

## PROJECT PLAN

### I. General Information

<b>Title of Project</b>	Proposal Number: 2023-07  Title: Seminars for Acid Deposition/Air Pollution effects on human health and ecosystem			
<b>Duration of Project</b>	January – October, 2023			
<b>Project Lead (PL)</b>	[Name of an entity taking the lead in project cycle] Network Center (NC) for EANET, Asia Center for Air Pollution Research (ACAP)			
<b>Partner organizations (POs)</b>	[List all relevant Partner organizations central to the project] <ul style="list-style-type: none"> <li>• WHO</li> <li>• ICP Forests and other relevant Task Forces under Working Group on Effects (WGE), CLRTAP</li> </ul>			
<b>Implementation Agencies (IAs)</b>	[List all relevant Implementation Agencies] <ul style="list-style-type: none"> <li>• NC for EANET, ACAP</li> </ul>			
<b>Beneficiaries of PCs</b>	<ul style="list-style-type: none"> <li>• Researchers from the EANET Participating countries</li> <li>• Technical officers from the EANET Participating countries</li> </ul>			
<b>Total Required Resources and Requested amount of Project Fund</b>	<ul style="list-style-type: none"> <li>• The total amount of required resources (USD): 19,000</li> <li>• The requested amount for EANET Project Fund (USD) :9,500</li> </ul>			
<b>Resources other than EPF from Co-financers</b>	Organization	Financial contribution (USD)	In-kind contribution (with estimated equivalent USD, if possible)	Status (Secured/under consultation etc.)
		9,500		Under consultation
	Total	9,500		
<b>Relevant Types of Activities</b>	<ul style="list-style-type: none"> <li>• Capacity buildings on monitoring</li> <li>• Related information sharing and exchange</li> </ul>			
<b>Relevant Scope of EANET</b>	<ul style="list-style-type: none"> <li>• Capacity building on monitoring of acid deposition including related chemical substances with quality assurance and quality control (QA/QC)</li> <li>• Capacity building on promotion of data dissemination and utilization</li> <li>• Enhancement of cooperation and collaboration among EANET Participating Countries</li> </ul>			

<b>Representative of the Project Lead /Contact Address</b>	<ul style="list-style-type: none"> <li>• Dr. Ken Yamashita, NC for EANET, Head, Planning and Training Department, ACAP, <a href="mailto:kyamashita@acap.asia">kyamashita@acap.asia</a> Sowa 1182, Nishi-ku, Niigata City, 950-2144, Japan</li> <li>• Dr. Hiroyuki Sase, NC for EANET, Head of Ecological Impact Research Department, ACAP, <a href="mailto:sase@acap.asia">sase@acap.asia</a></li> </ul>	
<b>Project Processing Information</b>	Submission Date to the EANET Secretariat	
	1) Date of Register in the Project Cycle	
	2) Date of Latest Project Plan	
	3) Date of Approval	
	4) Date of Completion Report Submitted	

## II. Description of the Project

<b>Keywords of the project</b>	<ul style="list-style-type: none"> <li>• Capacity building</li> <li>• Human Health impact</li> <li>• Ecological impact</li> <li>• Training activity for the capacity building for scientific approach</li> </ul>
<b>Summary of the project</b>	<ul style="list-style-type: none"> <li>• Scientific knowledges on the relationship between the atmospheric environment and human health as well as ecosystems should be shared with relevant scientists and policy-decision makers for effective science-based policy measures.</li> <li>• In particular, practical analytical tools and approaches to assess regional risks will be informative for future policy making.</li> <li>• A series of the workshops/seminars to introduce these scientific knowledges will be held for coming several years.</li> <li>• Basically, a thematic workshop/seminar focusing on one or a few specific topic(s) will be held once a year.</li> <li>• Common understanding on these issues is expected to contribute to promotion of regional impact assessments and their output-derived policy measures.</li> </ul>
<b>Background and Rationale</b>	<ul style="list-style-type: none"> <li>• The relationships between the atmospheric environment and human health as well as those between the atmospheric environment and ecosystems should be investigated as scientific works for the region.</li> <li>• Simultaneously, these scientific knowledges should be shared with the general public, relevant scientists and policy-decision makers to consider effective science-based policy measures.</li> <li>• In particular, tools to analyze the adverse effects, regional policy practices and institutional changes will help us to achieve sound atmospheric environment.</li> </ul>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• To discuss the various effects on ecosystem and human health by acid deposition/air pollution</li> <li>• To obtain scientific knowledges on the relationships between the atmospheric environment and human health including epidemiological methodology and between the atmospheric environment and ecosystems</li> <li>• To learn science-based policy experiences on reduction of atmospheric pollutants in other regions, such as Europe</li> </ul>
<b>Activities to achieve Objectives</b>	<ul style="list-style-type: none"> <li>● A series of online workshops/seminars.</li> <li>● Main topics of workshops/seminars will be stepped up year by year: <ul style="list-style-type: none"> <li>• (2022: Overview of impact assessments)</li> <li>• 2023: Assessment methodologies, such as epidemiological assessments for</li> </ul> </li> </ul>

