**Call for Papers for the 19th National Environmental Conference for Doctoral Students**

The 19th National Environmental Conference for Doctoral Students (NECDS) is an international conference focusing on environmental and related disciplines. Guided by the mission of "Fostering Innovation through Exchange and Collaboration, and Achieving Mastery through Comprehensive Learning", NECDS offers a high-level platform for doctoral students in environmental and related fields to discuss emerging theories and technologies in environmental science and engineering.

Over the past eighteen years, NECDS has focused on addressing the needs of pollution control and environmental quality improvement, while remaining committed to cultivating high-level environmental talents for the country and worldwide. The conference complements routine doctoral education by providing a second classroom with guidance from renowned experts and opportunities for peer interaction. It has successfully bridged gaps between different environmental disciplines and fostered cross-disciplinary and cross-media innovation. Centered on graduate students, NECDS has become an exchange platform characterized by its self-organization and active participation.

To date, NECDS has been successfully held for eighteen sessions, attracting over 4,500 attendees. It has gained widespread recognition from scholars, postdoctoral researchers, doctoral and master's students worldwide in the environmental field, making it one of the largest platforms for researchers in the environmental field to exchange academic ideas, broaden their disciplinary perspectives, and build academic friendships.

**The 19th NECDS will take place in May 2025**. This year's conference is jointly hosted by Tsinghua University, the Chinese Society for Environmental Sciences, and the State Key Laboratory of Regional Environment and Sustainability, organized by the School of Environment of Tsinghua University, and supported by the Asian University Alliance, the *Frontiers of Environmental Science & Engineering*, Hach and Elsevier.

**Ⅰ. Important Conference Information**

**1. Conference Date:** 10th May to 13th May 2025.

**2. Conference Format:** Hybrid in-person and online sessions. The in-person sessions will be held at Tsinghua University, and the online sessions will be conducted via Tencent Meeting (VooV Meeting).

**3. Conference Sessions:** Keynote speeches, session keynote speeches, oral presentations in parallel sessions (both in-person and online), poster presentations (online), and workshops (both in-person and online).

**4. Deadlines and Milestones**

(1) Opening of abstract submission: 5th February 2025

(2) Deadline for abstract submission: 19th March 2025

(3) Announcement of accepted abstracts: 13th April 2025

(4) Confirmation of attendance and essential information registration: 17th April to 23th April 2025

(5) On-site registration for the conference: 10th May 2025

**5. Conference Fees**

Participants are required to pay a registration fee to cover the costs of meals, conference facilities, and conference materials, etc. The registration fee is 1,000 CNY for on-site attendees, and 300 CNY for online attendees. Waivers are possible on request.

Note: The registration fee of the students of Tsinghua University will be paid by the School of Environment, Tsinghua University. Registration fee of the international students will be paid by the Asian University Alliance.

The registration fee payment processes will be announced in detail later. Please pay attention to relevant notifications.

**II. Conference Session Themes**

**1. Water Pollution Control and Resource Utilization:** Urban sewage and industrial wastewater treatment processes; Surface water pollution control; Groundwater pollution control; Drinking water safety and disinfection byproduct research; Water supply and drainage engineering technology; Wastewater resource treatment technologies, etc.

**2. Air Pollution and Control:** Atmospheric physics and environmental chemistry;Air pollution control technologies;Air pollution (smog) monitoring, forecasting, and early warning; Air emission inventory and pollution source analysis; Air pollution dispersion modeling and application technology research, etc.

**3. Solid Waste Management and Resource Utilization:** Solid waste treatment and disposal; Solid waste recycling; Solid waste management; Value-added utilization of solid waste.

**4. Environmental Chemistry:** Persistent organic pollutants and emerging contaminants; Environmental functional materials; Environmental toxicology; Environmental monitoring and analysis, etc.

**5. Environmental Economics, Management, and Policy:** Urban environmental planning and management policies; Large-scale environmental system analysis and simulation; Environmental policy analysis, etc.

**6. Environmental Ecology and Health:** Environmental biology; biogeochemical cycles; Environmental ecological restoration; Soil environmental change and remediation; Extreme events and ecological health, etc.

**7. Implementation Paths, Mechanisms, and Policies for carbon peaking and neutrality:** Energy system modeling and policy; Synergistic paths for pollution reduction and carbon mitigation; Global climate response and governance; Energy storage and renewable energy utilization, etc.

**III. Target Audience**

The NECDS is mainly open to doctoral students in environmental disciplines and related fields, both in China and internationally, while all forums will also accept submissions from master's students and postdoctoral researchers. Additionally, seats for auditing will be available to currently enrolled doctoral students, master's students, and postdoctoral researchers.

