

## Index

	<u>Page</u>
<b>1. Outline of Research</b>	2
1) Title of Research	2
2) Period of Research	2
3) Researchers	2
4) Background of Research	2
5) Research Plan	3
<b>2. Questionnaire of Study on Health Forecasting</b>	5
1) Country Overview	5
2) Economy	5
3) Population	6
4) Death	7
5) Morbidity	7
6) Health Personnel	8
7) Health Facility	9
<b>3. Questionnaire of Study on Networking and Information Sharing</b>	10
1) Organization	10
2) Operation	11
3) Surveillance System	12
4) International Organization	13
5) Non-Governmental Organization	14
<b>4. Reference</b>	16
1) Questionnaire of Mail Survey on NGO in Japan	16

## 1. Outline of Research

### 1) Title of Research

Research on Monitoring System on Outbreak of International Communicable Diseases, Networking with Non-Government Organizations and Cooperation and Information Sharing with International Organizations

### 2) Period of Research

01/04/2004 – 31/03/2005 (FY 2004)

\*Based on outcome of FY 2004, FY 2005 and FY 2006 will be continued.

### 3) Researchers

Criteria	Name	Title and Organization	Duty
Chief Researcher	Isao Okazaki	Professor, Tokai University	Management of Research, Planning of Research and Ethical Management
Joint Researcher	Tetsu Watanabe	Associate Professor, Tokai University	Research on Health Demands
Joint Researcher	Yoshihisa Watanabe	President, Institute of Health Systems Development	Computer Programming and Health Forecasting
Joint Researcher	Takaaki Kinoue	Assistant Professor, Tokai University	Research on Networking, Research on Health Resources and Correspondence
Joint Researcher	Hiroyuki Furuya	Assistant Professor, Tokai University	Statistical Analysis

### 4) Background of Research

During recession of Japanese economy, growing aging population and expansion of health expenditure will be caused big burden to Japanese economy again. And in near future, predicted decrease of total population will hit Japanese economic recovery. Therefore, it is also fully assumed that stabilization of the Japanese economy by the large-scale migrants from developing countries etc. will be attained in the future. However, since their health demand structure differs from the current Japanese, it seems that the structure of future medical care service cannot but change a lot. Cooperation and information sharing with international organizations, governmental organizations of each country, non-governmental organizations, etc will be more important, since inflow of communicable diseases such as SARS and Avian Influenza also becomes more quickly and extensive than present.

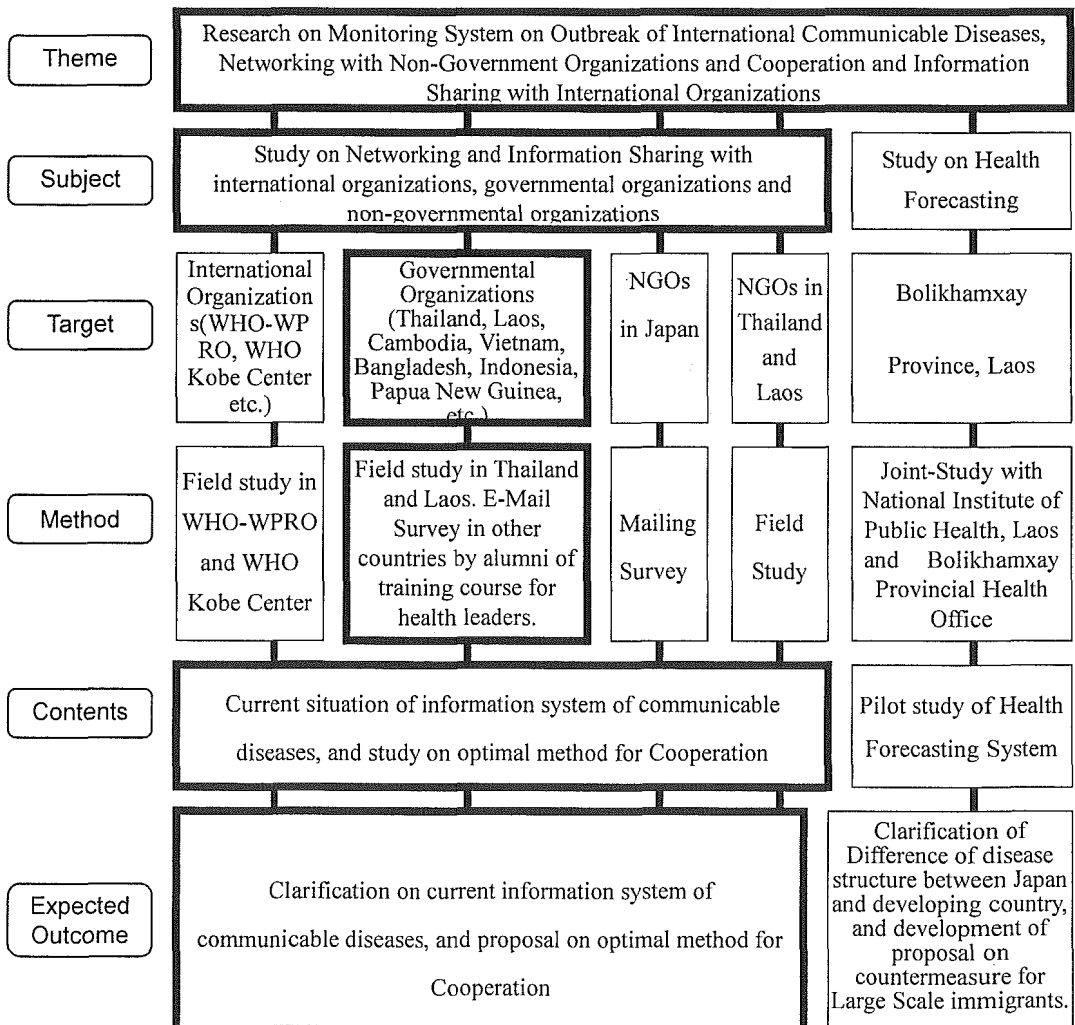
In developing countries, although restructuring of health system and reallocation of limited health resources are needed, which are prioritized based on people's health structure, but

