

Regional Conference on Energy Engineering, Bandung, Indonesia 2013

Regional Conference on Energy Engineering, convened on 6–7 September 2013 at Institut Teknologi Bandung, attracted over 100 participants. Keynote speakers included Mr. Wiratmaja Puja, Expert Staff of Minister for Institutional and Strategic Planning, Ministry of Energy and Mineral Resources of Republic Indonesia, and Ir. Hardiv H. Situmeang, D.Sc., Director of ASEAN Center for Energy, and continued with speeches from reputable Japanese universities and high-impact industries in energy-related field. The event functioned as the platform to share recent research trend, the most updated technology, regional common issues as well as to publicize research work of AUN/SEED-Net members while allowing opportunities among academicians, industry, community and policy makers to discuss future collaborations and activities. ■



Field Management Meetings



Over the past few months, up to 12 Field Management Meetings (FMM) have been organized for each field with the participation of representatives of Host Institutions, Japanese Field Supporting Universities and the AUN/SEED-Net Secretariat. It was the remarkable initiative to kick-off field management system that has been introduced from Phase III. The 1st FMM were tasked to discuss following agenda:

- Outline of Phase III and the Framework of Field Management System
- Long-term and Mid-term Plan of each field
- Sub-topic-(Division)
- Annual plan and activities of each field

The meetings successfully discussed strategic direction of each field as well as actual implementation in the first year from the management point of view. 2nd and onward FMM will be attached to the Regional Conferences to regularly discuss field management issues among team members. ■

Field	Date	Organizer
Chemical Engineering (ChE) [1 st Meeting]	19 April 2013	De La Salle University
Civil Engineering (CE) [1 st Meeting]	18 May 2013	Chulalongkorn University
Computer and Information Engineering (CIE) [1 st Meeting]	27 May 2013	King Mongkut's Institute of Technology
Mechanical and Manufacturing Engineering (ME/ManuE) [1 st Meeting]	27 May 2013	Institut Teknologi Bandung
Energy Engineering (EneE) [1 st Meeting]	30 May 2013	Institut Teknologi Bandung
Electrical and Electronic Engineering (EEE) [1 st Meeting]	6 June 2013	Chulalongkorn University
Materials Engineering (MatE) [1 st Meeting]	13 June 2013	Universiti Sains Malaysia
Natural Disaster (ND) [1 st Meeting]	24 June 2013	Universitas Gadjah Mada
Geological and Geo-Resource (GeoE) [1 st Meeting]	25 June 2013	Universitas Gadjah Mada
Environmental Engineering (EnvE) [1 st Meeting]	11 July 2013	University of the Philippines-Diliman
Computer and Engineering Information [2 nd Meeting]	23 August 2013	King Mongkut's Institute of Technology
Energy Engineering (EneE) [2 nd Meeting]	7 September 2013	Institut Teknologi Bandung



From 30 September until 11 October, AUN/SEED-Net Secretariat warmly welcomed Mr. Akira Mizukami, from the Graduate School of Global Environmental Studies, Kyoto University, during his internship at the Secretariat Office. We would like to express warm appreciation for his contribution although within a short period of time and wish him all the best for the future! ■



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Secretariat Staff Change



Mr. Kazuma Inoue has been appointed as Chief Coordinator and Unit Chief of Planning and Capacity Development Unit, with effect from October 26, 2013.

"It is a great honor for me to work for SEED-Net project in the Secretariat successively after having been in charge of the project in JICA Headquarters. I would be very pleased if I could contribute to the further development of the project during Phase III."



Mr. Kenichi Shirouzu, Chief Coordinator and Unit Chief of Planning and Capacity Development Unit, has completed his 3-year assignment with AUN/SEED-Net Secretariat on September 30, 2013. Here are a few words from Mr. Shirouzu before returning to Japan:

"It has been a great moment for me to work with colleagues and many partners from ASEAN and Japan. Thank you very much for your warm and kind support. I believe our network will continue to grow more and more in the future."

