

Technical support for local capacity development on climate change adaptation actions through online training module of ISO 14090 series

**Online Seminar of the Philippines-Japan Environmental Week
- Adaptation Seminar -**

3 March 2022

Overseas Environmental Cooperation Center, Japan (OECC)



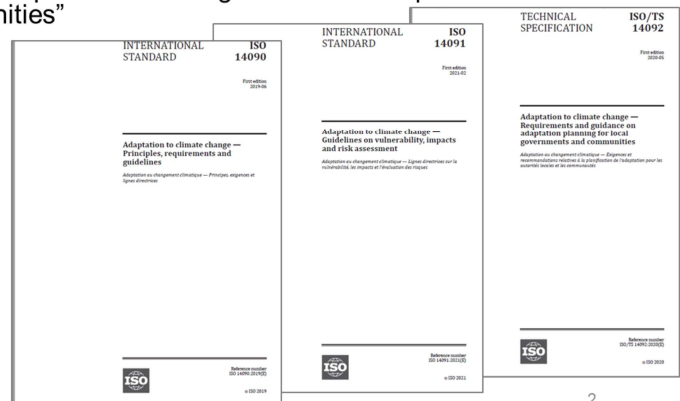
Thank you very much for participating in the session of “Technical support for local capacity development on climate change adaptation actions through online training module of ISO 14090 series.

I am Satoshi IEMOTO of the Overseas Environmental Cooperation Center, Japan. OECC is responsible for the development of online training materials related to climate change adaptation under the international standards, ISO.

Today, let me introduce our project to develop online training materials and demonstrate the training materials.

Development of online training modules related to ISO14090 series with multi-languages

- ISO14090 “Adaptation to climate change – Principles, requirements and guidelines”
- ISO14091 “Adaptation to climate change – Guidelines on vulnerability, impacts and risk assessment”
- ISO14092 “Adaptation to climate change – Requirements and guidance on adaptation planning for local governments and communities”
- In addition to above 3 ISO documents, developing 2 training modules of “Basic understanding of climate change adaptation” and “Utilization of tools to support adaptation planning”. (Total 5 training modules)
- Training module languages: 10 languages:
 - English, **Tagalog**, Thai, Vietnamese, Indonesian, Bengali, Nepali, Khmer, Burma, and Russian
- Technical advices from Advisory committee
 - Professor, Researcher, ISO Expert, Consultant, Information Platform, etc.



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Under guidance by the Ministry of the Environment, Japan, this project is developing online training modules based on three International Standards related to climate change adaptation, includes ISO 14090, 14091 and 14092, which were developed and announced in 2019 and 2020.

In addition to the three ISOs, we have created training materials for “Basic understanding of climate change adaptation” as training Module 1 and “Utilization of tools to support adaptation planning based on scientific knowledge” as Module 5.

This online training material has been prepared in a total 10 languages including English and Tagalog. And we would like to inform many developing countries in the Asia-Pacific region of efforts to adapt to climate change, as stipulated in international standards.

Online tools are created by various organizations, but most of them are in English, making it difficult for non-English speakers to use them easily. In addition to Tagalog, this material is written in the major languages of Southeast Asia: Indonesian, Thai, Vietnamese, Khmer, Burmese and others.

In the preparation of the online training materials, university professors, researchers at research institutes, consultants, Secretariat of the Adaptation Information Platform, and ISO experts who are active in the field of climate change adaptation are also participating in the material development conference, and we developed training materials based on their information and advice.

Concept of development of ISO training modules

These ISO training modules are:

- **Targeting officials of central and local governments in developing countries and regional development planners.**
- **Providing an explanation for budget requirements related to climate change adaptation measures and an idea to construct the logic necessary to request funding from donors.**
- **Enable to explain the strong logic by using the Evidence-based Policy Making (EBPM) tool and arranging issues in accordance with international standards.**

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Let me introduce the concept of the development of the ISO training module for climate change adaptation.

