



CESRA

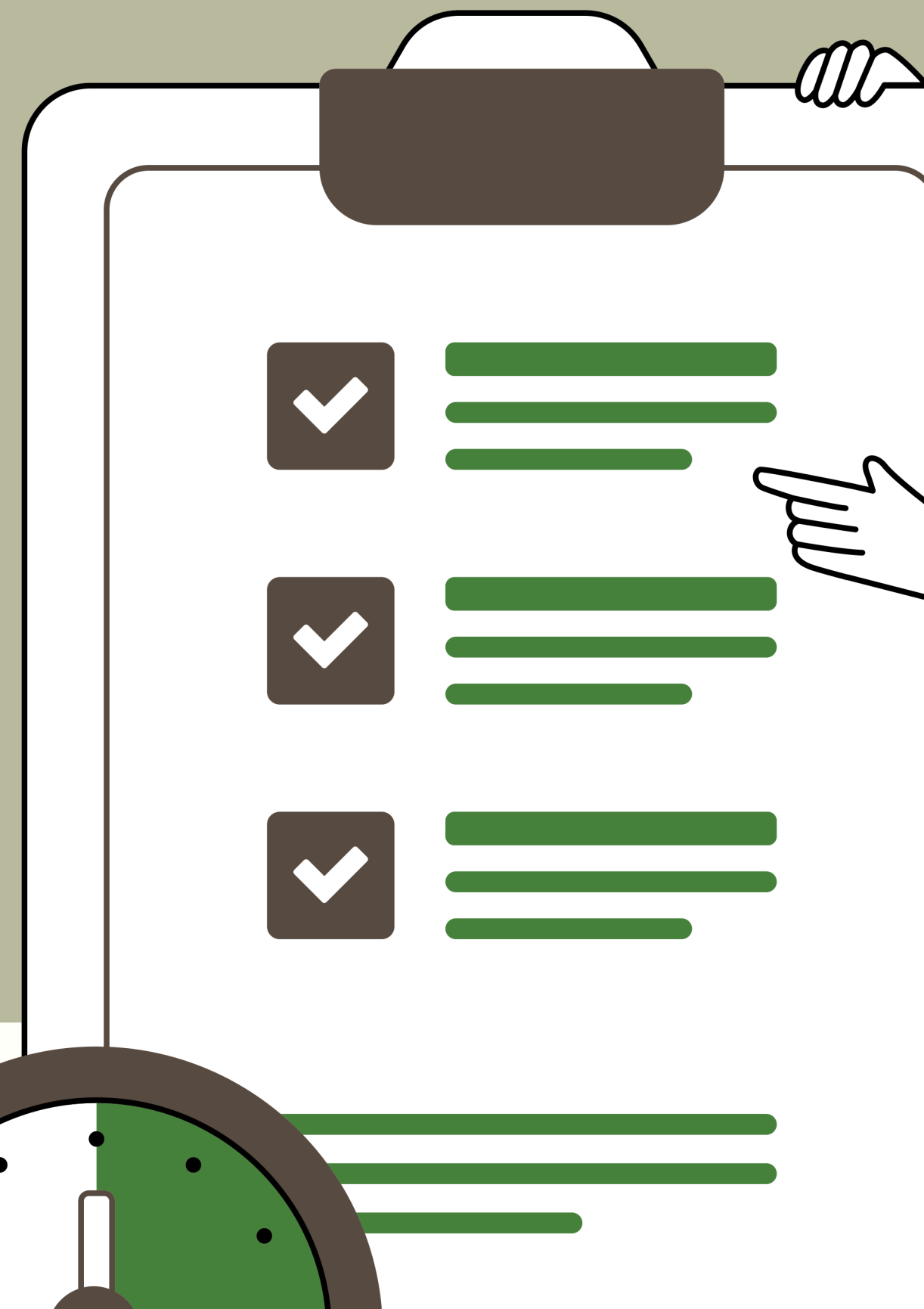
ศูนย์ความเป็นเลิศด้านการวิจัยดินแห่งภูมิภาคเอเชีย
CENTER OF EXCELLENCE FOR SOIL RESEARCH IN ASIA

<https://cesra.ldd.go.th>

20 23

CESRA REPORT

*Presented by
Mr. Anuwat Pothinam, Director of CESRA*



CESRA Steering Committee



- CESRA Steering Committee was established in 2023 and the **first meeting** was held in **June 2023**.
- During the meeting, the CESRA Term of Reference was **revised** and **endorsed** with some key function as the Technical Committee was included to CESRA function.
- The document was published on CESRA website