Upcoming Events

- Nov 3-16, 2013 U-I Training, Toyohashi, Aichi, Japan
- Nov 14, 2013 Open House at National University of Laos (NUOL), Lao PDR
- Nov 15, 2013 Steering Committee Meeting in Vientiane, Lao PDR
- Nov 21-22, 2013 The 6th ASEAN Civil Engineering Conference and the 6th ASEAN Environmental Engineering Conference in Bangkok, Thailand
- Nov 25-26, 2013 Regional Conference on Mechanical and Manufacturing Engineering in Kuala Lumpur, Malaysia
- Dec 2, 2013 Regional Conference on Chemical Engineering in Manila, the Philippines
- Dec 11-12, 2013 Regional Conference on Geological Engineering, Yogyakarta, Indonesia

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1st University-Industry Collaboration Seminar, Bangkok, Thailand

1st AUN/SEED-Net University-Industry Collaboration Seminar was held on 21 June 2013 in Bangkok, supported by Mission of Japan to ASEAN, Japanese Chamber of Commerce Bangkok, the Federation of Thai Industries and Technology Promotion Association (Thailand - Japan). The objective of this seminar was to promote

and strengthen University-Industry linkage in the ASEAN region by

inviting several notable figures from both industry and academia

to share their knowledge and experiences on U-I collaboration.

The seminar attracted nearly 200 participants including

public audience, representatives from 25 Member Institutions (MIs),

VIP keynote speakers and panelists, representatives from JICA and Secretariat staff.



The 3 keynote speakers were:

- Mr. Tan Sri Mustafa Mansur (Chairman of Malaysia Standards Accreditation Council, and former President of Federation of Malaysian Manufacturers) on "Business Strategy & Importance of University-Industry Collaboration"
- Mr. Hilmi Panigoro (Chairman of Medco Energi International, Indonesia) on "University-Industry Engineering: A Medco Energi's Experience"
- Mr. Kan Trakulhoon (President and CEO of Siam Cement Public Co. Ltd. or SCG, Thailand) on "Innovation through University-Industry Collaboration"



A panel discussion on "Perspective toward AEC : from University Research to Industry Development - Successes and Lessons Learned from U-I Collaboration" included Prof. Dr. Pakorn Adulbhan (Member of the Board of Directors, Federation of Thai Industries), Prof. Toru Tanigawa (Director General of Robert T. Huang Entrepreneurship Center of Kyushu University (QREC) and Professor & Deputy Director General, Arts, Science and Technology Center for Cooperative Research, Kyushu University, (KASTEC), Japan) and Dr. Lim Jui (CEO of NTU Innovation, Singapore). The Panel was moderated by Assoc. Prof. Dr. Atsushi Sunami (Associate Professor of National Graduate Institute for Policy Studies, Japan) and followed by proactive Q&A session involving the audience.

The seminar closed with inspiring remarks by Asst. Prof. Prayoon Shioiwattana (Director of National Institute of Metrology (Thailand) and Chair of University-Industry Linkage Advisory Committee, AUN/SEED-Net). Also, along with the seminar, there were exhibition and demonstration of research findings and technologies by SEED-Net's Thai Member Institutions: Chulalongkorn University, Burapha University, Kasetsart University, King Mongkut's Institute of Technology Ladkrabang, and Thammasat University. ■

2nd University – Industry Collaboration Seminar, Jakarta, Indonesia



Over 200 keen participants attended the University - Industry Collaboration Seminar on "Successes and Challenges in University - Industry Collaboration for Accelerating Indonesian Economic Growth" held on 18 September 2013 in Jakarta. The event served as the platform to establish collaboration between industry and academia in Indonesia.

Special lecture by Mr. Tajji Wake, Higher Education Policy Advisor, Ministry of Education and Culture of Indonesia, highlighted current status of university-industry linkage in Indonesia. Keynote speeches by Dr. Dwi Sutjipto, CEO of PT Semen Indonesia, Prof. Dwikorita Karnawati, Vice Rector for Cooperation and Alumni of Universitas Gadjah Mada (UGM) and Mr. Ahmad Yuniarto, Chairman of Schlumberger Indonesia, pointed out gaps between universities and industry in producing engineers and publishing researches of which should respond to the actual market demand.