These ISO online training modules are:

- Targeting officials of central and local gov't in developing countries and local/regional development planners.
- Providing an explanation for budget requirements related to adaptation measures.
- Enable to explain the strong logic by using the EBPM tool and arranging issues in accordance with international standards.

Concept of development of ISO training modules

Upper goal	<ul style="list-style-type: none"> ● Ensure human life protection and human security in developing countries exposed to climate change risks.
Objective	<ul style="list-style-type: none"> ● Regional and local government officers in developing countries responsible for human life protection and human security will enhance their capacity to secure and coordinate resources for climate change adaptation.
Targeting users	<ul style="list-style-type: none"> ● Officials of central and local governments in developing countries in the Asia-Pacific region and local community development planners. <p>*In addition, the following are additional targeting users;</p> <ul style="list-style-type: none"> • Module 2 (ISO14090) = Financial authorities, Development authorities, Focal point of Donor Aid agency, etc. • Module 3 (ISO14091) = Consultants, Researchers, Academia, etc. • Module 4 (ISO14092) = Consultants, Local staffs of donor agencies, etc.

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Upper goal of this ISO training material is “Ensure human life protection and human security in developing countries exposed to climate change risks.”

Regarding on the expected users of this training, as I mentioned earlier, we are targeting on officials of central and local governments in charge of climate change adaptation in developing countries and local community development planners.

In addition to the gov’t officials in charge of climate change issues, some of the training modules are expected to be used by financial authorities such as Department of Budget and Management (DBM) at national level and Local Finance Committee at local level, development agencies such as National Economic and Development Authority (NEDA) at national level and Local Development Council at local level, donor agencies, researchers, local staff of international organizations and consultants.

<p>Knowledge and skills acquired after the training</p>	<ul style="list-style-type: none"> ● Understand the basic concepts and principles of climate change adaptation. ● Understand the concept of vulnerability, impact and risk assessment related to climate change. ● Understand the concept of the planning, implementation and monitoring assessment of adaptation measure in the region. ● Understand the mechanisms of policy support tools (including EBPM tools) that contribute to budgeting. ● Understand typical cases of damage and countermeasures from climate change. ● Understand and explain the research and technology that has high hurdles for administrative officials in the finance sector. ● Reorganize regional characteristics from the viewpoint of adaptation and make it easier to take countermeasures. ● Acquire strategic thinking to acquire internal funds (budget) and external funds (ODA) necessary for countermeasures.
<p>Behavioral change leading to problem solving</p>	<p>Officers in developing countries will</p> <ul style="list-style-type: none"> ● Use adaptation policy-making tools to identify issues related to adaptation in area of interest and formulate adaptation plans. ● Develop regional/local adaptation plans after understanding the basic concepts of adaptation. ● Begin to formulate adaptation projects based on regional/local adaptation plans. ● Make budget requests (requests to donors) by building logic that can persuade financial departments and donor communities.

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The knowledge gained after taking the ISO online trainings are:

From basic understanding:

Such as, Understanding the basic concepts and principles of climate change adaptation.

And to practical actions:

Such as, Strategic thinking to acquire budget for necessary adaptation measures.

Also we expecting the training participants will change their behavior to solve the following problems:

-Use adaptation policy-making tools to identify issues related to adaptation in area of interest and formulate adaptation plans.

-Develop regional and/or local adaptation plans

-Begin to formulate adaptation projects

-Budget request by building strong logic that can persuade financial departments and donors.

This is the concept and outline of the ISO online training module for climate change adaptation.



In 2019, the Ministry of the Environment, Japan launched the Asia-Pacific Climate Change Adaptation Information Platform (we called “AP-PLAT”), which was created and operated by the National Institute for Environmental Studies.

