

**Directorate General of Water Resources  
Ministry of Public Works  
The Republic of Indonesia**

**THE STUDY  
ON  
COUNTERMEASURES FOR SEDIMENTATION  
IN  
THE WONOGIRI MULTIPURPOSE DAM RESERVOIR  
IN  
THE REPUBLIC OF INDONESIA**

**FINAL REPORT**

**VOLUME-VII PHOTO BOOK**

**JULY 2007**

**JAPAN INTERNATIONAL COOPERATION AGENCY**

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**NIPPON KOEI CO.,LTD  
YACHIYO ENGINEERING CO.,LTD**

# FINAL REPORT

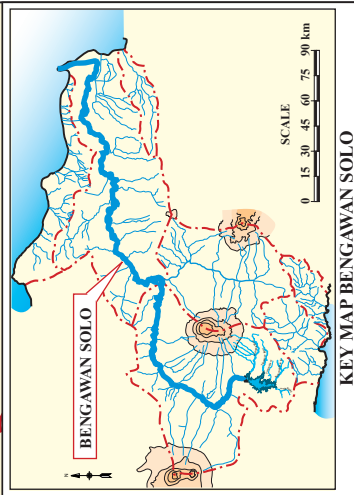
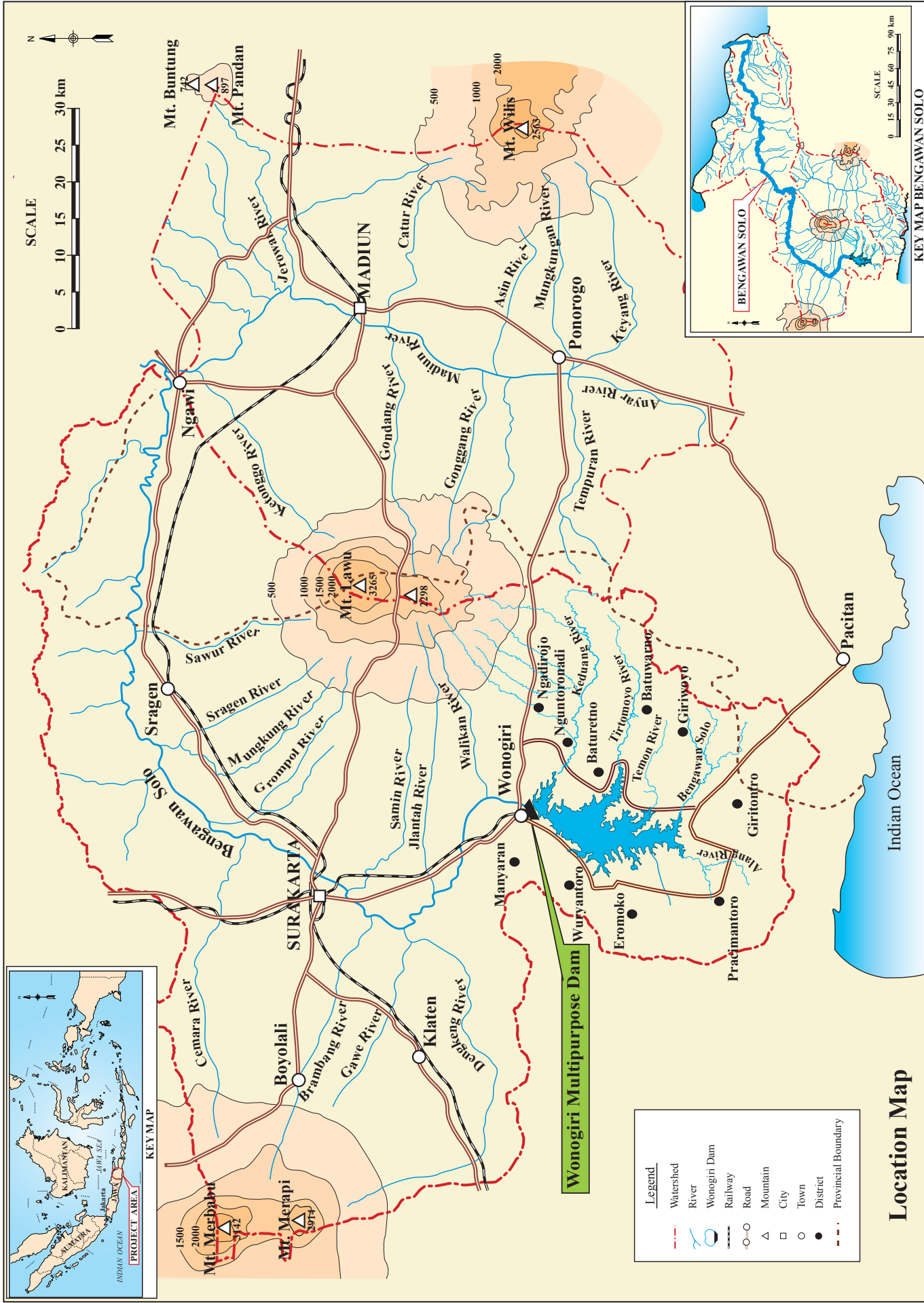
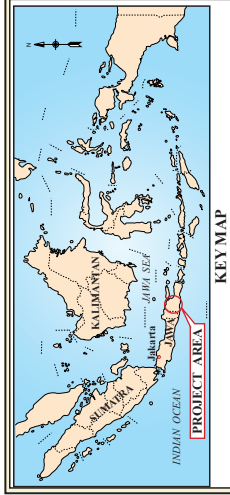
## Composition of Reports