they don't have enough system to handle health statistics and also no means to grasp national health demand structure. It can be said that it is very required for developing countries who are not allowed trial and error in developed countries.

### 5) Research Plan

This research is divided into 2 parts. First part is to establish a concept of networking and information sharing with international organizations, governmental organizations and non-governmental organizations. Second part is to establish method of identify health demand structure and health forecasting in developing country, and it will be applicable for simulation on analysis of immigrant to Japan, and it will be applicable for health planning, restructuring of health system and evaluation of health strategy in target country.

#### a) Research Frame



## b) Stage of Study

### I) FY 2004

#### i) Study Planning

Study in Japan –Design of study frame, preparation of field study.

#### ii) Study on Networking and Information Sharing

ii)-1 E-mail Survey –Making a list for available countries and organizations by sending e-mail to alumni of training course for health leaders (19 countries, 83 participants).

ii)-2 NGO Survey in Japan –Mailing survey on information sharing network with NGOs by sending questionnaire to NPOs which have health activities. Choose 5,000 organizations among 15,000 NPOs.

#### ii)-3 Field Study and Discussion

-Field Visit in Laos –Visit Vientiane and Bolikhamxay, Laos for discussion on study plan, field survey and confirmation of the study. (I. Okazaki, Y. Watanabe and T. Kinoue)

-Field Visit in Thailand –Visit Ministry of Public Health in Thailand, Mahidol University for hearing and discussion on cooperation with governmental organizations and NGOs. (T. Kinoue, Y. Watanabe)

#### ii)-4 Study in both countries

-Study in Laos –Based on discussion, Lao team will be identify situation, collect information and analyze its. (Lao Team)

-Study in Japan –After return from field survey, study team will be analyze characteristics which are specialized issue based on situation of target countries, common issue in developing countries and universal issue, based on discussion and collected information. (I. Okazaki, H. Furuya, Y. Watanabe)

### II) FY 2005 (will continue if result of study in FY2004 was successful.)

#### i) Study on Networking and Information Sharing

Survey on information sharing and cooperation with governmental organizations and NGOs to target group which was established by survey in FY2004, by sending questionnaire by e-mail.

### III) FY 2006 (if FY2004 was finished successfully, FY2006 will be continued.)

#### i) Study on Networking and Information Sharing

-Planning –Analysis of all collected information and survey data. Plan proposal for future system.

## 2. Questionnaire on Health Environment

Please fill in following indices as latest as possible. If you don't have reliable data, leave column blank.

### 1) Country Overview

Item	Value	Year	Reference
1. Total Land Area			
2. Total Population			
3. Population Density			
4. Number of Provinces			

### 2) Economy

Item	Value	Year	Reference
1. Gross National Income per capita			
2. Gross Domestic Product per capita			

Please list-up top 5 domestic products.

Order	Product	Amount (Mil.USD)	Year
1			
2			
3			
4			
5			

Please list-up top 5 products for export to foreign countries.

Order	Product	Amount (Mil.USD)	Year
1			
2			
3			
4			
5			

Please fill ratio of labor by industry.

Order	Classification of Industry	Ratio to total (%)	Year
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
	Others		

3) Population

Item	Value	Year	Reference
1. Total Population			
2. Total Population (Male)			
3. Total Population (Female)			
4. Total Population (Age 0-14)			
5. Total Population (Age 15-64)			
6. Total Population (Age 65+)			

Please fill total number of population by age group.

Age	Male	Female	Total	Year
0-4				
5-9				
10-14				
15-19				
20-24				
25-29				
30-34				
35-39				
40-44				
45-49				
50-54				
55-59				
60-64				
65-69				
70-74				
75-79				
80-84				
85-89				
90-94				
95-99				
100+				
Total				

4) Death

Item	Value	Year	Reference
1. Annual Number of Death			
2. Infant Mortality Rate			
3. Under 5years Mortality Rate			
4. Maternal Mortality Ratio			

Please fill top 10 major cause of death.

