



第23届世界土壤学大会  
The 23<sup>rd</sup> World Congress of Soil Science

# 摘要提交手册

- (1) 如何提交摘要？
- (2) 摘要主题



# 重要日期



第23届世界土壤学大会  
The 23<sup>rd</sup> World Congress of Soil Science

**提交开放：**2025年7月7日，星期一

**摘要提交截止日期：**2025年11月7日，星期五

**摘要评审：**2025年11月至2026年2月

**摘要结果通知：**2026年2月7日结束

**早鸟注册截止日期：**2026年3月7日，星期六



Soil and the Shared Future for Humanity

# 如何提交摘要？



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## 第一步：阅读大会网站上的摘要指南。

### Abstract Guidelines

- (1) All abstracts must be written in English.
- (2) Abstracts can only be submitted online via the conference website. This is the ONLY option for abstract submission.
- (3) Define all abbreviations and concepts in your abstract at first use.
- (4) Abstracts must be received by the announced deadline (before November 7, 2025). Abstracts received after the deadline will not be considered.
- (5) All abstracts must be submitted and presented in clear English with accurate grammar and spelling.
- (6) The presenting author is required to ensure that all co-authors are aware of the content of the abstract before submission of the abstract.
- 🔔 (7) Only abstracts for which presenting authors have paid the conference registration fees by [May 7, 2026](#) will be included in the Scientific Program.
- 🔔 (8) Please note, there is no fee or charge to submit an abstract.
- (9) All abstract submitters including presenting authors are expected to pay their own travel expenses and conference registration fee(s).
- (10) Instructions for preparation of presentations will be made available on the Congress website.

### Guidelines for Submission

Download the abstract template Here: [Abstract Template.docx](#)

Before you begin your abstract submission, please prepare the following information:

- (1) Presentation type
- (2) Abstract topic – select the topic per the list of session topics.
- (3) Presenting author's contact details: Name, Email address, Affiliation
- (4) Abstract text – limited to 3000 characters with spaces in total, this including Acknowledgments and References if any.

🔔 *Please Note: All Presentations are intended to be given in person, onsite, in Nanjing.*

You will receive a confirmation email after you have submitted your abstract. Please contact us by the email [wcss2026@issas.ac.cn](mailto:wcss2026@issas.ac.cn) if you have not received confirmation that your abstract has been submitted.

### Notification of Acceptance

Notification of acceptance will be sent by e-mail to abstract submitting author before 7 February 2026.

### Withdrawn Abstracts

If the presenting author of an accepted abstract does not register before 7 May 2026, the abstract will be automatically withdrawn from the final program. If you must withdraw an abstract, please notify the WCSS 2026 Secretariat by email as soon as possible.

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第二步：转到WCSS2026官网并登录或注册。

The 23<sup>rd</sup> World Congress of Soil Science  
Soil and the Shared Future for Humanity  
JUNE 7–12, 2026 Nanjing · China

返回会议首页

**注册步骤**

- 每位参会代表在注册前均需创建一个账户。
- 如果您是首次注册参会，请点击“新用户注册”。
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- 登录后您可以开始注册流程。

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如您在注册过程中遇到任何问题，欢迎通过以下邮箱与我们联系：wcsc2026.reg@issas.ac.cn

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第三步：在摘要提交中，单击“投稿”。

## 投稿须知

投稿开始时间：2025-06-07

投稿截止时间：2025-11-07 23:59:59

摘要字数限制：最多 3000 个字

投稿须知：

投稿前请准备好以下内容：

① 论文题目；② 关键词2~5个；③ 报告作者及邮箱（用于接收大会通知）；④ 正文（请下载【[模板](#)】）

注意事项：

1. 每位代表可提交1篇论文摘要，征文范围请在大会网站专题研讨会页面查阅 (<https://www.23wcsc.org.cn/topic/index.html>)；
2. 所提交摘要（论文）视为均可公开，所上传内容均不得涉密。论文第一作者对论文保密问题负全部责任，请自行做好单位保密审查；
3. 正式提交后的摘要会显示在下方页面的【论文列表】中，暂存的摘要不会显示在列表中，请进入投稿页面点击【引入草稿】查看；
4. 论文摘要需使用英语撰写。
5. 摘要被接收的参会者需在2026年5月7日前完成注册缴费，否则视为自动放弃，组委会将撤销该摘要。

## 论文列表

投稿

| 编号     | 报告作者 | 题目 | 类型 | 主题 | 终审状态 | 操作 |
|--------|------|----|----|----|------|----|
| 暂无数据   |      |    |    |    |      |    |
| 共 0 条  |      |    |    |    |      |    |
| 10条/页  |      |    |    |    |      |    |
| < 1 >  |      |    |    |    |      |    |
| 前往 1 页 |      |    |    |    |      |    |

