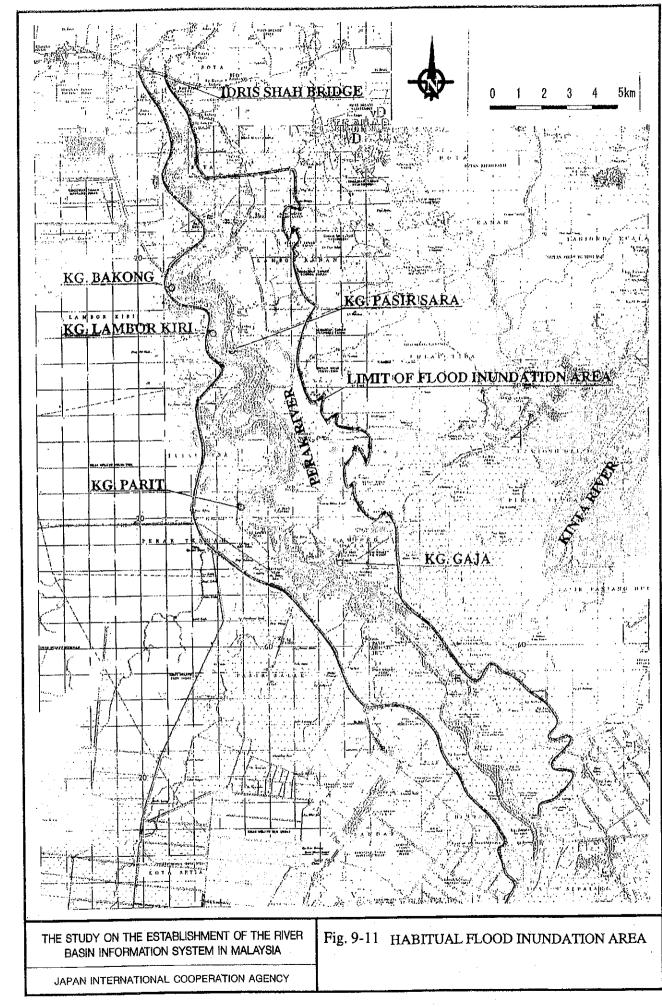
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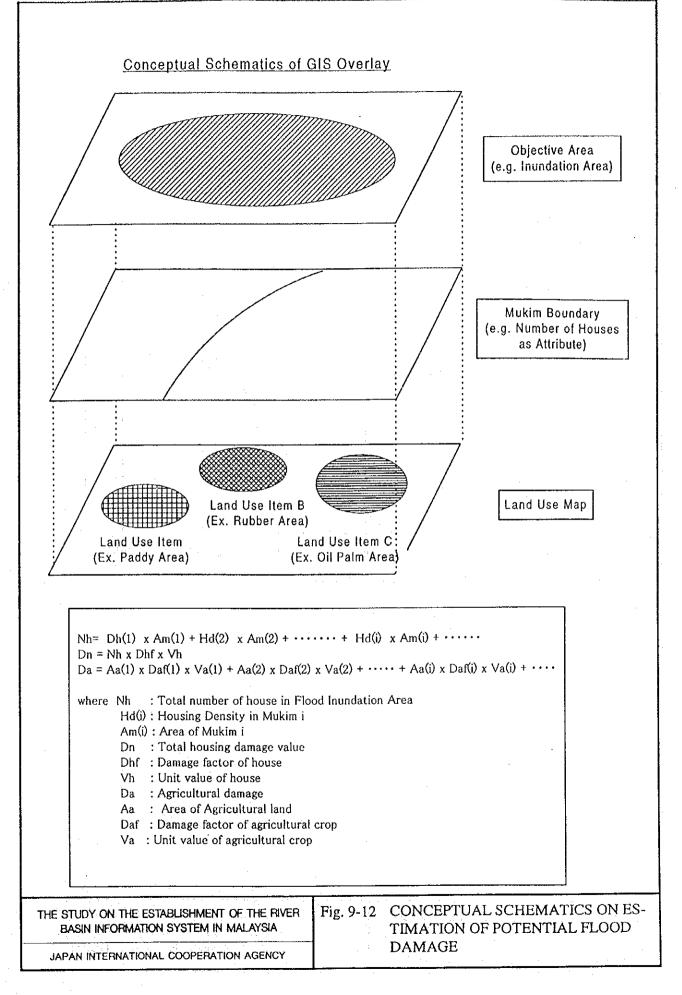




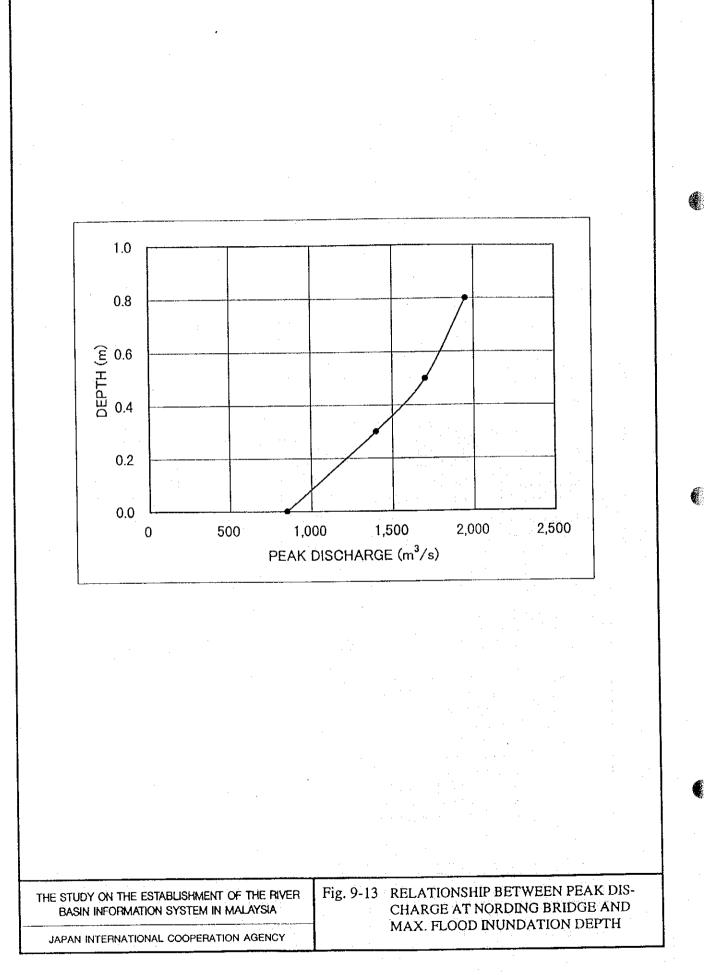
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