Order	Cause of Death	Numbers	Year
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

5) Morbidity

Please fill annual surveillance data of communicable diseases of last 3 years.

	Disease	Year		
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Please fill latest number of patient by major classification of diseases.

Year			
	Classification of Diseases	Inpatient	Outpatient
1	Infectious, Parasite		
2	Neoplasms		
3	Diseases of Blood		
4	Endocrine, Nutrition		
5	Mental and Behavior		
6	Nervous System		
7	Eye and Adnexa		
8	Ear, Mastoid Process		
9	Circulatory System		
10	Respiratory System		
11	Digestive System		
12	Skin and Sub. Tissue		
13	Musculoskeletal System		
14	Genitourinary System		
15	Pregnancy, Childbirth		
16	Perinatal Period		
17	Malformation		
18	Symptoms, Signs		
19	Injury, Poisoning		
	Total		

6) Health Personnel

Item	Number	Year	Reference
1. Physician			
2. Dentist			
3. Nurse			
4. Pharmacist			
5. Radiology Technologist			
6. Laboratory Technologist			
7. Nutritionist			
8. Other Medical Personnel			
Traditional Birth Attendant			
Traditional Healer			
Traditional Pharmacist			
Village Health Volunteer			
9. Others (if any, please fill)			



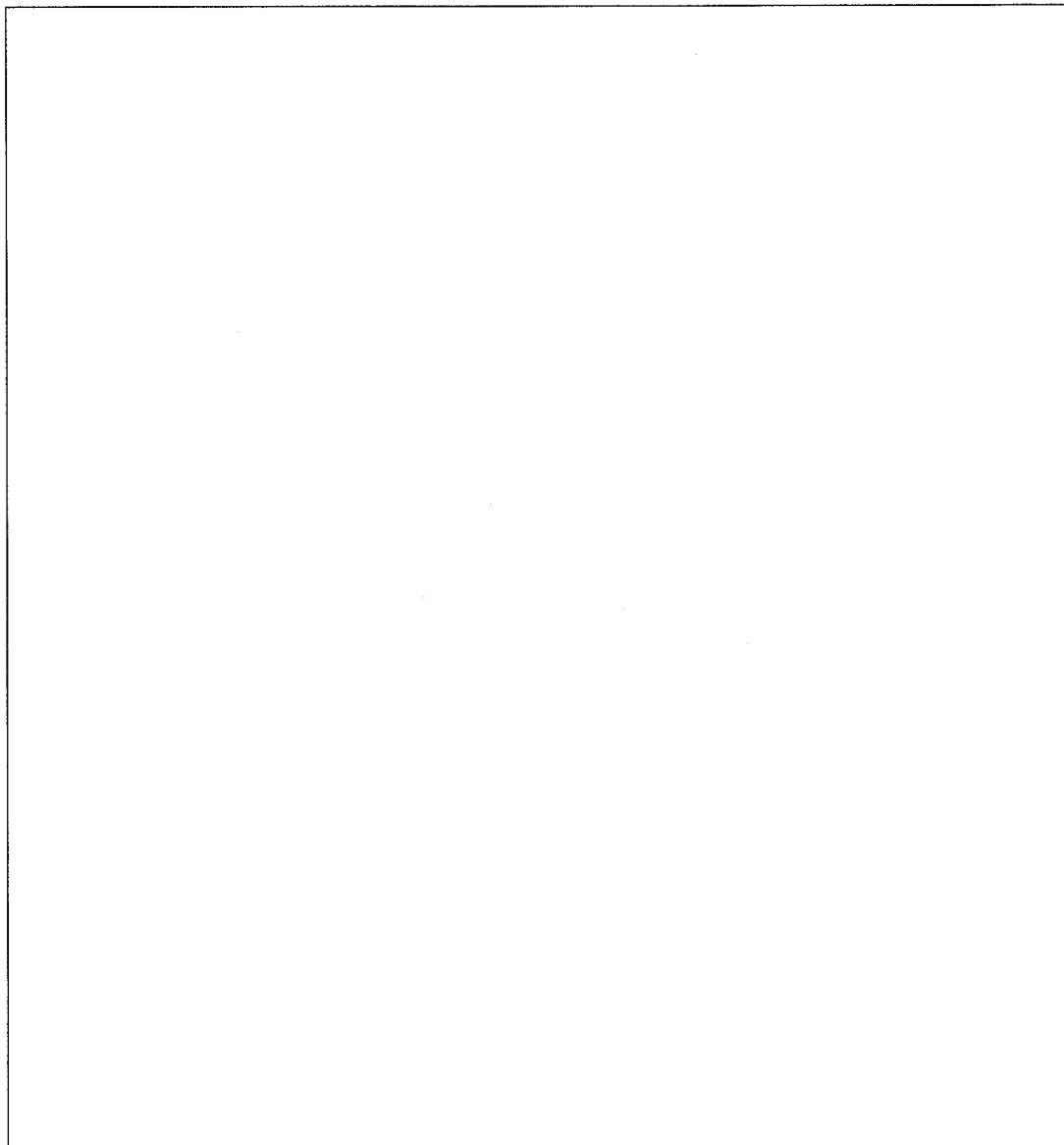
7) Health Facility

Item	Value	Year	Reference
1. Number of Hospital			
National			
Military			
Provincial			
District			
Private			
Others			
2. Number of Beds			
General			
Acute			
Long-term			
Psychiatric			
Communicable Disease			
Infectious Disease			
Tuberculosis			
HIV/ AIDS			
Others			
3. Number of Clinics (General)			
Dispensary			
Private Clinic			
Others			
4. Number of Dental Clinics			
Public			
Private			
Others			
5. Number of Pharmacy			
Public Pharmacy			
Private Pharmacy			
Village Drug Revolving Fund			
Others			
6. Number of Clinical Laboratory (Exclude Laboratory in Hospital)			
Public Laboratory			
Private Laboratory			
7. Other Health Related Facility (If any, please fill.)			

### 3. Questionnaire of Study on Networking and Information Sharing

#### 1) Organization

Please draw organization of ministry of health, and specify certain department(s) which is /are responsible for collecting health information and/ or communicable diseases surveillance.

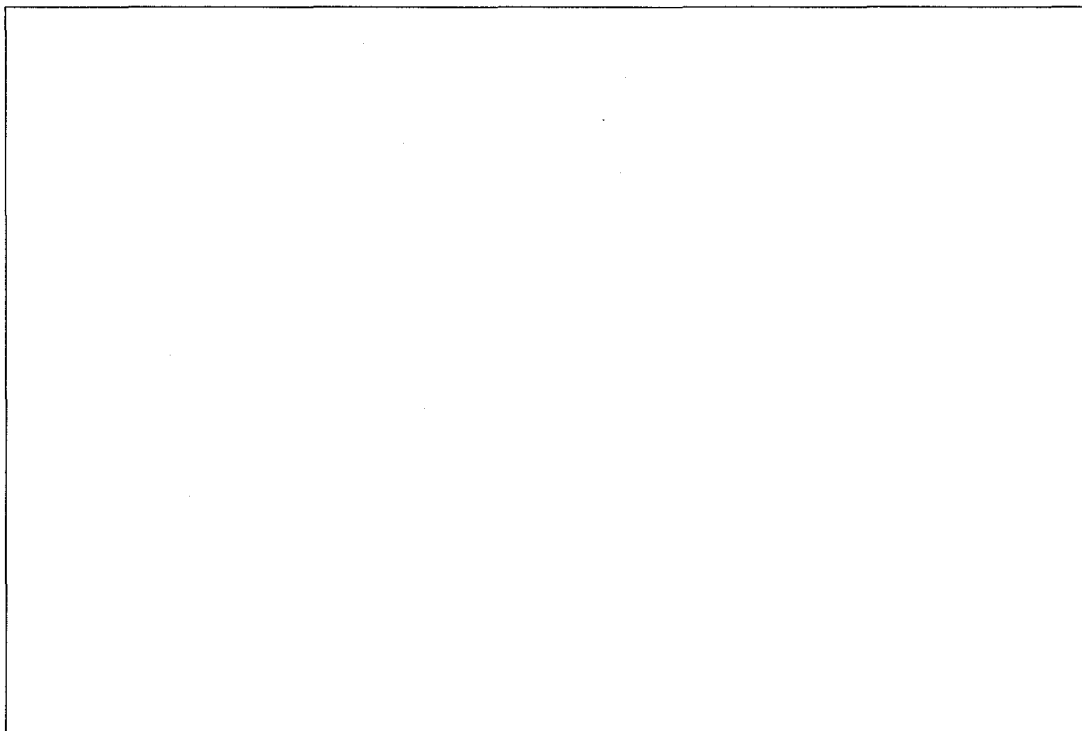


Please make a list of responsible organization on collecting health information and/ or communicable diseases surveillance.