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第四步：请仔细填写信息，尤其是带有星号（\*）的部分。

论文投稿 引入草稿

|                                        |                                  |
|----------------------------------------|----------------------------------|
| * 类型<br>口头报告                           | * 报告者电话                          |
| * 主题<br>305007: Organohalide biogeo... | * 报告者邮箱                          |
| * 摘要题目<br>必填项                          | 其他作者单位 按顺序依次添加其他作者单位<br>添加其他作者单位 |
| * 关键词 *输入后请回车生效<br>必填项                 | 其他作者 按顺序依次添加其他作者姓名<br>添加其他作者     |
| * 报告作者<br>必填项                          | * 正文<br>上传文件<br>.docx格式且大小不超过2M  |
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| 提交投稿                                   | 暂存信息                             |

- (1)选择您的演示文稿类型;
- (2)选择主题;
- (3)输入您的摘要标题;
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- (6)上传正文(使用提供的模板);
- (7)点击“提交”或“保存”。

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第五步：如果您单击“提交”，您的摘要将显示在“摘要列表”中。  
您可以删除或查看提交的摘要。

| 论文列表                     |      |      |      |                                                                                           |       |                                                             |
|--------------------------|------|------|------|-------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------|
| 投稿                       |      |      |      |                                                                                           |       |                                                             |
| 编号                       | 报告作者 | 题目   | 类型   | 主题                                                                                        | 终审状态  | 操作                                                          |
| 27732                    | 李三   | soil | 口头报告 | 102002: The Third National Soil Survey in China: Key Technologies and Result Applications | 一审待审稿 | <a href="#">删除</a> <a href="#">查看</a> <a href="#">查看投稿码</a> |
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第六步：如果单击“暂存信息”，草稿将不会列出，您可以通过提交页面上的“引入草稿”进行检索。

论文投稿

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\* 类型

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305007: Organohalide biogeo...

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\*输入后请回车生效

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\* 报告作者

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\* 报告者电话

\* 报告者邮箱

其他作者单位

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添加其他作者单位

其他作者

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\* 正文

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提交投稿

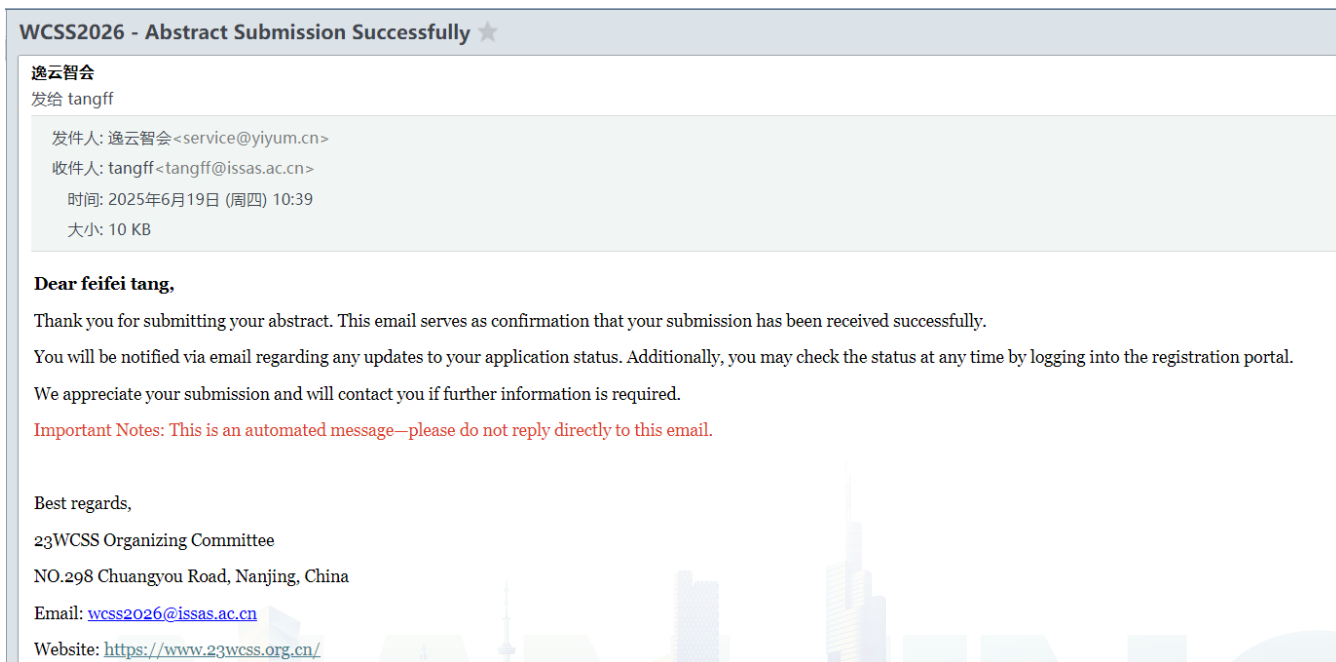
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第七步：提交后，由以下人员发送确认电子邮件逸云智会  
<service@yiyum.cn>（大会注册系统供应商）将发送到您注册的电子邮件地址。



