Evolution of Economic Systems, Development Paradigms, and Economic Development

From MDGs to SDGs

(For GSID I2ID Part I Lecture)

Prof. Shigeru T. OTSUBO

GSID, Nagoya University

April 2016

0. Revolutions and the Evolution of Economic Systems.....
Revolutions and the Evolution of Economic Systems
(based on Yukio Noguchi, "IT makes small-scale-organization economy advantageous" Nikkei, April 5, 2002)

Private ownership of the means of production

Larger-scale-organization oriented

Smaller-scale-organization oriented

Capitalism

Primitive Market Economy

IT-driven Market Economy

State ownership of the means of production

Socialism

Utopian Socialism

Private ownership of the means of production

Larger-scale-organization oriented

Smaller-scale-organization oriented

Capitalism

Primitive Market Economy

IT-driven Market Economy

State ownership of the means of production

Socialism

Utopian Socialism

Imperialism

Monopoly Capitalism

Japan under the 1940-system

Industrialized China

China under Mao Zedong (Maoist China, 1949-)

USSR (Russian Revolution, 1917)

Linux
Revolutions and the Evolution of Economic Systems
(based on Yukio Noguchi, "IT makes small-scale-organization economy advantageous" Nikkei, April 5, 2002)

- Private ownership of the means of production
  - Capitalism
    - Imperialism
    - Monopoly Capitalism
  - Primitive Market Economy
    - IT-driven Market Economy
      - The US economy after the IT revolution

- State ownership of the means of production
  - Socialism
    - Socialist Revolution
      - Japan under the 1940-system
      - Industrialized China
      - China under Mao Zedong (Maoist China, 1949-)
      - USSR (Russian Revolution, 1917)
  - Utopian Socialism
    - Linux

- Revolution
  - Industrial Revolution
    - Japan under the 1940-system
    - Industrialized China
    - China under Mao Zedong (Maoist China, 1949-)
    - USSR (Russian Revolution, 1917)
Revolutions and the Evolution of Economic Systems
(based on Yukio Noguchi, "IT makes small-scale-organization economy advantageous" Nikkei, April 5, 2002)

- **Capitalism**
  - Imperialism
  - Monopoly Capitalism

- **Socialism**
  - Soviet Union (USSR)

- **Utopian Socialism**

**Private ownership of the means of production**

**State ownership of the means of production**

**Larger-scale-organization oriented**

**Smaller-scale-organization oriented**

- **IT Revolution**
  - China under Mao Zedong (Maoist China)
  - Linux

- **Industrial Revolution**
  - Japan under the 1940-system
  - Industrialized China

**Capitalism**

- **Primitive Market Economy**
  - The US economy after the IT revolution

- **IT-driven Market Economy**

**Socialist Revolution**

- **Socialism**
  - China under Mao Zedong

- **Primitive Economy**

- **Utopian Socialism**

**Industrial Revolution**

- **Imperialism**
  - Imperialism
- **Monopoly Capitalism**

**IT Revolution**

- **Monopoly Capitalism**
- **IT-driven Market Economy**

**State ownership of the means of production**
Revolutions and the Evolution of Economic Systems
(based on Yukio Noguchi, "IT makes small-scale-organization economy advantageous" Nikkei, April 5, 2002)

- Capitalism
- Imperialism
- Monopoly Capitalism
- Colonialism
- Socialist Revolution

Private ownership of the means of production

Industrial Revolution

IT Revolution

IT-driven Market Economy

The US economy after the IT revolution

Private Market Economy

Larger-scale-organization oriented

Smaller-scale-organization oriented

China under Mao Zedong (Maoist China)

Industrialized China

Linux

USSR

State ownership of the means of production

Capitalism

Imperialism

Monopoly Capitalism

Colonialism

Socialist Revolution

Private ownership of the means of production

Industrial Revolution

IT Revolution

IT-driven Market Economy

The US economy after the IT revolution

Private Market Economy

Larger-scale-organization oriented

Smaller-scale-organization oriented

China under Mao Zedong (Maoist China)

Industrialized China

Linux

USSR

State ownership of the means of production
Revolutions and the Evolution of Economic Systems
(based on Yukio Noguchi, "IT makes small-scale-organization economy advantageous" Nikkei, April 5, 2002)

Private ownership of the means of production

Capitalism

Imperialism

Monopoly Capitalism

Colonialism

Socialist Revolution

State Socialism Development Planning

Socialism

Larger-scale-organization oriented

Industrial Revolution

IT-driven Market Economy

Primitive Market Economy

IT Revolution

The US economy after the IT revolution

Smaller-scale-organization oriented

State ownership of the means of production

Primitive Economy

Utopian Socialism

USSR

Linux

China under Mao Zedong
(Maoist China)

Industrialized China

China under Mao Zedong
(Maoist China)

Industrialized China

China under Mao Zedong
(Maoist China)

Industrialized China

China under Mao Zedong
(Maoist China)

Industrialized China

China under Mao Zedong
(Maoist China)
Revolutions and the Evolution of Economic Systems

(Based on Yukio Noguchi, "IT makes small-scale-organization economy advantageous" Nikkei, April 5, 2002)

Private ownership of the means of production

Capitalism
  - Imperialism
  - Monopoly Capitalism

Primitive Market Economy

State ownership of the means of production

Socialism
  - USSR

Utopian Socialism

Industrial Revolution

IT-driven Market Economy

IT Revolution

The US economy after the IT revolution

Larger-scale-organization oriented

Coordinated Investment in Ideas (Smart Government)

Smaller-scale-organization oriented

Globalization

Production Networks (Nike model, VISIO model, etc.)

Global Outsourcing...

ICT Service Networks (IT, IE, SE, back office)

Private Capital/Investment-Driven

MNCs
Revolutions and the Evolution of Economic Systems

- **Capitalism**
  - Industrial Revolution
  - Private ownership of the means of production
  - MNCs

- **Socialism**
  - Socialist Revolution
  - State ownership of the means of production
  - Economic Infrastructure
    - Social Network (national scale)
    - Education-Human Resource Development
    - Protecting the Environment
  - Social Safety Net Provision
  - Social Networks (community scale)
  - Economic Infrastructure
    - Social Network (national scale)
    - Education-Human Resource Development
    - Protecting the Environment

- **Utopian Socialism**
  - State ownership of the means of production

- **IT-driven Market Economy**
  - IT Revolution
  - Production Networks (Nike model, VISIO model, etc.)
  - ICT Service Networks (IT, IE, SE, back office)

- **IT Revolution**
  - Global Outsourcing

- **Globalization**
  - MNCs
  - Production Networks (Nike model, VISIO model, etc.)
  - ICT Service Networks (IT, IE, SE, back office)
  - Global Outsourcing

- **Governance**
  - Quality of State
  - State Coordination
  - Social Networks (community scale)
  - Social Safety Net Provision
  - Economic Infrastructure
    - Social Network (national scale)
    - Education-Human Resource Development
    - Protecting the Environment

- **Primitive Market Economy**
  - Private ownership of the means of production
  - IT-driven Market Economy