	<p>human health and dose-effect relationship on plant health, etc.</p> <ul style="list-style-type: none"> <li>• 2024: Knowledge on related information and tools, such as emission inventory, numerical modeling, population movements, cost-benefit analysis, etc.</li> <li>• 2025: Risk analysis methodologies, such as an integrated assessment model</li> </ul>
<b>Links and relevance to existing policy process of the target areas and regional activities</b>	<ul style="list-style-type: none"> <li>• Air quality standards in the EANET countries are established taking account of human health. Therefore, the atmospheric data should be evaluated with considering the endpoint to validate effectiveness of the existing policies.</li> <li>• In the case of ecological impacts, the secondary standards have already been established in Europe and the US, while the similar standards are still limited in East Asia. The regional assessments on ecosystem impacts will contribute to validate effectiveness of policies to date and common understanding for future policy directions in the regions.</li> <li>• It is effective to conduct the impact assessments on the regional scale to share problems and solutions in collaboration with neighboring countries.</li> </ul>
<b>Expected Outputs</b>	<ul style="list-style-type: none"> <li>• Participants can learn analytical tools of adverse effects and how to reduce their risks through the workshop based on scientific information, which contribute to their capacity building for future related work.</li> <li>• The common understanding mentioned above among many stake-holders</li> </ul>
<b>Expected Outcome</b>	<ul style="list-style-type: none"> <li>• Policymakers would be more aware of the scientific knowledge on adverse effects caused by deteriorated atmospheric environment. Though there is still significant scope before policymakers, the activity can be based on the integrated approach and integrated planning.</li> <li>• Recommendation of SAC to link to the scientific knowledge.</li> </ul>
<b>Risks and Countermeasures</b>	<ul style="list-style-type: none"> <li>• Because this workshop will be held online, there would be less risk by COVID-19.</li> </ul>
<b>Plan to deliver outcomes to beneficiaries</b>	<ul style="list-style-type: none"> <li>• Presentation at EANET meetings/workshops, including a thematic workshop planned in another project activity.</li> </ul>
<b>Comments from PC to be considered in the implementation</b>	
<b>Responses from the Project Lead to above</b>	
<b>Comments from SEC, NC, PCs</b>	<p>*This column will be filled after submission of the proposal to Sec. Sec &amp; NC provide comments on whether the project meets the project criteria or not. Other than above, the interests of PCs will also be added.</p>

### III. IMPLEMENTATION PLAN

In table format, please present a brief, one- to two-page work plan matrix, with a timeline including target dates for activities for the project's life, reflecting the overall program approach and objectives. Applicants may use smaller but legible font sizes in tables.

#### Activities and Milestones

Name of Activities	Brief Summary of Each Activity with milestones and name of responsible IA	Implementation Period
Plan of workshop	Considering the needs and results of previous activities, making plan of workshop	January-June
Invitation	Sending invitation to PCs	July
Workshop	Holding workshop online	September

Analysis on output	Analysis and dissemination on outputs from the workshop	October

#### IV. BUDGET PLAN

**In USD**

Name of Activities	Required Resources (financial and in-kind)	Secured Sources for Required Resources	In-balance
Holding workshop (personnel cost)	19,000		Under consultation
Total	19,000		

*Note: For multiple-year projects, specify the total amount for entire projects and subtotal for each year.*