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详细信息请访问大会网站。

## 101 Soil Morphology and Micromorphology

- 101001 Advances in Soil Morphology and Micromorphology: unveiling the earth's hidden resource
- 101002 Micromorphology as a Tool for Understanding the Evolution of Soils and Environments in Natural and Human-Impacted Landscapes

## 102 Soil Geography/Soil Genetic Classification and Soil Geography

- 102001 Magnetic enhancement of the soils in urban/industrial areas: Sources and properties of anthropogenic magnetic particles and its influences on soil genesis
- 102002 The Third National Soil Survey in China: Key Technologies and Result Applications
- 102003 Soil structure and ecosystem functioning in Earth's Critical Zone

## 104 Soil Classification

- 104001 The Role Soil Classification in the Shared Future of Humanity

## 105 Pedometrics

- 105001 Advancing pedometrics



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## 106 Paleopedology

- 106001 Paleosols as Memory: Transdisciplinary Insights into Changing Paleoenvironments across Geological Timescales
- 106002 Traditional and Novel Concepts, Approaches, and Methods in Studying the Past Genesis of Soils and Soil-Sedimentary Systems

## 108 Digital Soil Mapping

- 108001 Advances in Remote Sensing for Soil Property Mapping
- 108002 Democratizing Digital Soil Mapping: Innovative Technologies for Global Soil Services and Solutions
- 108003 Leveraging Site and Spatial data for Soil monitoring

## 110 Proximal Soil Sensing/Soil Remote Sensing and Information

- 110001 Advances in soil health monitoring with proximal sensing
- 110002 Soil Organic Carbon Accounting Using Proximal Sensing: Advancing Sustainability Across Agricultural and Natural Ecosystems
- 110003 Soil Spectroscopy: A Global Solution for Sustainable Soil Management and Food Security

## 112 Universal Soil Classification

- 112001 Advances in Numerical Soil Classification

## 113 World Reference Base

- 113001 Towards improved criteria, diagnostics, and classification of human-constructed and human-transformed soils in the World Reference Base (WRB) system

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## 201 Soil Physics

- 201001 Beyond Plant Available Water – New Insights on Soil Water Accessibility
- 201002 Linking Physical and Hydrological Processes with Soil Health and Functionality in Terrestrial Ecosystems

## 202 Soil Chemistry

- 202001 Physicochemical and Biological Processes of Chemicals in Soils

## 203 Soil Biology/Soil Biology and Biochemistry/Soil Virus

- 203001 Diversity and Function of Soil Viromes
- 203002 Roles of extracellular polymeric substances in biogeochemical cycling and soil health
- 203003 Soil Biodiversity and Soil Health: Interactions, Indicators, and Innovative Approaches
- 203004 Soil Biogeochemistry in Wetlands: Foundations for Restoration and Climate Resilience
- 203005 Soil Microbiomes – Importance For Climate Resilient Future, Degraded Lands Restoration And Plant Health Control
- 203006 The rise and fall of microbial diversity in soil: drivers, consequences, and implications

## 204 Soil Mineralogy

- 204001 Geophagic clays as a focus of interdisciplinary research
- 204002 Soil mineralogy: current state and perspectives

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## 205 Soil Chemical, Physical and Biological Interfacial Reactions

- 205001 Life, agriculture, and productive systems in arctic and other cold regions

## 206 Hydropedology

- 206001 Hydropedology: Addressing real-world problems through interdisciplinary science

## 207 International Soil Modeling Consortium

- 207001 Modelling soil processes from ped to global scale
- 207002 Soil Erosion Modelling: Global Alliance



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## 301 Soil Evaluation and Land Use Planning

- 301001 Better management of organic agro-waste in response to various global environmental issues
- 301002 Soil evaluation and land use planning for sustaining productivity