TECHNICAL COMMITTEE

- The Technical Committee comprises of **9 members**
- **6 soil experts** from Asian countries **plus 3** from international **organizations** and will be selected by the CESRA's Steering Committee through a competitive process every 3 years.
- The committee will be responsible for facilitation the academic aspects of CESRA.
- A call for application to be members of the technical committee has been circulated to the National Focal Points of each country.
- All the names will be presented to the Steering Committees for **selection** /at the **next Steering Committees meeting in May 2024**.
- The names of TCs will be **announced by June 2024**.
- The first technical committee **meeting** will be held in **July 2024**.

No.	Name	Country	Office
1	Pawan Kumar	India	Agriculture Research Campus
2	U. Surendran	India	Principal Scientist & Head, Land and Water Management Research
3	Mohammad Ali Hajabbasi J.	Iran	Head of Soil Science Department, Isfahan University of Technology
4	Lulie anak Joshua Melling	Malaysia	Sarawak Tropical Peat Research Institute (TROPI)
5	Bazarradnaa Enkhtuya	Mongolia	Mongolian University of life Sciences
6	Karen Salandanan-Bautista, PhD	Philippines	Bureau of Soils and Water Management (BSWM)
7	Worachart Wisawapipat	Thailand	Department of Soil Science, Faculty of Agriculture, Kasetsart University
8	Fapailin Chaiwan	Thailand	Faculty of Agriculture, Chiang Mai University
9	Wanwisa Pansak	Thailand	Faculty of Environment and Resource Studies Mahidol University



CESRA Forum



- CESRA Forum, is an annual meeting of all CESRA members.
- The **first CESRA forum** was held in **September 2022**, in Bangkok, Thailand.
- Participants from **19 organizations** of **10 countries**, including Vietnam, Laos, Cambodia, Myanmar, Sri Lanka, India, the Philippines, China, Mongolia, and Thailand.
- **The outcomes** from the forum include:
 - **Sharing and exchanging** knowledge, experience, and best practices on soil management from different countries, with knowledge gaps in soil research of member organizations used in preparing the potential development plan of CESRA members.
 - **List of funding** sources both domestic and international that can support research funding for 11 CESRA member organizations.
 - **Agreement on the proposal** development in **3 topics** including soil erosion, soil salinization and soil carbon.



CESRA Forum



- The **second CESRA forum** will be organized in **August 2024** in hybrid both online and onsite in Bangkok.
- There will be a presentation of the outstanding activities on soil and sustainable soil management of member organizations.
- Also, the forum aims to develop regional research proposals, building on the 3 topics that were mutually agreed upon and develop new topics of research proposals, including organizing a meeting of the working group of Department of Soil Research Development.