Basic Concept for Promotional Activities of University-Industry Linkage

On 1 September 2013, AUN/SEED-Net announced a concept paper on "Basic Concept for Promotional Activities of University-Industry Linkage under AUN/SEED-Net" which defines the basic framework of university-industry linkage activities introduced from Phase III. To read the complete paper, please visit our official website. ■

1st U-I Linkage Advisory Committee Meeting

Chaired by Asst. Prof. Prayoon Shiwattana, the 1st Advisory Committee Meeting for U-I Linkage convened on 21 June 2013 in Bangkok. Main agendas included introduction of new member of the Committee and action plan to be taken for U-I activities within Phase III.

In addition to the consensus given to the action plan, the committee recommended AUN/SEED-Net to conduct assessment on Collaborative Research with Industry (CRI) projects to act as a frontline to get information firsthand from CRI researchers and collaborating industry. In the next Advisory Committee Meeting, tentatively scheduled in March 2014, a summary of AUN/SEED-Net's activities in the first year of Phase III and the result of CRI assessment will be presented. ■

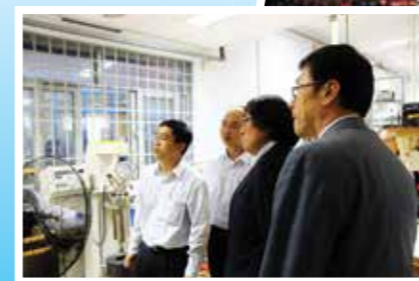
Organization and Title	Name	Membership
Vice President, Thai-Nichi Institute of Technology and President, Technology Promotion Association (Thailand – Japan)	Asst. Prof. Prayoon Shiwattana	Chairperson
Chief Advisor, Cambodia- Japan Cooperation Center project, Japan International Cooperation Agency (JICA) (Former Managing Director, HONDA Foundation)	Mr. Toshio Ban	Member
President, Teijin Polyester (Thailand) Ltd. & Chairperson of Human Resource Development Committee of Japanese Chamber of Commerce (Bangkok)	Mr. Toshihide Fukushima	Member
Associate Professor, National Graduate Institute for Policy Studies	Assoc. Prof. Atsushi Sunami	Member
Federation of Thai Industry	Dr. Nilsuwan Leelarasamee	Member
Senior Advisor, Japan International Cooperation Agency (JICA)	Mr. Mitsuuro Suemori	Permanent Observer

CRI Assessment

In order to strengthen collaboration between academia and industry, CRI supports faculty staff of MIs with the ceiling amount of US\$ 50,000. The fund is awarded to research projects which have great potential of application in the engineering aspect, provided that the industry gives a counter-budget of 20%. To further enhance the research collaboration, 6 Japanese professors will be dispatched from Japanese Supporting University. Since its inception in 2011, 20 projects have been awarded under the CRI program.



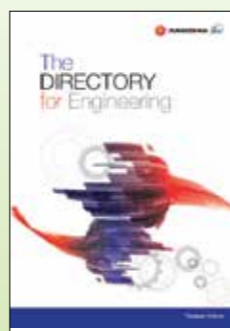
Over the past few months, AUN/SEED-Net has been visiting our MIs to conduct CRI Assessment to evaluate if the selected projects positively conducted research to respond to the needs of the industry and further



resulted in strengthening the capacity of MIs. While some have voiced out suggestions to better implement the program, almost all of the comments received have been positive. AUN/SEED-Net will continue the assessment to further improve the quality of CRI.

Interested in CRI? Visit our website now for more information on applications and the selection criteria! ■

The Directory for Engineering: Linking Industry with University Research



As part of Phase III's mission to enhance University-Industry collaboration, AUN/SEED-Net presented "The Directory for Engineering", a laboratory directory among our MIs. The 1st and 2nd publications, Thailand and Indonesia editions, marked a stepping-stone for greater industrial linkage in the ASEAN region through promotion of university-industry collaborative activities. This unique directory aims to be a platform between industry and academia both in ASEAN and Japan to get to know more about university research and laboratory services as future reference for closer collaboration. Not only Thailand and Indonesia, we have also aimed to expand more editions to cover other ASEAN countries. Next publications, scheduled to be out in November, will cover Malaysia and the Philippines. ■

