



Research culture project

APNN: ASIA-PACIFIC NATION NETWORK

General information

The Research culture project in Asia-Pacific Nation Network

May 7, 2022; 3:00-5:00 AM in UTC via Zoom



REIMAGINING A STEM RESEARCH CULTURE



AGENDA

TIME	Duration	TITLE	Speakers
11:00-11:05	5 min	Welcome and introductions of speakers	Dr. Ariunbolor Purvee, APNN Chair
11:05-11:10	5 min	Introduction to the project	Dr. Jung Sun Kim, President of INWES
11:10-11:30	20 min	MyRA: Performance Indicators for the Advancement and Evolution of Malaysian STEM Research – A More Inclusive Approach	Dr. Leong Wai Yie, Board member of INWES
11:30-11:50	20 min	Enhancing Research Culture in STEM Tertiary Education in India	Dr. Seema Singh, Board member of INWES
11:50-12:10	20 min	Overcoming the wall of "unconscious bias"	Dr. Ryo Kimura, Chair of JNWES
12:10-12:27	17 min	Discussions	All speakers
12:27-12:30	3 min	Closing remarks	Dr. Ariunbolor Purvee, APNN Chair
Content Here	90 min	Three topics	Three invited speakers



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AGENDA

TIME	Duration	TITLE	Speakers
11:00-11:05	5 min	Welcome and introductions of speakers	Dr. Ariunbolor Purvee, APNN Chair
11:05-11:15	10 min	Introduction to the project	Dr. Jung Sun Kim, President of INWES
11:15-11:35	20 min	Enhancing research culture of Taiwan for Gender equality: "Wow" This is so called Gender in Science and Technology (GIST)	Dr. Anya Maan-Yuh Lin, Taiwan Women in Science and Technology (TWIST)
11:35-11:55	20 min	Raising STEM passion for students, especially female students	Dr. Le Minh Thang, Vietnam Association for Intellectual Women, VAFIW
11:55-12:15	20 min	Mongolia's scientific journey in the past 100 years	Mrs. Hishigdulam Tumurbaataryn, Women in STEM Mongolia
12:15-12:55	40 min	Discussions	All speakers
12:55-13:10	15 min	Announcement APNN 2022 in Malaysia Closing remarks	Dr. Ariunbolor Purvee, APNN Chair
Content Here	120 min	Three topics, Discussion and Announcement	Three invited speakers

Registrants: 81
Participants: 32

Registrants: 101
Participants: 36





Reimagining a STEM Research Culture: Lessons Learnt from 20 years of Evolution for Inclusive Representation in Science and Engineering



First Webinar:

Saturday 07, May 2022, 3:00 am – 4:40 AM UTC via Zoom

“MyRA: Performance Indicators for the Advancement and Evolution of Malaysian STEM Research – A More Inclusive Approach”,
Dr. Leong Wai Yie,
The Institution of Engineering and Technology (IET),
Malaysia



“Enhancing Research Culture in STEM Tertiary Education in India” Dr. Seema Singh,
Women in Science and Engineers in India,
Dr. Seema Singh, Women in Science and
Engineers in India, WISE India



“Overcoming the wall of “Unconscious bias”
Ms. Ryo Kimura, Japan Network of Women
Engineers and Scientists, JNWES



Welcome speech,
Dr. Jung Sun Kim,
INWES President



Moderator,
Dr. Ariunbolor Purvee,
APNN Chairperson



“Mongolia's scientific journey in
the past 100 years”,
Mrs. Khishigdulam Tumurbaatar,
Women in STEM Mongolia



“Raising STEM passion for students,
especially female students”,
Dr. Le Minh Thang, Vietnam Association
for Intellectual Women, VAFIW



“Enhancing research culture of Taiwan for Gender equality:
“Wow~ This is so called Gender in Science and
Technology (GiST)”, Dr. Anya Maan-Yuh Lin,
Taiwan Women in Science and Technology TWIST)



Register in advance for this meeting:

