

INWES-APNN-ICWSTEM

INTERNATIONAL CONFERENCE OF WOMEN IN SCIENCE,
TECHNOLOGY, ENGINEERING AND MATHEMATICS AND
MEETING OF ASIA-PACIFIC NATIONS NETWORK

JUNE 29 - JULY, 2023

LIBRARY, NATIONAL UNIVERSITY OF MONGOLIA



APNN 2023
SDG - WOMEN
PARTICIPATION

INTRODUCTION TO THE CONFERENCE:

The International Conference of Women in Science, Technology, Engineering, and Mathematics (ICWSTEM) in conjunction with the 13th annual meeting of APNN of the International Network of Women Engineers and Scientists (INWES-APNN), the INWESAPNN meeting will be hosted by Women in Science, Technology, Engineering, and Mathematics in Mongolia (WSTEM), on June 29-July 1, 2023. Conference participants have the opportunity to join a countryside tour of the 13th century of Mongolia.

CONFERENCE GOAL:

The goals of this joint conference of INWES-APNN and WSTEM in Mongolia are to: promote the work of women scientists and engineers; introduce innovation; exchange experience; develop cooperative projects; and to promote Mongolian culture, history, and traditions, internationally.

Exemplifying the Conference theme "Women's Participation in Sustainable Development," international women scientists and engineers will have the opportunity to get acquainted with the achievements and methods of, and share their implementation experience and lessons learned from the "Global Sustainable Development Goals-2030."

CONFERENCE SECTORS:

The 2023 INWES-APNN-ICWSTEM Conference will focus on the following five sectors (within the framework of the 17 global Sustainable Development Goals). An award for the Best Paper will be awarded for each Sector.

- 1) HEALTH AND FOOD SAFETY (#1. No poverty, #2. Zero hunger, #3. Good health and well-being)
- 2) EDUCATION AND SCIENCE (#4. Quality education, #5. Gender equality)
- 3) ENVIRONMENT (#6. Clean water and sanitation, #11. Sustainable cities and communities, #13. Climate Action, #14. Life below water, #15. Life on land)
- 4) SOCIAL AND ECONOMIC STUDIES (#8. Decent work and economic growth, #10. Reduced inequality, #12. Responsible consumption and production, #16. Peace and justice, strong institutions, #17. Partnerships to achieve these goals)
- 5) ENGINEERING (#7. Affordable and clean energy, #9. Industry, innovation and infrastructure)

EXPECTED OUTCOMES:

Contributing to the implementation of relevant goals of global Sustainable Development; 2) Expanding the scope of activities of women scientists and engineers; 3) Publicizing their creations and innovations; and 4) Finding solutions to problems of are of high importance to women in STEM fields.

We expect that more than 100 women in science, technology, engineering and mathematics from 23 countries will participate in this joint INWES-APNN-ICWSTEM Conference.

By the end of this Conference we expect to have.

- 1) Promoted and advertised the best technology and innovative products developed by women in STEM fields, from over 20 countries;
- 2) Compiled and delivered the most promising ideas, proposals, and initiatives of Mongolian women scientists, engineers, and innovators to relevant government agencies and companies;
- 3) Publicized the best works of women scientists and engineers in each Conference Sector;
- 4) Developed papers that meet publication criteria;
- 5) Publicized and introduced Mongolian culture, history, and traditions to an international audience;
- 6) Made formal and informal connections and cooperation agreements between foreign and domestic women engineers and scientists

WEBSITE FOR THE CONFERENCE:



<https://wstemtraining.web.app/en/index.html>

CONFERENCE VENUE:

Library of the National University of Mongolia, Ulaanbaatar, Mongolia (<https://catalog.num.edu.mn>)



AGENDA

General Agenda of the Asia & Pacific Nation Network Meeting and the International Conference of Women in STEM in Mongolia (INWES-APNN-ICWSTEM)

DAY 1: June 29, 2023 (Thursday): **International Conference of Women in STEM in Mongolia**

Morning:

Opening
Welcoming Remarks
Special Greetings
Refreshment Break
Keynote Speech

Lunch and Networking

Afternoon

Concurrent Sessions
Refreshment Break
Concurrent Sessions

Evening

Welcome Concert and Reception

DAY 2: June 30, 2023 (Friday): **Meeting of International Network of Women Engineering and Scientists - Asia Pacific Nation Network**

Morning:

Opening
Welcoming Remarks
Keynote Speeches
Refreshment Break
Country Reports

Lunch and Networking

Afternoon

Country Reports
Refreshment Break
Country Reports
Annual general meeting (AGM)

Evening

Traditional cultural heritage (Tumen Ekh group)

DAY 3: July 01, 2023 (Saturday): Countryside tour (optional)

AGENDA

AGENDA OF THE INTERNATIONAL CONFERENCE OF WOMEN IN STEM IN MONGOLIA (ICWSTEM) Thursday, June 29, 2023

08:00 – 08:30 Registration

08:30 – 08:45 Opening Ceremony
• Mongolian Traditional Musical Performance
• Dr. J.Tuyatsetseg, Conference Chair

