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**CAMPUS PLANNING FOR SUSTAINABLE  
DEVELOPMENT FROM A BUDDHIST  
PERSPECTIVE**

**CASE STUDY: DEVELOPMENTS OF REGIONAL PUBLIC  
UNIVERSITIES IN THAILAND**

by

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## **Dedication**

This thesis is dedicated to my virtue knowledge, others' wisdom, and others' and my spiritual sustainability.

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## Abstract

This Thesis is about the concept of Sustainable Development and its application in Thailand. Whilst many people and Thai Government itself accept the need for sustainable development as an integral part of the country's future, there is no clear consensus on what the application of sustainable development will actually mean for Thailand.

Up until this point in time the most common referent for sustainable development in Thailand has been the United Nations' *'Our Common Future'* and *'Agenda 21'*. Even though this document contains many broad principles that are applicable, there are significant differences in Thai context, which require alternatives to be proposed.

Buddhism supplies a Thai point of departure for such an alternative. This thesis purposes that the principle of Buddhism such as *Arriyacca*, *Patticca-Samuppada*, *Tri-Lakkha* and etc. are entirely appropriate for application on the Thai socio-environment development. This discussion is a key part of this thesis.

As a mean of verification and of applied example, the last section of the thesis looks specifically at growth patterns of areas and spaces in *'Central Academic Area'* (CAD) in the main campuses of regional public-universities of Thailand.

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## List of Abbreviations

APPA	the Association of Higher Education Facilities Officers
CAD	Central Academic District
CBD	Central Business District
CHE	the office of the Commission for Higher Education
CMU	Chiang Mai University
CSD	Commission on Sustainable Development (United Nation)
DOVE	the Department of Vocational Education
GDP	Gross Domestic Product
GNP	Gross National Product
HEE	Human Energy Equivalents
IISD	the International Institute for Sustainable Development
IMF	International Monetary Fund
ISO	the International Organization for Standardization
IT	Information Technology
IUCN	the International Union for the Conservation of Nature
KKU	Khon Kaen Univerisity
KMITL	King Mongkut Institute of Technology at Lardkrabang
MOE	the Ministry of Education
MUA	the Ministry of University Affairs
NAFTA	North American Free Trade Agreement
NESDB	the National Economic and Social Development Board
NGO, NGOs	Non-governmental organization (s)
NIC	Newly Industrial Country
NU	Naresuan University
OPEC	Organization of Petroleum Exporting Countries
ORIC	the Office of Rajabhat Institute Commission
RI	Rajabhat Institute
Rio+5 (or Earth Summit+5)	Special Session of the General Assembly to Review and Appraise the Implementation of Agenda 21
RIT	Rajamangala Institute of Technology
SCUP	the Society of College and University Planning
SD	Sustainable Development

SDIs	Sustainable Development Indicators
SWU	Srinakharinwirot University
UN	United Nations
UNCED	the United Nations Conference on Environment Development
UNDP/CD	United Nations Department for Policy Coordination and Sustainable Development
UNSD	United Nations Division for Sustainable Development
UNESCO	United Nations Educational, Science and Cultural Organization
USOM	United States Operations Mission
USSR	Union of Soviet Socialist Republics
WCED	the World Commission on Environment and Development
WHO	World Health Organization
WTO	World Trade Organization