## 302 Soil and Water Conservation/Soil Erosion and Soil-water Conservation

- 302001 Changing the drainage target, balancing water control and environmental effects?
- 302002 Managing water for managing soil health?
- 302003 Occurrence, mechanisms, and behavior of soil water repellency
- 302004 Rethinking the planning of soil and water management under climate change
- 302005 Soil erosion and conservation
- 302006 Water Flow and Solute Transport in the Soil-Plant System

## 303 Soil Fertility and Plant Nutrition/Soil-plant Nutrition/Soil Fertility and Fertilizer

- 303001 Advances in Soil Fertility Management Through the Utilization of Organic Waste
- 303002 Global and regional trends in cropland nutrient balance and use efficiency
- 303003 Global Phosphorus Stewardship: Innovations and Strategies for Sustainable Soil Fertility
- 303004 Novel fertilizer research and industrial development

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- 303005 Plant nitrogen utilization: from cell to field
- 303006 Rhizobiont for high nutrient use efficiency
- 303007 Sustainable Phosphorus use in Agroecosystems: New Approaches to Optimizing Nutrient Management and Ecosystem Functionality

## 304 Soil Engineering and Technology/Soil Engineering/Soil Analysis Technique

- 304001 Advancing Soil Microbial Insights via Single-Cell Technologies
- 304002 Application of advanced instrumental analysis techniques in soil science
- 304003 Can enhanced rock weathering capture and store atmospheric CO<sub>2</sub>? Its expectations and limitations.
- 304004 Engineering technology system for efficient quality improvement of obstructed soil
- 304005 Survey-Based Soil Spectral Library for Agricultural Management

## 305 Soil Degradation Control, Remediation and Reclamation/Soil Remediation/Environmental Micro-Plastics

- 305001 Deciphering the Soil-Pollutant Nexus: Biogeochemical Frontiers for Soil Health and Sustainable Ecosystems
- 305002 Enhanced In Situ Bioremediation for Contaminated Sites



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- 305003 Integrated remediation and utilization strategies for degraded soils in mined lands
- 305004 Investigation and Assessment of PFAS-Impacted Agricultural Lands and Food Crops
- 305005 Micro- and Nano-plastics in the Soil: From Pollution to Solution
- 305006 New pollutants in soils
- 305007 Organohalide biogeochemical cycling and remediation in soil
- 305008 Selenium-Heavy Metal Interactions: Biogeochemical Cycling, Health Risks, and Sustainable Remediation Strategies
- 305009 Soil Pollution by Heavy Metals and Risk Control

## 306 Salt-affected Soils

- 306001 Global status of salt-affected soils: the outcomes of the FAO's report
- 306002 Soil salinity management strategies for sustainable agriculture from plot to regional scales

## 307 Soils of Urban, Industrial, Traffic, Mining and Military Areas (SUITMA)

- 307001 Past, present, and future of SUITMA (soils of urban, industrial, traffic, mining and military areas)

## 308 Acid Sulphate Soils

- 308001 Health Maintenance and Sustainable Management of Acidified Soils
- 308002 Wetland soils, acid sulfate soils and sulfidic materials

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## 309 Forest Soils

- 309001 Forest and Grassland Soil Functions and Sustainable Utilization under Global Change
- 309002 Forest Soil Management: Processes, Challenges, and Sustainable Production
- 309003 Rubber-based agroforestry ecosystems enhance soil enzyme activity but exacerbate microbial nutrient limitations
- 309004 Soil microbial diversity and functions in carbon and nitrogen cycling in response to tree diversity, wildfires and climate change
- 309005 Soil organic matters dynamics and nutrient cycling in global forests under climate change
- 309006 Gaining food from barren mountains: Synergistic mechanisms driven by woody oil crops for non-arable land restoration and sustainable use

## 310 Paddy Soils

- 310001 Restoring Soil Health for Sustainable Rice Cultivation: Pollution Remediation, Microbial Innovations, and Resilient Paddy Systems in East Asia
- 310002 Soil health-Water-GHG Nexus for sustainable crop production in paddy soils
- 310003 The synergistic effects of lime, NPK, and manure application on rice productivity in the soils of the Old Himalayan Piedmont Plain
- 310004 Understanding paddy soil microbiomes for food and climate security

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## 401 Soils and the Environment/Soil Environment/Soil Ecology

- 401001 Peatlands in a changing world
- 401002 Soil food web structure and function under global change
- 403003 Unveiling the hidden world: Biodiversity and ecological function of soil fauna

