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The confluence of water and power: water management in the Brantas river basin from the tenth to the sixteenth century CE
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Citation

Prasodjo, T. (2022, January 27). *The confluence of water and power: water management in the Brantas river basin from the tenth to the sixteenth century CE*. Retrieved from <https://hdl.handle.net/1887/3254360>

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The Confluence of Water and Power

Water Management in the Brantas
River Basin from the Tenth to the
Sixteenth Century CE

Tjahjono Prasodjo

Cover Photo:

A reproduction image of *Relief van Trawoelan in N.J. Krom. Inleiding tot de HindoeJavaansche kunst. Derde Deel* ('s-Gravenhage: Martinus Nijhoff, 1923): plate 67.

Cover Design:

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Layout Design:

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The Confluence of Water and Power

Water Management in the Brantas River Basin
from the Tenth to the Sixteenth Century CE

Proefschrift

ter verkrijging van
de graad van doctor aan de Universiteit Leiden,
op gezag van rector magnificus prof.dr.ir. H. Bijl,
volgens besluit van het college voor promoties
te verdedigen op donderdag 27 januari 2022
klokke 10.00 uur

door
Tjahjono Prasodjo

geboren te Yogyakarta (Indonesia), in 1962

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Acknowledgements

I have been indebted to quite a number of Institutions and persons for help, guidance and advice, and I have tried to acknowledge such obligations in my dissertation.

Firstly, I would like to express my sincere gratitude to my supervisors Prof. Dr. J.J.L. Gommans and Prof. Dr. M.J. Klokke for the continuous support of my Ph.D. study. Without their assistance and dedicated involvement in every step throughout the process, this thesis would have never been accomplished.

I would like to thank the following institutions for helping with my Ph.D. study: The Faculty of Sciences at Universitas Gadjah Mada and The Institute for History at Leiden University. Thanks to all my colleagues at Department of Archaeology, Universitas Gadjah Mada who always encourage me in pursuing the degree. I am indebted to the Yayasan Arsari Djojohadikusumo and Cosmopolis Leiden University for their generous funding, and also Universitas Gadjah Mada which provided funding support during my additional stay in Leiden.

Special thanks to Balai Pelestarian Cagar Budaya Jawa Timur and Pusat Informasi Majapahit at Trowulan for allowing me to collect my data. My appreciation also goes to Muhammad Ikhwan, Novi Bahrul Munib, and Goenawan A. Sambodo for helping me in data-collection; Janati Prariyadiyani and Raka Pranadipta for map processing; Swa Setyawan Adinegoro for sketching temple reliefs; Marine Schoettel and Dwi Pradnyawan for allowing me using their photos.

I would like to give my sincere thanks to Carolien Stolte, Marijke van Wissen-van Staden, and Esther Zwinkels for their assistance during my Ph.D. programme

at Leiden University. Lili Evers and René Wezel, I thank you for your remarkable Dutch classes.

Getting through my dissertation required more than academic support, and I have many people to thank for their friendship. Thanks to the late Pak Min, Helmi, Faik, Pak Saleh, Mas Koko, Kang Kus, Joni Dharmawan, Jos, Sandra Watimuri, Mbak Selvy, Sandra Sardjono and Boerhaavelaan friends who have been unwavering in their personal and professional support during the time I spent in Leiden. Thanks also to Pujo, mas Daud, Susetyo E. Yuwono, Yulianti, Fajri, Mbak Sandra Sardjono, Natalie Ong, Simbok, and Fifi for your support, encouragement, and friendship.

And finally, last but by no means least, to my wife and my daughter, who handled all our family stuff with a great deal of endurance, while I selfishly spent years working on my dissertation, I can only hope that this work may serve as evidence that all their patience and understanding were not in vain.

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List of Abbreviations

ANU	Australian National University
BEFEO	Bulletin de l'École française d'Extrême-Orient
BKI	Bijdragen tot de Taal-, Land- en Volkenkunde
ENSO	El Niño Southern Oscillation
FIB	Fakultas Ilmu Budaya
IPPA	Indo-Pacific Prehistory Association
ISEAS	Institute of Southeast Asian Studies
JESHO	The Journal of the Economic and Social History of the Orient
KITLV	Koninklijk Instituut voor Taal-, Land- en Volkenkunde
LIA	the Little Ice Age
MBRAS	Malaysian Branch of The Royal Asiatic Society
MCA	Medieval Climate Anomaly
MKAU	Mededeelingen van de Koninklijke Akademie van Wetenschappen
MISI	Madjelis Ilmu Pengetahuan Indonesia
MKAU-L	Mededelingen van de Koninklijke Akademie van Wetenschappen, afd. Letterkunde
NUS	National University of Singapore
OV	Oudheidkundig Verslag

OD	Oudheidkundige Dienst
PNAS	Proceedings of the National Academy of Sciences of the United States of America
SEAMEO	Southeast Asian Ministers of Education Organization
SPAFA	SEAMEO Project in Archaeology and Fine Arts
TBG	Tijdschrift voor Indische Taal-, Land-, en Volkenkunde.
UGM	Universitas Gadjah Mada
VBG	Verhandelingen van het Bataviaasch Genootschap der Kunsten en Wetenschappen
VG	Verspreide Geschriften

Spelling

The romanization of Old Javanese characters used in this thesis is presented below.

Vowels	a, ā, i, ī, u, ū, ě, ö, e, ai, o, au
Consonants	
Gutturals	k, kh, g, gh, ṅ
Palatals	c, ch, j, jh, ñ
Cerebrals	ṭ, ṭh, ḍ, ḍh, ṇ
Dentals	t, th, d, dh, n
Labials	p, ph, b, bh, m
Semivowels	y, r, l, w
Sibilants	ś, ṣ, s
Aspirate	h
<i>Anusvāra</i>	ṁ
<i>Visarga</i>	ḥ

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