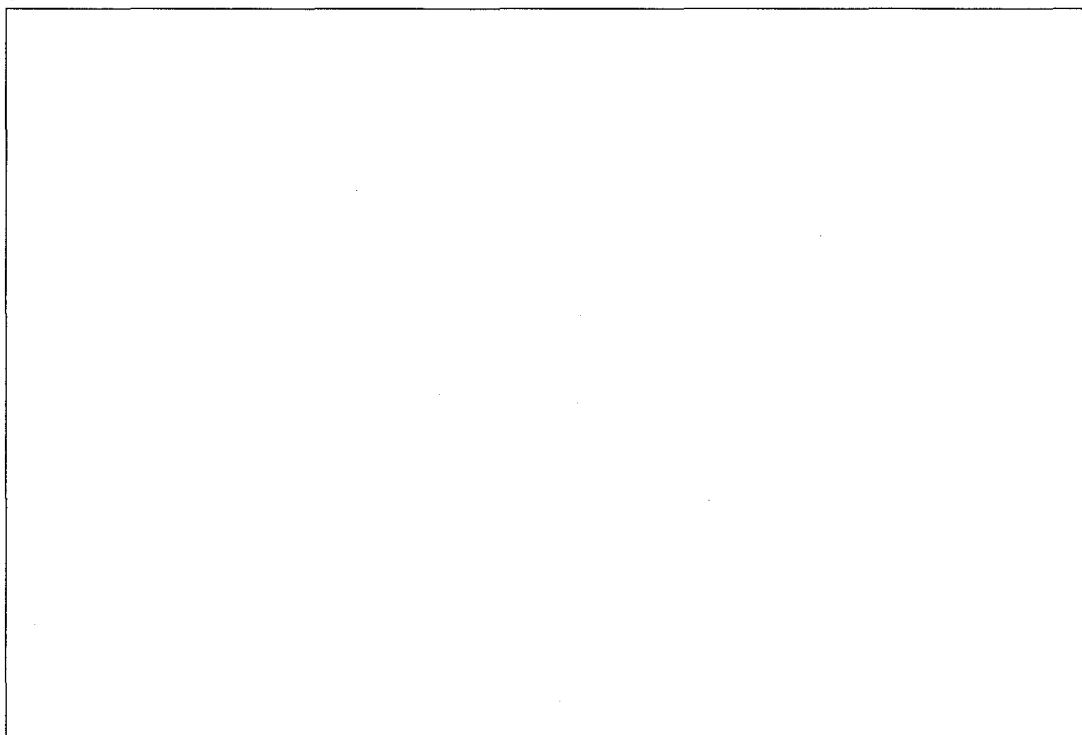
	Name of in charge	Title, Department	Organization
1			
2			
3			
4			
5			

2) Operation

Please draw routine health information flow from local health office to central government.

A large, empty rectangular box with a thin black border, intended for drawing a flowchart or diagram showing the routine flow of health information from a local health office to the central government.

Please draw emergency case health information flow from local health office to central government.

A large, empty rectangular box with a thin black border, intended for drawing a flowchart or diagram showing the emergency case flow of health information from a local health office to the central government.

### 3) Surveillance System

Please draw surveillance data flow from local branch or health office to central office.

Please fill surveillance items (disease) and data collection term.

	Item (Disease)	Period of data collection			
1		Daily	Monthly	Annual	Others ( )
2		Daily	Monthly	Annual	Others ( )
3		Daily	Monthly	Annual	Others ( )
4		Daily	Monthly	Annual	Others ( )
5		Daily	Monthly	Annual	Others ( )
6		Daily	Monthly	Annual	Others ( )
7		Daily	Monthly	Annual	Others ( )
8		Daily	Monthly	Annual	Others ( )
9		Daily	Monthly	Annual	Others ( )
10		Daily	Monthly	Annual	Others ( )
11		Daily	Monthly	Annual	Others ( )
12		Daily	Monthly	Annual	Others ( )
13		Daily	Monthly	Annual	Others ( )
14		Daily	Monthly	Annual	Others ( )
15		Daily	Monthly	Annual	Others ( )
16		Daily	Monthly	Annual	Others ( )
17		Daily	Monthly	Annual	Others ( )
18		Daily	Monthly	Annual	Others ( )
19		Daily	Monthly	Annual	Others ( )
20		Daily	Monthly	Annual	Others ( )

#### 4) International Organization

Please fill international organizations which you exchange health information periodically or in case of outbreak of communicable diseases.

	Department	Organization, Country	Type of Information
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			

5) Non-Governmental Organization

Please fill department in charge to handle NGOs which have activities in health field in your country.

	Name of in charge	Title, Department	Organization
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Please make a list of number of NGOs which have activity in your country, by country.

	Country	Nos.		Country	Nos.
1	Domestic		22		
2	International		23		
3	Japan		24		
4			25		
5			26		
6			27		
7			28		
8			29		
9			30		
10			31		
11			32		
12			33		
13			34		
14			35		
15			36		
16			37		
17			38		
18			39		
19			40		
20				Others	
21				Total	

Please make a list of NGOs which have activity in your country, especially in health field, both domestic, international and foreign organization/ group.

Name of NGO					
Name of Staff in Charge					
Address of Domestic Office					
Telephone		Fax		e-mail	
Address of Head Office					
Telephone		Fax		e-mail	
Classification of Organization	Domestic	International	Foreign Country		
Major Activity					

Name of NGO					
Name of Staff in Charge					
Address of Domestic Office					
Telephone		Fax		e-mail	
Address of Head Office					
Telephone		Fax		e-mail	
Classification of Organization	Domestic	International	Foreign Country		
Major Activity					

Name of NGO					
Name of Staff in Charge					
Address of Domestic Office					
Telephone		Fax		e-mail	
Address of Head Office					
Telephone		Fax		e-mail	
Classification of Organization	Domestic	International	Foreign Country		
Major Activity					

Name of NGO					
Name of Staff in Charge					
Address of Domestic Office					
Telephone		Fax		e-mail	
Address of Head Office					
Telephone		Fax		e-mail	
Classification of Organization	Domestic	International	Foreign Country		
Major Activity					

#### 4. Reference

##### 1) Questionnaire of Mail Survey on NGO in Japan (Translated from Japanese)

Research on International Health Crisis Management Network  
Questionnaire for Study on Networking with Non-Government Organizations