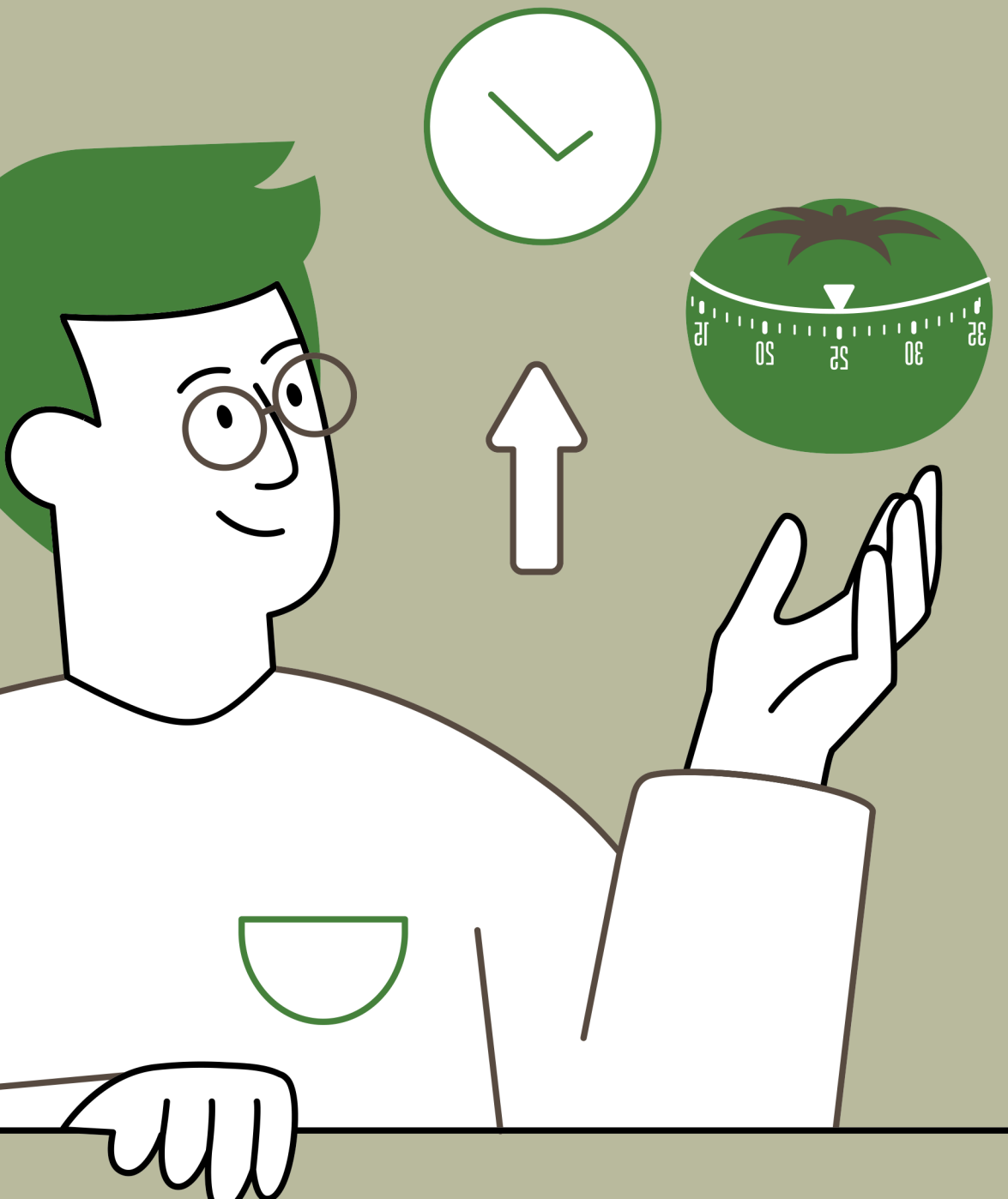
SSM BEST PRACTICES



- A sharing platform was created.
- The SSM template has been developed and will be circulated to members to submit information very soon.
- Information will be reviewed and certified by the Technical Committee before publicize on the website.
- CESRA would like to **invite all members** to provide **inputs** and **upload** such information to this database.
- CESRA has been discussing with FAORAP and WOCAT to establish the **hyperactive link** in the CESRA website, where ASP members could access.
- If this is agreed, we will communicate with WOCAT and find solutions for CESRA and Members to share information and knowledge through this link.

CAPACITY BUILDING

- Last year, Department of Soil Information and Training (or DSIT) of CESRA **established an online platform** for knowledge sharing and capacity building among members via CESRA website (<https://cesra.idd.go.th/courses/>)
- There are **two e-training courses** that have already been launched.



Chapter: 9, Content: 9 Pre-Test Post-Test

Development of Diagnostic Skills of Soil Limitations for Sustainable Agriculture

Course I : Development of Diagnostic Skills of Soil Limitations for Sustainable Agriculture

- 1) Knowing soils for absolute beginners
- 2) Soil limitation and quality
- 3) Simplified techniques for diagnosis soil physical quality
- 4) Simplified techniques for diagnosis soil chemical quality
- 5) Simplified techniques for diagnosis soil biological quality
- 6) Soil limitation analysis by soil quality assessment
- 7) Soil limitation management



