



Project Title The 10th National and the 8th International Conference on Research and Innovation: Research and Innovation Development for Developing Sustainable Communities

Type of the Project National and international conference

Responsible Office Research and Academic Service Office, Northeastern University

Date Saturday, May 20, 2023

1. Rationale

The area development with distributing the prosperity to regions and communities is the importantly main direct towards to the country reform by creating the strength for the people in communities to develop their hometown as the community context and needs. The main point in the community development as the Thai people worship due to the King Rama 9's thought in '**explosion from inside**' meant that to create the strength for the community people for the development target to the first meet the ready conditions for developing, and then extend to external communities. It is not to take the prosperity or the people from outside communities to enter communities without the preparation or self-setting. Do not offer while the receivers have not been ready to extremely utilize. This idea is relating to the goal of causing the sustainable development goals: SDGs as the universal principles, aiming to help solve the facing global problems, such as poverty, inequity, global warming and peace. Additionally, it is to supplement the idea of 'not to leave anyone behind'. The targets included 17 items, covering: 1) eliminating every type of poverty in every area, 2) terminating starving to achieve sustainable food and raising the nutrition level and promoting the sustainable agriculture, 3) creating the guarantee of people with good health and promoting the good welfare for everybody in all ages, 4) creating the guarantee in everybody's education with comprehensiveness and equity and encouraging the opportunity for lifelong education, 5) achieving the equity among sexes and supplementing the power for female and young girls, 6)

creating the guarantee in managing water and health hygiene for everybody with the sustainable people management, 7) creating the guarantee for everybody enabling to reach the sustainably modern power with cheapness, 8) promoting continued, comprehensive and sustainable economic growth, full employment, productive and have a sustainable job for everyone, 9) building a durable infrastructure, promote comprehensive and sustainable industrial development and foster innovation, 10) reducing national and international inequality, 11) making cities and human settlements inclusive, safe, resilient and sustainable, 12) ensuring a sustainable pattern of production and consumption, 13) taking urgent action to combat climate change and its impact, 14) conserving and sustainable use of oceans, seas and marine resources for sustainable development, 15) protecting, restoring and supporting sustainable use of terrestrial ecosystems, forest management, fight desertification, stop the degradation of soil and restore soil conditions and stop the loss of biodiversity, 16) promoting the peaceful and inclusive society for sustainable development, letting everyone have access to justice, building the effective institution, responsible and covering all levels, 17) strengthening operational mechanisms and revitalize global partnerships for sustainable development. The 17 sustainable development goals emphasize on inclusive development, focus on transformative and integrated development that every country has problems that must be put into practice, not just poor countries that the sustainable development goals are shared at all levels from global to local and enabling all parts of the world to learn from each other.

The research and innovation development by combining the academic knowledge, research together with the ability and needs of the community in the area context is an important mechanism for driving the economy, social and community development, education promotion, maintaining traditions and culture, and the environmental conservation. This point will bring the people and the country to be liberated from various traps, such as medium-income countries and the trap of inequality, social trap and the imbalance of development, etc. In addition, the research and innovation help the community and society to be potential to handle with the effects of various changes in the world, whether technology, climate changes, globally physical characteristics, business models and the public health changes, etc. It also helps to increase the competitiveness for the community to strength and sustainable and lead to develop the country for the stability, prosperity and sustainability in accordance with the goals of the 20-year national strategy (2017-2036) and the target of Thailand 4.0.

Northeastern University is a private university in the Northeastern region that is outstanding and has been evident for a long time. According to a popular words, N E U (good, smart, public-minded) stands for N: Nurturing Merit Principles (good) virtue E: Excellence (good) excellence in production Graduates, academic research, arts and culture and U: United Publicness (Public Mind), consciousness for the whole and being a university for the communities. The National and International Academic Conference and Research Presentation under the title **“The 10th National and the 8th International Conference on Research and Innovation: Research and Innovation Development for Developing Sustainable Communities”** is to increase the quality of research and innovation that are important propulsion of national development. A forum is for the exchange of research knowledge among students, researchers and academics as well as strengthening academic jointly aiming to create a body of knowledge and apply research and innovation results. It is also for sustainable community development and to build communities that can be self-reliant and sustainable in the future.

2. Objectives

2.1 To disseminate body of knowledge from research results and innovation from public and private educational institutions both at national and international level.

2.2 To provide a forum for presenting research results and innovation to the public and exchanging knowledge and experiences between researchers and general interested people both at national and international level.