Research Center for International Health Development,  
Tokai University Graduate School of Medicine

1. Firstly, please fill contact address of your organization.

Name of Organization				
Address				
Contact Detail	Name of Responsible Person		Name of Contact Staff	
	Telephone		Fax	
	E-mail		Homepage	

2. Please choose your outline of activities from below criteria.

Major Target Area	1) Domestic 2) Overseas 3) Both
Major Field of Activity	1) Health, Welfare 2) Social Education 3) Town Planning 4) Academy, Culture, Art, Sports 5) Maintain Environment 6) Disaster Relief 7) Regional Safety 8) Human Rights, Peace 9) International Cooperation 10) Women's Right 11) Children's Development 12) Information Technology 13) Science and Technology 14) Economy 15) Occupational Development 16) Consumer Protection 17) Others

3. Please answer on your activity in foreign countries.

1) Do you dispatching your staff to foreign country (ies)?

1) Dispatch to several countries 2) Dispatch to one country 3) Not to dispatch
--

2) If you dispatching, which country do you dispatch mainly?

1) Developed country 2) Medium developed country 3) Developing country 4) Differ by case
--

3) If you dispatching, please fill name of country which you sent recently.

--

4) If you dispatching, please choose team size of dispatching.

1) 3 person or more 2) 1 to 2 person 3) Both 4) Differ by case
--

5) If you dispatching, how long do you dispatch for one mission.

1) Long term (more than 3 month) 2) Short term (below 3 month) 3) Both 4) Differ by case
--

6) If you dispatching, which area is your team mainly working?

1) Urban area 2) Local area 3) Both 4) Differ by case
---

4. Please answer following questions on your staff's health measure in case of dispatching to foreign country (ies).

1) Do you promote to get immunization before dispatch?

1) Every time 2) In case of needed 3) No
--



2) Which immunization do you recommending?

- |   |
|---|
| 1) BCG 2) Polio 3) Diphtheria 4) Tetanus 5) Japanese encephalitis 6) Hepatitis A 7) Hepatitis B<br>8) Rabies 9) Yellow fever 10) Cholera 11) Typhoid 12) Meningitis 13) Plagues<br>14) Malaria prevention dose 15) Others |
|---|

3) In case of your staff get sick while staying foreign country, what do you do?

In case of minor disease (such as common cold) or injury	1) Get drug at local pharmacy 2) Visit local health facility 3) Visit neighbor country's health facility 4) Use drug carried from Japan 5) Return to Japan 6) Nothing to do
In case of slightly heavy symptom such as diarrhea	1) Get drug at local pharmacy 2) Visit local health facility 3) Visit neighbor country's health facility 4) Use drug carried from Japan 5) Return to Japan 6) Nothing to do
In case of critical situation of hospitalization needed	1) Get drug at local pharmacy 2) Visit local health facility 3) Visit neighbor country's health facility 4) Use drug carried from Japan 5) Return to Japan 6) Nothing to do

4) Please choose infectious disease which your staff has been suffered.

- |  |
|--|
| 1) Cholera 2) Typhoid 3) Dysentery 4) Hepatitis A 5) Hepatitis B 6) Malaria<br>7) Parasite other than Malaria 8) Dengue fever 9) Yellow fever 10) Japanese encephalitis<br>11) Meningitis 12) Tuberculosis 13) Tetanus 14) HIV / AIDS 15) Others 16) No case |
|--|

5) How do you get epidemic information in target country? And, please mark most useful one.

- |  |
|--|
| 1) Get information from Ministry of Foreign Affairs or Ministry of Health, Labour and Welfare in Japan<br>2) Get information from Ministry of Health in site 3) Get information from counterpart in site<br>4) Get information from villagers 5) Exchange information with Japanese in site<br>6) Exchange information with other nation stationed in site 7) Collect information by internet<br>8) Not to collect |
|--|

6) In case of epidemic of SARS, how did you get epidemic information in target country? And, please mark most useful one.

- |  |
|--|
| 1) Get information from Ministry of Foreign Affairs or Ministry of Health, Labour and Welfare in Japan<br>2) Get information from Ministry of Health in site 3) Get information from counterpart in site<br>4) Get information from villagers 5) Exchange information with Japanese in site<br>6) Exchange information with other nation stationed in site 7) Collect information by internet<br>8) Not to collect |
|--|

7) In case of epidemic of Avian Flu, how did you get epidemic information in target country? And, please mark most useful one.

- |  |
|--|
| 1) Get information from Ministry of Foreign Affairs or Ministry of Health, Labour and Welfare in Japan<br>2) Get information from Ministry of Health in site 3) Get information from counterpart in site<br>4) Get information from villagers 5) Exchange information with Japanese in site<br>6) Exchange information with other nation stationed in site 7) Collect information by internet<br>8) Not to collect |
|--|

8) If you know useful website for collecting information, please fill site address.

--

6. If you accept foreigner to Japan, how do you concern about their health?

1) Do you confirm their health situation before accepting?