Management of Technology Training, Tokyo



AUN/SEED-Net organized an Intensive Course on Management of Technology on 18-31 August 2013 at JICA Tokyo International Center, Japan. 19 participants from MIs were selected to attend the course which comprised three main subjects namely Intellectual Property, Marketing and Innovation Management of which each subject lasted for two days. The lectures were given by three professors from Shibaura Institute of Technology, Prof. Hideho Tanaka, Prof. Yoshihide Horiuchi and Prof. Makoto Hirano. Besides the lectures, there were group activities and interactive discussion between the professors and the participants.

After the lecture ended, 17 participants, divided into 3 groups, continued with field trips for three days visiting Japanese companies and universities' laboratories according to their respective fields. The participants had opportunities to visualize technology and innovation on the ground that were involved with collaboration between universities and industries.

The course was completed successfully. AUN/SEED-Net will review and discuss how such course can be provided to students and academic staff of MIs on a wider and larger scale throughout Phase III. ■

Words of Appreciation by ASEAN Leaders in the 16th ASEAN - Japan Summit Meeting

The 16th ASEAN-Japan Summit Meeting was held in Brunei Darussalam on 9 October 2013. In the meeting, leaders of 10 ASEAN countries expressed their appreciation for the implementation of SEED-Net Phase III to the Government of Japan. It is recorded in the Chairman's Statement as follows: ■

"17. We reaffirmed the need to enhance human resource development through education cooperation. In this context, the ASEAN Leaders appreciated Japan's positive contributions, especially on the third phase of the ASEAN University Network/Southeast Asia Engineering Education Development Network (AUN/SEED-Net) in March 2013."

Visit to ASEAN Secretariat



September 2013 to report on the progress of Phase III (2013-2018). Mr. Kamal Mamat, Senior Officer in Education from Youth and

Mr. Nobuyuki Konishi, Deputy Chief Advisor of JICA Project Office for AUN/SEED-Net, and Ms. Anusara Tanpitak, Program Officer, paid a visit to the ASEAN Secretariat in Jakarta, Indonesia on 18

Training Division, ASEAN Socio-Cultural Community and Mr. Budidarmo P. Kuntjoro-Jakti, Technical Officer from Education, Youth and Training Division attended the meeting.

Discussions on the future directions of the project and how to engage all existing MIs to contribute and benefit more from the program were included in the agenda. On a final note, Mr. Konishi expressed deep appreciation for the continuous support and strong commitment rendered by ASEAN and all Southeast Asia nations in realizing this project, which hopefully would pave a way for a fruitful future development of the ASEAN region as a whole. ■

ITS Excursion to the Secretariat

On 11 September 2013, the AUN/SEED-Net Secretariat had the pleasure of welcoming a delegation from Institut Teknologi Sepuluh Nopember, one of our new MIs since Phase III. As part of their mission of internationalisation, ITS dispatched an excursion trip consisting of 20 students and 10 staff to reinforce ties with overseas partners, which included a visit to learn more about AUN/SEED-Net activities and programs. In this session, the Secretariat and ITS representatives exchanged information and strengthened the potential of international collaboration in the Engineering field. ■



King Mongkut's Institute of Technology Ladkrabang Monitoring Visit

On 9 August 2013, an orientation was organized at King Mongkut's Institute of Technology Ladkrabang (KMITL) for AUN/SEED-Net students. The topics of orientation covered rules and regulations during Master/PhD studies, research support and financial matters, website, newsletter, and alumni advantages. Our SEED-Net staff also met with faculty members and student advisors to update information about the programs and the activities in Phase III. The session ended with monitoring visit discussion to receive student's feedback during their studies and life at KMITL. ■



Regional Conference on Computer and Information Engineering 2013

Organized by ICEAST (International Conference on Engineering, Applied Science and Technology), Regional Conference on Computer and Information Engineering 2013 was held on 22-23 August 2013 in Bangkok. The conference was aimed to help shaping the future of information technology and its related disciplines among researchers, engineers, professionals, and technologists in computer and information engineering field in ASEAN countries. ■