<https://inwes.zoom.us/meeting/register/tZwsc-qhrz4sHtUQn-a1ze77EMYLrz1ysorZ>



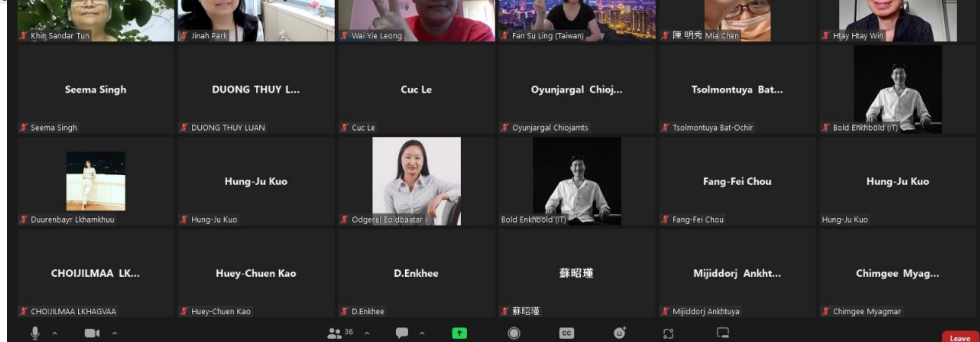
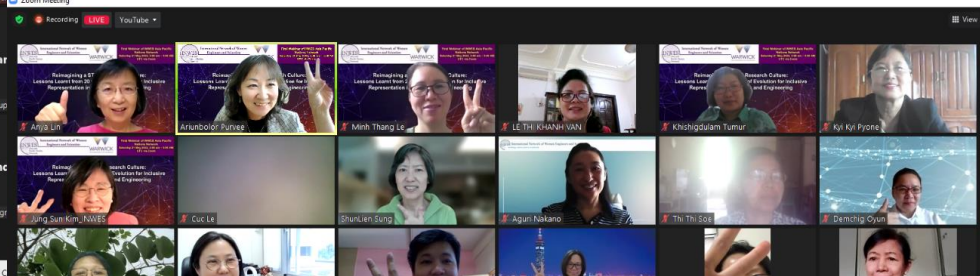
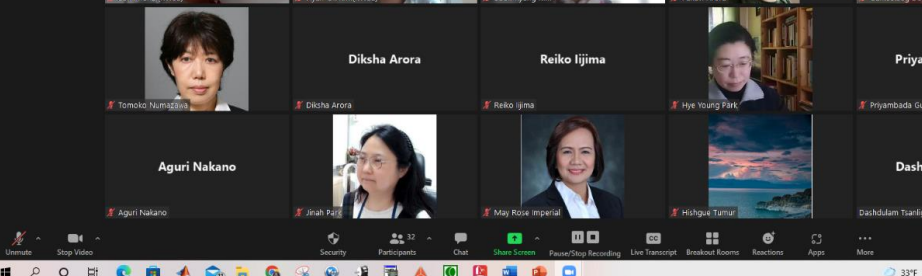
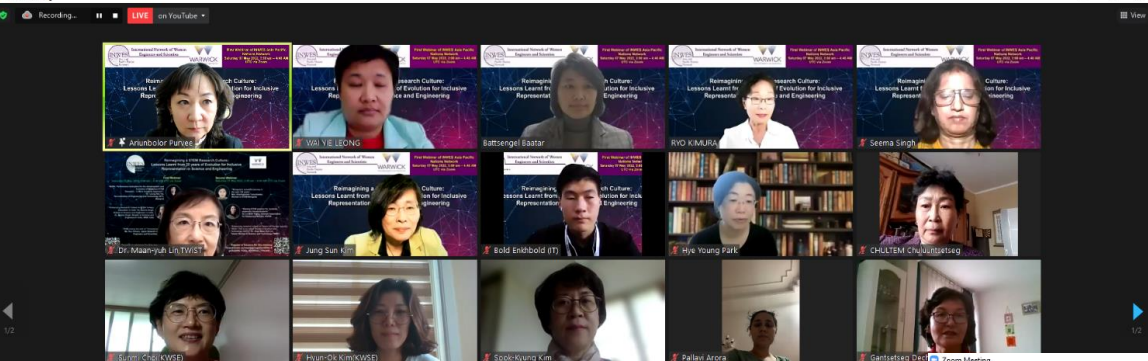
Register in advance for this meeting:

https://inwes.zoom.us/meeting/register/tZAlc-6grDspHNLyQ3g_AfGNhwL_7Hsah0

Contributors

The Research culture project in Asia-Pacific Nation Network

Zoom Meeting



How did the webinars impacted the network

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Project Aim of the two webinars:

What: Consolidate intrinsic experiences, mindsets, attitudes and insights that feed into a reimagined culture for enhancing access to and participation in STEM research and innovation.

How: By extrapolating, analyzing and discussing policies, initiatives, projects and interventions delivered across the world in the last 20 years (2002-2022) for equitable and inclusive access and participation in STEM academia and industry.

Project Objectives of the the two webinars

Highlight underrepresentation in STEM for women, disabled people and those from ethnic-minorities or socially-disadvantaged groups;

Identify STEM-specific barriers and challenges for inclusive representation;

Contribute to a culture that supports the development of strong identities and academic mindsets to underrepresented groups in STEM research.

Main obstacles and approaches based on speakers' talking:

- Recognizing unconscious bias and educating decision-makers about this problem
- Enhancing the university research culture, to include more women
- Improving performance indicators for women's advancement
- Exposing gender inequalities in textbooks, and written academic communications
- Working to get young girls excited in STEM fields
- Across all countries involved, decision-makers have been exposed to this information, including adult men, whose positions are most likely to be threatened by change and inclusiveness

Future Actions for the project in APNN

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- **# 1:** To include a follow-on project among these Asian-Pacific countries wherein each could implement, in their own cultural contexts, ways to incorporate messages of equality in STEM education, to the next generation.
- **# 2:** To learn from experiences of communities like Australian, British, and Canadian, Korean women's groups in STEM fields working with youths, not necessarily in the classroom.
- **# 3:** To enhance the knowledge on research culture /Invited speakers, extracurricular activities, clubs, and other youth group activities/
- **# 4:** To present data, factual information, and suggested policy changes related to women in STEM fields, to each country's current decision-makers

How to do Future Actions for the project in APNN

The Research culture project in Asia-Pacific Nation Network

- **# 1: Develop** the same annual report of member countries or organizations for collecting same statistics and information. Find out the best projects with results and introduce them to us members. Once understand, member countries or organizations could implement in their own cultural contexts, ways to incorporate messages of equality in STEM education, to the next generation. # GISE
- **# 2: Develop** an international program. There is a good example as the Young Women Scientifics Camp (YWS) organized by the Korean Women Scientists and Engineers (KWSE). This YWS camp is motivated us and makes us to work for young generations in STEM such as organizing a research conference and conduct training.
- **# 3: Develop** an international training program for research culture. The same knowledge on research culture or equalities are needed
- **# 4: Organize** an annual online meeting. Results and issues of implementations are good practice to develop

Thank you for your attention