- VOLUME-I EXECUTIVE SUMMARY
- VOLUME-II MAIN REPORT  
Part I : Master Plan Study  
Part II : Feasibility Study
- VOLUME-III SUPPORTING REPORT I
- Annex No.1 Hydrology  
No.2 Geological Condition  
No.3 Assessment of Wonogiri Reservoir Sedimentation  
No.4 Reservoir Sedimentation Analysis  
No.5 Verification Test for Hydro-Suction System for Sediment Removal  
No.6 Turbidity Analysis for Downstream Reaches, Solo River Estuary and Colo Weir
- VOLUME-IV SUPPORTING REPORT II
- Annex No.7 Preliminary Design and Technical Evaluation on Structural Sediment Management Alternatives  
No.8 Environmental and Social Considerations (IEE and EIA)  
No.9 Watershed Conservation and Management
- VOLUME-V SUPPORTING REPORT III
- Annex No.10 Social Survey  
No.11 Institutional Study for Watershed Management  
No.12 Cost Estimate  
No.13 GIS User's Manual  
No.14 GIS Training  
No.15 Dam Safety Analysis  
No.16 News Letters  
No.17 Minutes of Meetings
- VOLUME-VI DATA BOOK
- No.1 Meteorological and Hydrological Data  
No.2 Water Quality and Turbidity

**VOLUME-VII PHOTO BOOK**

### EXCHANGE RATE

The exchange rate used in this Study is:	
Master Plan Study	US Dollar (US\$) 1.00 = Indonesia Rupiah (Rp.) 10,035 = Japanese Yen (Y) 119.63 as of December 2005
Feasibility Study	US Dollar (US\$) 1.00 = Indonesia Rupiah (Rp.) 9,050 = Japanese Yen (Y) 118.92 as of December 2006



Location Map

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**PHOTO BOOK**

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## 1. COORDINATION BODY OF THE JICA STUDY

### 1.1 Steering Committee (1/2)



First Steering Committee Meeting on Inception Report on August 31, 2004



First Steering Committee Meeting on Inception Report on August 31, 2004



Meeting with PJT I Bengawan Solo in Surakarta on Inception Report on September 3, 2004



Second Steering Committee Meeting on Progress Report (1) on January 19, 2005



Third Steering Committee Meeting on Progress Report (2) on August 22, 2005



Third Steering Committee Meeting on Progress Report (2) on August 22, 2005



## 1. COORDINATION BODY OF THE JICA STUDY

### 1.1 Steering Committee (2/2)



*Forth Steering Committee Meeting on Progress Report (3) on March 22, 2006*



*Fifth Steering Committee Meeting on Interim Report on July 4, 2006*



*Sixth Steering Committee Meeting on Interim Report on July 19, 2006*



*Seventh Steering Committee Meeting on Draft Final Report on February 27, 2007*



*Eighth Steering Committee Meeting on Draft Final Report on May 30, 2007*



*Eighth Steering Committee Meeting on Draft Final Report on May 30, 2007*

## 1. COORDINATION BODY OF THE JICA STUDY

### 1.2 Organizations Concerned



*PBS (Bengawan Solo River Basin Development Office) Office, Surakarta*



*PJTI (Public Water Service Corporation) Bengawan Solo Office, Surakarta*



*Seberas Maret University, Surakarta*



*Gajah Mada University, Yogyakarta*



*PJTI Bengawan Solo Wonogiri Dam Office, Kabupaten Wonogiri*



*Government Office of Kabupaten Wonogiri*



# 1. COORDINATION BODY OF THE JICA STUDY

## 1.2 Organizations Concerned



*Agricultural Services Office, Kabupaten Wonogiri*



*Forestry Services Office, Kabupaten Wonogiri*



*BPDAS Solo (Solo River Management Office, Ministry of Forestry), Surakarta*



*BP2TPDAS (Watershed Management Center, Ministry of Forestry), Surakarta*