- |  |
|--|
| 1) Taken health check-up before coming to Japan 2) Taken health check-up after arrival in Japan<br>3) Confirm as healthy by self-assessment 4) No confirmation |
|--|

2) Has health insurance applied at the time of acceptance?

1) Apply Japanese health insurance 2) Apply tourist insurance 3) Apply other insurance  
4) Checking whether he has insurance 5) No insurance

3) Was the foreigner who accepted suffered from the following infection?

1) Cholera 2) Typhoid 3) Dysentery 4) Hepatitis A 5) Hepatitis B 6) Malaria  
7) Parasite other than Malaria 8) Dengue fever 9) Yellow fever 10) Japanese encephalitis  
11) Meningitis 12) Tuberculosis 13) Tetanus 14) HIV / AIDS 15) Others 16) No case

4) In case of above infection was found, how did you do (or how do you do in future)?

1) Use drug carried by himself 2) Get drug from pharmacy 3) Visit health facility in Japan  
4) Send back to his country

5) In case of such infection found, is there any infection to others from him?

1) Infection found on staff or others 2) No infection 3) Unclear

6) Was the foreigner who accepted suffered from the following disease?

1) Cancer or other neoplasm 2) Anemia or other blood disease 3) Diabetes, gout or other endocrine disease  
4) Mental Disorder 5) Nervous system disease 6) Eye disease 7) Ear disease 8) Hypertension, cerebrovascular disease, heart disease or other circulatory disease 9) Asthma, pneumonia, or other respiratory system disease  
10) Gastritis, gastric ulcer, liver disease or other digestive system disease 11) Skin disease 12) Musculoskeletal system disease 13) Nephritis, prostatomegaly or other genitourinary system disease  
14) Pregnancy 15) Fracture of bone, other injury or poisoning 16) No case

7) What do/ did you do when the foreigner who has above disease?

1) Use drug carried by himself 2) Get drug from pharmacy 3) Visit health facility in Japan  
4) Send back his country

7. We would like to hear your opinion on health information in near future.

1) How do you think about the necessity for information on infectious diseases of each country?

1) Necessary 2) Not necessary 3) It is depend on case by case

2) How do you think about the necessity for information on health structure (what diseases much and what diseases few) of each country?

1) Necessary 2) Not necessary 3) It is depend on case by case

3) How do you think about the necessity for information on health facilities (level of practice etc.) of each country?

1) Necessary 2) Not necessary 3) It is depend on case by case

4) How do you think about the necessity for establishment or improvement on health check-up facility for staff before dispatching abroad?

1) Necessary 2) Not necessary 3) It is depend on case by case

5) How do you think about the necessity for establishment or improvement on immunization facility for staff before dispatching abroad?

1) Necessary 2) Not necessary 3) It is depend on case by case

6) How do you think about the necessity for establishment of health information network between NGOs?

1) Want to participate to exchange information 2) Want to access if can get enough information  
3) Enough in current information system 4) Not necessary 5) Others

7) If you have other opinion, please fill bellow.

Thank you for your cooperation.

แบบสำรวจทางไปรษณีย์

เรื่อง

“เครือข่ายการจัดการภาวะวิกฤติด้านสุขภาพระหว่างประเทศขององค์กรภาคเอกชนในประเทศไทย”

คำชี้แจง : สถาบันพัฒนาการสาธารณสุขอาเซียน มหาวิทยาลัยมหิดล มีวัตถุประสงค์ที่จะศึกษาเครือข่ายการจัดการภาวะวิกฤติด้านสุขภาพระหว่างประเทศขององค์กรภาคเอกชนในประเทศไทย สถาบันฯ ขอความร่วมมือในการตอบแบบสอบถามนี้ และขอความกรุณาท่านที่เป็นผู้รับผิดชอบองค์กรหรือตัวแทนองค์กรเป็นผู้ตอบแบบสอบถามชุดนี้

**1. ข้อมูลทั่วไปของหน่วยงาน**

กรุณารอกชื่อและที่อยู่หน่วยงานของท่าน

(ภาษาไทย) .....

(ภาษาอังกฤษ).....

ที่ตั้งสำนักงาน บ้านเลขที่ .... หมู่..... ถนน .....

ตำบล/เขต .....

อำเภอ/เขต..... จังหวัด..... รหัสไปรษณีย์ .....

รายละเอียดสำหรับติดต่อ

ชื่อผู้รับผิดชอบ(ภาษาไทย).....

(ภาษาอังกฤษ).....

ชื่อบุคคลที่ติดต่อได้(ภาษาไทย).....

(ภาษาอังกฤษ).....

โทรศัพท์..... โทรสาร.....

E-mail .....Homepage.....