## 402 Soils, Food Security, and Human Health

- 402001 Conservation and restoration of black soils in agro-ecosystems
- 402002 Soil, Global Change, Food Security and Human Health
- 402003 Soil Management and Food Sovereignty through Collective Strategies
- 402004 Sustainable Management and Restoration of Black Soils: Global Experiences and Actions
- 402005 Soil Security and Policy: Foundations for a Sustainable Future

## 403 Soils and Land Use Change

- 403001 Healthy Soil Uses for Humankind
- 403002 Land Use and Management Effects on Soil Health and Environmental quality

## 404 Soil Education and Public Awareness/Soil Science Education

- 404001 Accelerating equity in Soil Sciences to strengthen the IUSS
- 404002 Share our standpoints of soil teaching and learning at school, university and civil society for the future development of better soil education system.

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- 404003 Soil and Sensibility: Revisiting Oral and Written Traditions in South Asia

## 405 History, Philosophy, and Sociology of Soil Science

- 405001 Fostering International Collaboration in Soil Science
- 405002 Language of Soil – Mapping Concepts across Interdisciplinary Fields of Soils Research
- 405003 Soil literacy for all: transforming global awareness into engagement and impact through collective action
- 405004 Women in Soil Science: Closing Gaps and Strengthening Collaboration

## 406 Young and Early Career Scientists/Youth

- 406001 Bridging young and senior soil scientists to foster future generations of soil advocacy
- 406002 Future of Soil Science: Next 20 years and beyond

## 407 Nitrogen

- 407001 Soil nitrogen processes, consequences, and regulations

## 408 Soil Health

- 408001 Harmonization of Soil Health Monitoring: Scientific, Institutional, and Societal Perspectives
- 408002 Nature-Based Solutions for Soil Health and Sustainable Crop Production
- 408003 Soil Management Practices on Soil Health in Plastic Greenhouses

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## 409 Carbon Neutrality and Global Change

- 409001 Advances in Best Management Practices for Achieving Climate-Smart Agriculture
- 409002 Advancing Soil Organic Carbon Science for Sustainable Land Management
- 409003 Climate change and soil microbial control carbon sequestration
- 409004 Evolution of Soil Organic Matter: Impacts of Climate Change and Land Use Change
- 409005 Next-Generation Pyrogenic-C Systems: From Molecular Mechanisms to Planetary-Scale Impacts
- 409006 One carbon metabolism in terrestrial ecosystems
- 409007 Physical, chemical, and biological drivers for soil greenhouse gas fluxes
- 409008 Soil Carbon Dynamics and Impacts of Land Use and Management
- 409009 Soil carbon fluxes for climate and soil health
- 409110 Soil microbial life and death: impacts on soil organic carbon dynamics under global change
- 409111 Soil organic matter transformation, stabilization and storage
- 409112 The challenge and opportunity for precise assessment and prediction of soil carbon sequestration and storage across spatial and temporal scales
- 409113 Soil Organic Carbon Monitoring and Management: Integrating Science, Technology, and Practice for Sustainable Ecosystems

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## 501 Soil Science Edition and Term Verification/Journals

- 501001 A 35-Year Journey of Pedosphere: Promoting Soil Sciences across the World
- 501002 Opportunities and challenges for the development of soil science journals

## 502 Cultural Patterns of Soil Understanding/Soil Science Popularization

- 502001 Cultural Wisdom, Global Soil Futures: Advancing Soil Security Through Connectivity
- 502002 From Dirt to Destiny: Communicating Soil Science for Global Sustainability and Cultural Understanding
- 502003 Sculpted by stones, enriched by soils: Global trends on Historic Agricultural Terraces. First step towards building a research community

## 503 AI

- 503001 AI and Innovative Technologies for Research, Mapping, and Sustainable Management of Salt-Affected Soils
- 503002 The Application of Machine Learning to Soil Morphology and Micromorphology
- 503003 The digital age in the study, evaluation and teaching of soil sciences
- 503004 Web-based digital twins and decision support systems for soil sustainability in land planning and management



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## 504 Entrepreneurship and New Farmers

- 504001 Soil technology applications and entrepreneurship
- 504002 Climate-friendly and sustainable agricultural practices with plateau-specific characteristics and multi-dimensional symbiosis in Yunnan under climate change
- 504003 New Farmers: A Vital Force in Promoting Rural Sustainability and Agricultural Diversity
- 504004 Safeguard the Land: Chinese Community-Supported Agriculture Network with Participatory Guarantee System Practices



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# THANK YOU

如果您还有其他问题，  
请通过电子邮件与我们联系：[wcss2026@issas.ac.cn](mailto:wcss2026@issas.ac.cn).



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