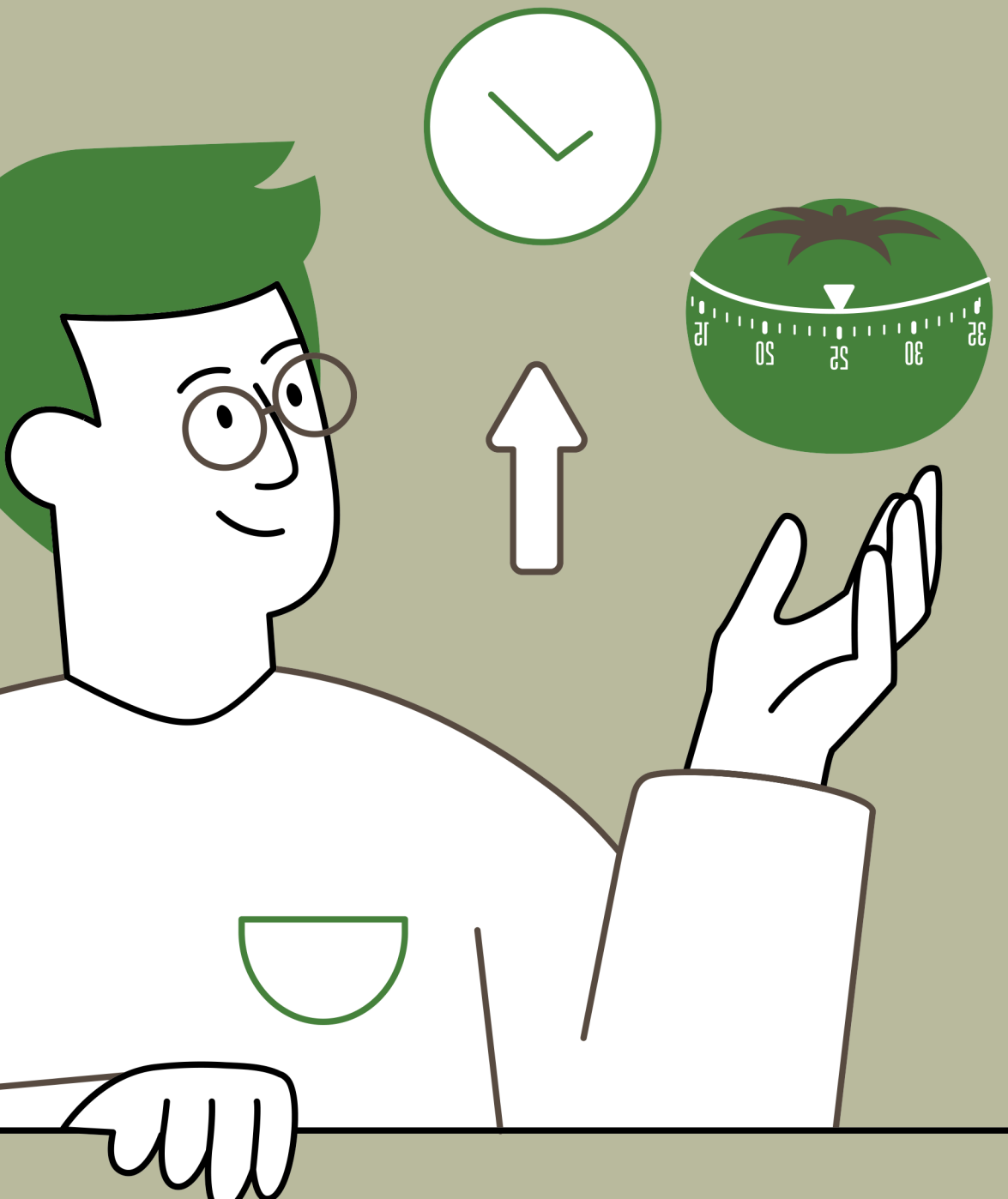
Chapter: 4, Content: 4 Pre-Test Post-Test

Thriving Soils, Thriving Thai Nation: Combatting Threats with Regenerative

Course II : Thriving Soil, Thriving Asia: Combatting Soil Threats with Regenerative Practices

- Lesson 1: Soil Threats in Thailand: Introduction & Status Update
- Lesson 2: Battling Soil Erosion: Causes & Solutions
- Lesson 3: Nutrient Imbalance: Unlocking the Secrets to Soil Fertility
- Lesson 4: Managing Soil Salinity: Strategies for Prevention & Control

CAPACITY BUILDING



- All members are welcome to be a part of CESRA's knowledge sharing platform by preparing videos on your specific soil types, issues or solutions to be uploaded on CESRA's e-training platform.
- Please make sure that your **videos** are professional-looking with **high resolution of 720 pixels, clear pictures** with proper lighting and use microphone for a clear sounds. Your videos should **not be longer than 10 minutes**.
- DSIT will also invite working group members to meet and discuss on an action plan for capacity building on soil during **June-July 2024**.



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**Thank
You!**

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