**2. กรณาวงกลมหน้าข้อที่เกี่ยวข้องกับกิจกรรมของหน่วยงานท่าน ตามข้อที่ให้ไว้ข้างล่างนี้**

2.1 พื้นที่เป้าหมายหลักในการดำเนินกิจกรรม

1) ในประเทศ                      2) ต่างประเทศ                      3) ทั้ง ข้อ 1 และ 2

2.2 งาน/กิจกรรมหลักที่ดำเนินการ (ตอบได้หลายคำตอบ)

- 1) สุขภาพ สวัสดิการ      2) การศึกษาสังคม      3) การวางแผนเมือง
- 4) วิชาการ ศิลปวัฒนธรรม และกีฬา      5) ดูแลสิ่งแวดล้อม      6) บรรเทาภัยพิบัติ
- 7) ความปลอดภัยระดับภูมิภาค      8) สิทธิมนุษยชน สันติภาพ
- 9) ความร่วมมือระหว่างประเทศ
- 10) สิทธิสตรี      11) พัฒนาการเด็ก      12) เทคโนโลยีสารสนเทศ
- 13) วิทยาศาสตร์และเทคโนโลยี      14) เศรษฐกิจ      15) การพัฒนาอาชีพ
- 16) คุ้มครองผู้บริโภค      17) อื่นๆ

(ระบุ).....

### 3. กรณาวงกลมหน้าข้อที่เกี่ยวข้องกับกิจกรรมของหน่วยงานที่ดำเนินการในต่างประเทศ

3.1 ท่านได้เคยจัดส่งเจ้าหน้าที่ของท่านไปยังต่างประเทศหรือไม่?

- 1) เคยส่งไปหลายประเทศ      2) เคยส่งไปเพียงประเทศเดียว  
3) ไม่เคยส่ง (ถ้าตอบข้อนี้ กรุณาข้ามไปตอบที่ข้อที่ 5 ในหน้าที่ 4 เป็นต้นไป)

3.2 หากเคยส่งเจ้าหน้าที่ไปต่างประเทศ ประเทศใดที่ท่านส่งเจ้าหน้าที่ไปเป็นส่วนใหญ่

- 1) ประเทศพัฒนาแล้ว      2) ประเทศพัฒนาระดับปานกลาง  
3) ประเทศกำลังพัฒนา      4) แล้วแต่กรณี

3.3 หากเคยส่งเจ้าหน้าที่ไปต่างประเทศ

กรณาระบุประเทศที่ท่านส่งเจ้าหน้าที่ไปครั้งล่าสุด

ประเทศ.....

3.4 หากเคยเจ้าหน้าที่ไปต่างประเทศ

กรณาระบุขนาดทีมที่ท่านส่งเจ้าหน้าที่ไปปฏิบัติงาน

- 1) 3 คน หรือ มากกว่า      2) 1-2 คน      3) ทั้ง ข้อ 1 และ 2  
4) แล้วแต่กรณี

3.5 หากเคยส่งเจ้าหน้าที่ไปต่างประเทศ เจ้าหน้าที่ไปเป็นเวลานานเท่าใดในแต่ละครั้ง

- 1) ระยะเวลา (มากกว่า 3 เดือน)      2) ระยะเวลา (น้อยกว่า 3 เดือน)  
3) ทั้ง ข้อ 1 และ 2      4) แล้วแต่กรณี

3.6 หากเคยส่งเจ้าหน้าที่ไปต่างประเทศ

ทีมเจ้าหน้าที่ของท่านปฏิบัติงานในพื้นที่ใดเป็นส่วนใหญ่

- 1) เขตเมือง      2) เขตชนบท      3) ทั้ง ข้อ 1 และ 2  
4) แล้วแต่กรณี

### 4. กรณาวงกลมหน้าข้อที่เกี่ยวข้องกับมาตรการทางสุขภาพของเจ้าหน้าที่ ในกรณีที่ท่านเคยส่งเจ้าหน้าที่ไปปฏิบัติงานในต่างประเทศดังต่อไปนี้

4.1 ท่านสนับสนุนให้เจ้าหน้าที่ได้รับภูมิคุ้มกันโรค  
ก่อนไปปฏิบัติงานยังต่างประเทศหรือไม่?

- 1) สนับสนุนทุกครั้ง      2) สนับสนุนในกรณีที่จำเป็น      3) ไม่สนับสนุน

4.2 ท่านแนะนำให้เจ้าหน้าที่ไปรับภูมิคุ้มกันโรคชนิดใด? (ตอบได้หลายคำตอบ)

- 1) วัณโรค      2) โปลิโอ      3) คอตีบ      4) บาดทะยัก      5) ไข้สมองอักเสบของญี่ปุ่น  
6) ตั๊กแตนจากเชื้อไวรัสเอ      7) ตั๊กแตนจากเชื้อไวรัสบี      8) พิษสุนัขบ้า  
9) ไข้เหลือง      10) อหิวาตกโรค      11) ไทฟอยด์  
12) เยื่อหุ้มสมองอักเสบ      13) กาฬโรค      14) ยาป้องกันมาลาเรีย  
15) อื่นๆ ระบุ.....

4.3 ในกรณีที่เจ้าหน้าที่ของท่านเจ็บป่วยขณะอยู่ต่างประเทศ ท่านทำอย่างไร

4.3.1 กรณีเจ็บป่วยเล็กน้อย (เช่น ไข้หวัด) หรือ บาดเจ็บ

- 1) ให้ชื้อยาจากร้านขายยาในท้องถิ่น