***ANNEXⅠ: Information on Country Report***

**Notice: This report contains very important information and will be used for the selection of participants. Therefore, this Country Report must be submitted with the Application Form. Please follow the direction below.**

1. Format

A4 size paper (Microsoft Word is preferable)

1. Contents

For contents to be included, please refer “Contents” below.

1. Submission deadline

Friday, July 19h 2019 (with Application Form)

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【Contents】

1. **Name of the applicant and the country**
2. **Name of the applicant’s organization**
3. **Address of the applicant’s organization**
4. **Roles and Responsibilities of the applicant’s organization**
5. **Applicant’s Job and Responsibility in the organization**
6. **Your practical work experiences**

Please write ○ in the chart if you have practical work experience listed below.

|  |  |  |
| --- | --- | --- |
|  |  | Please write “○” |
| 1. Sewage | Planning |  |
| Design |  |
| Operation and Management |  |
| 1. Urban Drainage | Planning |  |
| Design |  |
| Operation and Management |  |
| 1. Water Supply | Planning |  |
| Design |  |
| Operation and Management |  |
| 1. River Water | Planning |  |
| Design |  |
| Operation and Management |  |
| 1. Solids Waste | Planning |  |
| Design |  |
| Operation and Management |  |

**7.** **Organization Chart**

Attach an organizational chart of your organization and circle the section in which the you are working.

**8.** **Overview of the Country in terms of Water Environment**

1. General Information

a) Brief description of geography (1 page)

b) Total population of the country

1. Please provide the following information on the climate in your city/town/village.

a) Average annual rainfall ( ) mm/year

b) Average frequency of rainfall ( ) times/year

c) Maximum hourly rainfall ( ) mm/hour (in year of )

d) Maximum 10-minute rainfall ( ) mm/10 min. (in year of )

1. Water Quality Preservation Principle and/or Strategy in your country

(Master Plan, Laws and Regulation, Related organization, Role and Responsibility of Federal Government, State Government, Municipality, and Other Related Organizations, etc.)

1. Please provide the following information on the status of the water pollution of rivers, lakes and bays, including the names of sources, rivers, lakes and bays.
2. Sources of pollution and its standard value
3. Monitoring system of water pollution of rivers and situation (BOD, SS, etc.)

c) Monitoring system of water pollution of lakes and situation (BOD, SS, etc.)

d) Monitoring system of water pollution of bays and situation (BOD, SS, etc.)

**9. Overview of Sewerage and Drainage Works**

1. The name of related national and local organizations is responsible for sewerage and drainage works in your country. Please also describe laws and regulations which state their responsibilities.

Sewerage:

Drainage:

1. Is there any Master plan of sewerage and drainage works in your country? If so, please describe it briefly.
2. Drainage system for night soil, gray water, and stormwater in your country.
3. Please provide the following information.
4. Estimated population with water supply

b) Estimated population with sewers

c) Total population and estimated population with sewers of the five (5) largest cities

|  |  |  |
| --- | --- | --- |
| Name of City | Total Population | Estimated Population with Sewers |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

1. Financial system regarding sewerage works (Subsidy from central or state government, general-account budget in the city, construction cost, maintenance cost, user charge, etc.)
2. Situation of public awareness for sewerage and drainage systems in your country
3. Present status of industrial wastewater, type of industry, regulation, industrial wastewater treatment
4. Please describe issues and challenges of sewerage and drainage systems in your country.

**10. Stormwater Drainage Condition in the Capital, or the City in which you are working**

1. Frequent flooding region/area and frequency of inundation　 (Please attach the maps)
2. Drainage area where stormwater runoff is collected and discharged to stormwater sewers and channels.
3. Total length of sewers

Less than 600 mm dia. ( ) km

600-1,500 mm dia. ( ) km

Larger than 1,500 mm dia. ( ) km

1. Number of pumping station
2. Financial System Regarding Stormwater Drainage (Construction Cost, Maintenance Cost, Subsidy from Central or State Government, General-account Budget in the City, etc.)
3. Main countermeasures for flood prevention in your country

**11. Present status of sewerage systems**

1. Total number of Sewage Treatment Plant (STP) in your country
2. Adopted Wastewater Treatment Process (Lagoon, Aerated Lagoon, Oxidation ditch, Trickling Filter, Activated sludge process, etc.) and the number of STP in each process

1. Please describe five (5) largest (or typical) treatment plants in your country.

a) Name and location of the plants

Please attach the maps.

b) Size

i) Daily Wastewater Flow (m3/d)

ii) Domestic Wastewater Flow (m3/d)

iii) Pollution Equivalents

iv) Industrial Wastewater Flow (m3/d) and Its Main Industry

c) Sewage Collection System

i) Combined system

ii) Separate system (including the case where open channels are used for

stormwater runoff drainage)

iii) Others

d) Wastewater Treatment Process

Please attach the flow diagram for sewage treatment.

e) Sludge Treatment Process including final disposal

f) Influent and Effluent Water Quality (BOD, COD, SS, T-N, T-P, etc.)

g) Regulation of Effluent Water Quality

(pH, BOD, S-BOD,COD, SS, T-N, T-P, Fecal coliform, Heavy Metal, etc.)

h) Where is the effluent discharged to (after treatment)?

i) Is treated effluent reclaimed and reused? Please answer Yes or No.

ii) If "yes," describe the details as well as purposes.

**12. Tentative Theme of Improvement Plan** (within 3 pages)

Please describe the following items regarding your tentative theme of the Improvement Plan.

1. Title

b) Current Situation and Background

(Necessity and justification, reasons why you chose the topic as priority,

etc.)

1. Objectives and goal

(Please describe the before and after (expected situation) by

implementation of improvement plan).

1. What you expect in this course