08:45 – 09:10 Welcoming Remarks
• President of Mongolia (to be confirmed)
• Dr. Jung Sun Kim, President of INWES
• Mr.Enkh-Amgalan Luvsantseren, Minister of Education & Science of Mongolia

09:10 – 10:40 Keynote Speakers
• Dr. Undram Chinbat, Member of Parliament of Mongolia
• Dr. Jung Sun Kim, Current President of INWES
• Dr. Marlene Kanga, INWES Vice President 2011-2017

10:40 – 11:00 GROUP PHOTO; REFRESHMENT BREAK

11:50 – 13:00 Concurrent Sessions
• Health & Food Safety: Dr.Byasgalan.G, Mrs. Enkhmaa.B
• Education & Science: Dr.Battsengel.B, T. Amarjargalan.Dr
• Environment: Dr. Buyantogtokh.D, Dr. Oyun.D
• Social & Economic:Dr.Tseren.G, Dr. Suvdaa.N
• Engineering: Dr. Ariunbolor. P, Mrs. Gantsetseg.D

13:00 – 14:00 LUNCH (Exhibitions and Poster Session)

14:00 – 15:40 Concurrent Sessions (Continued)

15:40 – 16:00 REFRESHMENT BREAK

16:00 – 18:00 Concurrent Sessions (Continued)

19:00 – 22:00 Welcome Concert and Reception (Venue To Be Determined)



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AGENDA

**AGENDA OF THE ASIA & PACIFIC NATION NETWORK MEETING
(INWES-APNN)**
Friday, June 30, 2023

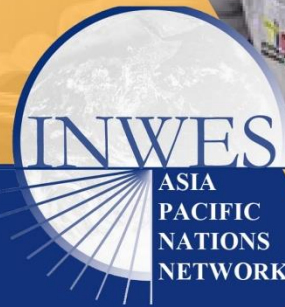
- 07:30 – 08:00 Registration**
- 08:00 – 08:05 Opening speech:**
- Dr. Battsengel Baatar, Board Member of INWES
- 08:05 – 08:15 Welcoming Remarks**
- Dr. Jung Sun Kim, President of INWES
 - Dr. Ariunbolor Purvee, APNN Chairperson
 - Dr. Tseren, CEO of WSTEM Mongolia
- 08:15 – 09:15 Plenary sessions – INWES Keynote Speakers**
- Dr. Sarah Peers, Project Manager of INWES
 - Mrs. Sylvia S. Kegel, Treasurer of INWES
- 09:15 – 09:40 GROUP PHOTO; REFRESHMENT BREAK**
- 09:40 – 12:40 Country Reports (15 minutes each country)**
- Australia
 - Korea
 - Japan
 - Taiwan
 - Vietnam
 - Philippines
 - Myanmar
 - Sri Lanka
 - Singapore
 - India
 - Pakistan
 - New Zealand
- 12:40 – 14:00 LUNCH, FAIRS**
- 14:00 – 15:15 Country Reports (15 minutes each country)**
- Nepal
 - Malaysia
 - Bangladesh
 - Indonesia
 - Mongolia
- 15:15 – 15:45 REFRESHMENT BREAK**
- 15:45 – 16:45 Annual general meeting (AGM)**
- 16:45 – 17:15 Dinner**
- 17:15 – 21:00 Tumen ekh ensemble of traditional cultural heritage**





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Women's Participation
in Sustainable
Development

Conference Sectors

1) Health and food safety:

#1. No poverty, #2. Zero hunger, #3. good health and well-being

2) Education and science:

#4. Quality education, #5. Gender equality

3) Environment:

#6. Clean water and sanitation, #11. Sustainable cities and communities, #13. Climate action, #14. Life below water, #15. Life on land

4) Social and economic studies

#8. Decent work and economic growth, #10. Reduced inequality, #12. Responsible consumption and production, #16. Peace and justice, strong institutions, #17. Partnerships to achieve these goals

5) Engineering:

#7. Affordable and clean energy, #9. Industry, innovation and infrastructure

Call For Papers

- The **objectives** of the conference are to provide high-quality research and professional interactions for the advancement of science, technology, innovations and research. Papers with new research results are encouraged for submission.
- An **abstract** should be in English and not exceed 500 words.
- A **full paper** should be in English or Mongolian.
- After registering for the conference, your paper will be submitted from your conference account.
- Authors of **papers accepted** for publication are required to present oral or poster presentations.
- The **paper template** and requirements will be uploaded on the conference website

Important dates

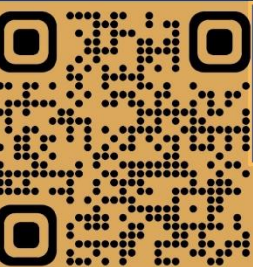
Submission of Paper : April 15, 2023

Acceptance of Paper: May 15, 2023

Registration fee

early bird (Before March 1, 2023) : 150\$

Regular (After March 1, 2023): 200\$



Venue: National University of
Mongolia, Ulaanbaatar, Mongolia.

Phone: +976- 99015671

Email: wstemmongolia@gmail.com

<https://wstemtraining.web.app/en/index.html>