3. Goals

3.1 Quantity

- 1) 200 of conference participants and presenters
 - Graduate students or those who have graduated in the country
 - Lecturers, academics, researchers in higher education institutions and interested agency from public and private sectors in the country
- 2) The goals of articles for presenting and publishing
 - 180 of national research articles

- NEU Staff

20 Articles

- General Interested people 160 Articles
- With total number of 180 Articles
- 20 of international research articles
 - NEU Staff 5 Articles
 - General Interested people 15 Articles
 - With total number of 20 Articles
- 3) 200 of conference participants without presentation
 - Undergraduate and graduate students in higher education institutes from public and private universities
 - Lecturers, academics, researchers, administrators, and general interested people

3.2 Quality

To give opportunities for students and academic staffs for presenting research results and exchanging knowledge

4. The Operation

4.1 The Conference Process

4.1.1 The patterns of conference

- 1) Academic lecture by Keynote speakers
- 2) Research presentation of lecturers and graduate students (Oral Presentation)

4.1.2 The duration of the conference process and activities

1. Full Paper Registration and Submission: March 1, 2023
 Early Bird Registration Deadline: March 31, 2023
- 2) Full Paper Submission Deadline: April 20, 2023
- 3) Final Edited Paper Submission Deadline: May 1, 2023
- 4) Announcement of Accepted Articles: May 5, 2023
- 5) Academic Conference Research Presentation: May 20, 2023

4.1.3 The groups of research

- 1) Researches from lecturers, academics, researchers and interested people
- 2) Theses / Independent studies of graduate students from public and private institutes which are parts of education (completed or pending studies) and

have never been presented in any conferences or publications.

- 3) The six areas of national researches and theses/ independent studies;
 - Education such as Education Administration, Curriculum and Teaching Development, Educational Measurement and Evaluation and Educational Innovation
 - Health Sciences such as Nursing, Medicine, Public Health, Pharmacy, and Medical Technology
 - Science and Technology such as Science, Engineering, Computers and Technology
 - Humanities and Social Sciences such as Law, Arts, Political Science, Public Administration and Communication Arts
 - Business Administration and Economics such as Business Administration, Tourism and Hotel Management and Economics
 - Agricultural and Fisheries

4) The six areas of International Conference;

- Education (Education Administration, Curriculum and Teaching Development, Educational Evaluation, or Educational Innovation)
- Health Sciences (Nursing, Medicine, Public Health, Pharmacy, or Associated Medical Sciences)
- Science and Technology (Science, Engineering, Computer and Technological Information)
- Humanities and Social Sciences (Law, Arts, Social Sciences, Public Administration, or Communication Arts)
- Business and Economics (Business Administration, Hotel and Tourism Management, or Economics)
- Agriculture and Fisheries

4.1.4 Formats of Presentation

- 1) Oral Presentation: 15 minutes per article by Microsoft Power Point (10 minutes for a presentation and 5 minutes for a Q&A session)

2) Thai and English articles are accepted.

4.1.5 Full paper and abstract preparation

Researchers can register and submit articles at <http://conf.neu.ac.th/>

4.1.6 Registration fee

1) Registration fee (including bags and documents)

- The national article 2,500 baht

- The international article 4,000 baht

2) Early Bird Registration (within March 31, 2023)

- The national article 2,000 baht

- The international article 3,500 baht

3) No fee for Northeastern University staffs

4) Those who do not wish to receive documents can join the conference without paying registration fee.

4.1.7 Payment

Payment by wire transfer to Krung Thai Bank

Branch: Pratumuang Branch

Beneficiary Name: Northeastern University General Fund

Account No.: 425-6-026827

4.1.8 Conference schedule

Saturday, May 20, 2023 Time: 8:30 a.m. – 5:00 p.m.

4.1.9 Selection of outstanding research articles

The expert committee considers outstanding research articles from six research groups, with two prizes per group for a total of twelve awards. The recipients of these awards will be presented with a certificate. Articles related to the NEU Academic and Research Journal (TCI tier 2) selected for recognition can choose to publish their work in either the NEUARJ or the proceeding.

5. Conference Venue

Northeastern University

6. Expected results

6.1 The research, theses, and independent studies conducted by graduate students from public and private institutions are expected to be published.

6.2 Participants at the conference are expected to gain experience in presenting their research results to the seminar, while research presenters should strive to hone their presentation skills for research, thesis, or independent study.

6.3 Students and academics are expected to exchange knowledge between national and international levels.

6.4 Quality research, theses, and independent studies are encouraged to be published in an academically-acceptable format.

6.5 The academic works of Northeastern University are expected to be recognized and accepted at both national and international levels.

7. Performance consideration

Northeastern University, under the Operation Committee, reserves the right to consider and proceed as follows:

7.1 Considering the selection of presentation groups and types of presentations.

7.2 Selecting research results to be presented at the conference and to be included in the proceedings.

7.3 Disqualifying the right to present research results at the conference in the following cases:

1) The abstract does not adhere to the required form or format and has not been revised in accordance with the expert's recommendations.

2) Registration and payment of registration fees are either late or incomplete.

7.4 Final selection of works and judging is under the jurisdiction of the Operation Committee of Northeastern University.

Research and Academic Services Office

February 23, 2023