**IV. Conference Submissions**

Submissions for oral presentations and posters will be received online, and **all submissions must include an extended abstract**. Please submit your abstract via the official website of the National Environmental Conference for Doctoral Students (http://ndac.env.tsinghua.edu.cn/). The detailed submission instructions and participation guidelines can be found in the appendix.

**V. Conference Paper Submission Guidelines**

1. This conference requires the submission of **extended abstracts in English**, which must align with the conference themes. The extended abstracts should follow the template provided on the official website and be submitted online (http://ndac.env.tsinghua.edu.cn/).

2. Considering the protection of participants' academic work, **this conference will not publish an abstract collection, and conference papers will not be assigned a journal issue number either**. Research findings will be shared only for internal discussions among participants and **will not affect future journal/conference submissions**.

3. **Submissions are not restricted to unpublished papers.** Research findings from your published works are also welcomed.

4. When submitting your abstract, you must choose between an oral presentation **OR** a poster display, while submissions to both categories are not permitted. **Each participant** **can submit only one extended abstract** and cannot use different accounts to submit more than one abstract.

5. Oral presentations at this conference will be in **English for the online sessions**, while both English and Chinese are acceptable for in-person sessions.

6. The conference organizing committee will **invite experts in the environmental field and young scholars to review the submissions, ensuring the quality of the submission.**

7. The conference requires that all **submissions be original**. Any cases of plagiarism, copying, resubmitting previously accepted papers by this conference, or other forms of academic misconduct will hold the submitter accountable.

8. If you have any other questions related to submission or the conference, please feel free to contact the organizing committee promptly at ndac@tsinghua.edu.cn. All important information regarding submissions, acceptance, participation confirmation, and attendance will be communicated via email or phone, so please ensure that your contact information is correct and check your messages regularly.

**VI. Conference Contact Information**

1. Conference Email: ndac@tsinghua.edu.cn

2. Conference Website: http://ndac.env.tsinghua.edu.cn/

3. Conference WeChat Official Account: 环境博论



Welcome to the 19th National Environmental Conference for Doctoral Students!

The Organizing Committee of the 19th NECDS

February 2025

**Appendix: Submission Process and Conference Participation Guidelines**

**I. Process for Submitting Papers for Oral Presentations and Poster Sessions at the Conference**

1. Registration on the Conference Website

Visit the conference website (http://ndac.env.tsinghua.edu.cn/) to complete new user registration. Previous attendees must register again.

2. Log In and Download the Extended Abstract Template

Instructions: Adjust the format of your abstract according to the template provided on the official website. **The abstract should be written in English** with A4 paper. Figures are encouraged to help illustrate the abstract.

3. Fill in Information and Submit the Extended Abstract

Instructions: Choose your preferred participation methods—in-person oral presentation, online oral presentation, or online poster. **All attendees are required to submit an extended abstract, which should be named as [Your Name + University]**. **If an abstract is not accepted for the first choice, it may be considered for the second or third choice after review.**

4. Receipt of Acceptance Notification

After receiving the acceptance notification email, log in to your personal account on the conference website to check the review results.

5. Optional Full Paper Submission

Upon notification of abstract acceptance, you may optionally submit a full paper to the journal *Frontiers of Environmental Science & Engineering*. The submission link is https://mc.manuscriptcentral.com/fese.

Note: Attendees who are interested in publishing in this journal may submit their full papers through the journal's website (https://journal.hep.com.cn/fese) in accordance with the journal's requirements, and include the annotation of "National Environmental Conference for Doctoral Students" in the file name of the Cover Letter.

6. Confirmation of attendance and essential information registration on the Official Website

Instructions: Log in to your personal account on the conference website to confirm your participation and register information. You may also apply to be a session chair during this step.

7. Upload Poster File and Prepare Oral Presentation PPT

Instructions: Participants with accepted posters must log in to the conference website after confirmation of participation, and upload the poster file (in image or PDF format) named [Your Name + University]. Poster displays and evaluations will be conducted only online. There is no standard PPT template for oral presentations; participants may create a PPT that reflects their home institution's style. It is recommended that offline participants use a 16:9 PPT to optimize screen display effects.

8. Register for the Conference

Instructions: The conference guide will be sent to participants via email and other methods before the event, providing specific information for both online and offline participation.

**II. Registration Method for Attendees Who Wish to Audit the Conference**

1. Please follow our WeChat official account "环境博论" to stay updated on the latest conference news. The announcement for the opening of the registration channel for auditing attendees will be released via a WeChat official account article in late April.

2. By registering through the auditing participation channel, you will receive an email notification with the conference guide and participation methods after your registration is approved.

3. Attendees must adhere to the conference regulations as specified in the conference guide.