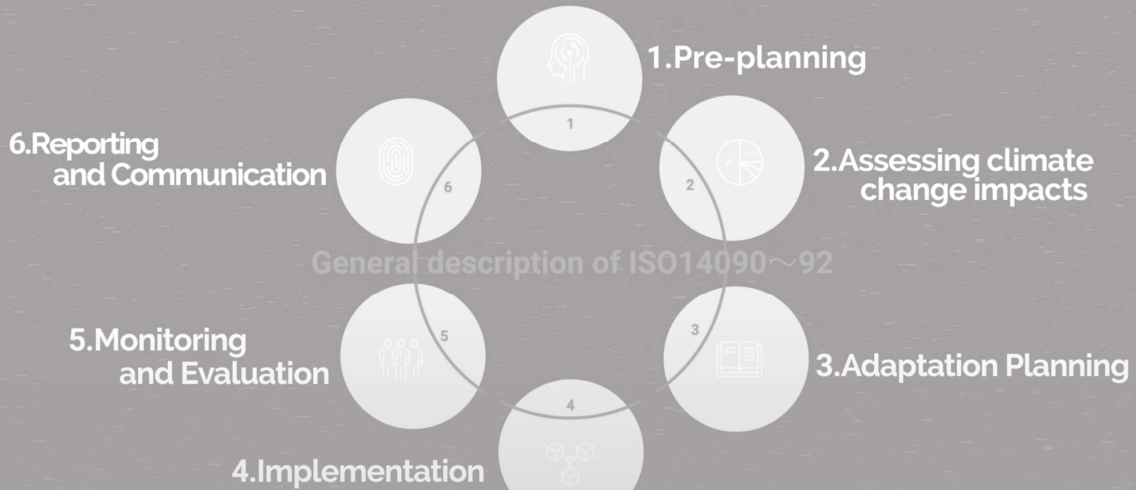
AP-PLAT is a web-based information platform for national and local policymakers, researchers, private companies, and individuals seeking practical and up-to-date information on climate change adaptation and related science.

The goal of AP-PLAT is to contribute to sustainability and resilience in the Asia-Pacific region by providing the information needed to make decisions and supporting adaptive actions.

The ISO online training materials which we are currently developing will be incorporated as one of the contents of AP-PLAT’s capacity development.



1-5 Introduction of Module 2



Introduction of Online Training video material

Module 2 “Adaptation to Climate Change in line with ISO 14090”

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Now, I will introduce the training material video.

I will show a video of module 2 created based on ISO 14090, titled “Adaptation to Climate Change in line with ISO 14090”.

Module 2 is 40-minute video program, but due to time limitation of today’s session, I will introduce first half of the Module 2 video.

This video shows English version with Tagalog language narration.

[Demonstration of online training material]



Next steps... (incl. Online trainings)

- Test run of online training:
 - English version: From Monday, 7 March until mid-March
 - Tagalog version: From Monday, 14 March until late-March
- Full-operation of online training will be planning to start the end of March
 - Go to AP-PLAT website: <https://ap-plat.nies.go.jp/>
- ✓ Online training program is free of charge.
- ✓ Online training is accessible from computers, tablets and smartphones.
- ✓ Certificate of completion of the online training will also be issued.

- Contact information:
 - Secretariat for the online training program of ISO14090 series
 - c/o Overseas Environmental Cooperation Center, Japan (OECC)
 - Satoshi IEMOTO (Mr.)
 - iemoto@oecc.or.jp

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We have introduced first half of Module 2 training material video with Tagalog audio narration.

We are in the final phase of the development of online training modules, we will organize the trial online trainings. Trial online training with using English version materials will start from next Monday, 7 March. And we are also planning to arrange online training with using Tagalog language in mid-March.

After modification based on the trial sessions, Climate Change Adaptation ISO online training modules will be publicly available from the end of March.

Please visit AP-PLAT website for more information.

Online training is a free of charge program.

Online training can be accessed from computers, tablets and smartphones.

In addition, those who have completed the online training will be issued a certificate of completion.

Please contact us, OECC if you have any questions about online training program.

Thank you very much for your participation today. We look forward to your participation in the online trainings.