

Nobutaka Ito

Ph. D in Agricultural Engineering



Visiting Professor and International Expert
Research and International Relations Affairs
Faculty of Engineering (October 4, 2020 ~)
Khon Kaen University

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Name: Nobutaka Ito
(First name) (Last name)

Address in Thailand: Special Projects and Strategic Diving Department
School of Renewable Energy (October 5, 2021 ~ March 24, 2023)
Maejo University (Office)
No. 63 Moo 4, Nong Han, San Sai, Chiang Mai, Thailand 50290
Tel. 081-881 3353 (Mobile)

Home address: 153 Tsubaiso-cho, Kameyama-shi, Mie-ken, Japan
(Zip code 519-0104)
(Home Tel. & Fax. 0595-82-6183)

Date of Birth : October 24 1942

Place of Birth : 153 Tsubaiso-cho, Kameyama-shi, Mie-ken, Japan

Civil status : Married

Current Status:

- Visiting Professor, Maejo University, Nong Han, San Sai, Chiang Mai, Thailand 50290
Special Projects and Strategic Diving Department, School of Renewable Energy
- Visiting Professor, International Expert, Research and International Relations Affairs,
Faculty of Engineering, Kho Kaen University (October 5, 2020 ~ now)
- Editorial Board member of “International Journal of Science and Innovative Technology
(IJSIT)” (February 2021 ~)
- Visiting Professor, Department of Industrial Engineering, Faculty of Engineering, Chiang
Mai University (October 2019 ~September 2020)

- Visiting Professor, Department of Mechanical Engineering (October 2007 ~ September 2018), Faculty of Engineering, Chiang Mai University
- President of IFPaT, NPO, Japan (April 2007 - June, 2018)
- Advisory in Research Administration Center, CMU (2013 up to September 2018)
- Honorary Citizen of Hochiminh city, Vietnam (December 2016)
- AGRI - MECH Journal, Editorial Committee member (July 2016 ~)
- Advisory Committee member, Maejo University (February 2019~)
- Research Fellow, Faculty of Engineering Mie University (April 2006 - March 2008)
- Visiting Professor, International Exchange Affairs, Mie University (April 2006 - March 2007)
- Honorary Doctor awarded by CMU (January 2007)
- Professor of Emeritus, Mie University, Japan (2006)

Special interest

- Smart agriculture (Precision agriculture, Robotics, Plant (Green) factory)
- Application of Micro Nano bubble to Agriculture
- Rice mechanization
- Food procesing
- Community - based Asian Agrifuture; Future Farmer of Asia growing project
- Asian agriculture: Policy / Strategy proposal
- Haze Free issue in Thailand and Asia
- Terramechanics: Soil & Machine system

Academic background

- B.S in Agricultural Machinery, Mie University, Japan 1965;
- M.S in Agricultural Engineering, Kyoto University, Japan 1967;
- Ph.D in Agricultural Engineering, Kyoto University, Japan 1975

Professional Experience

- 1970 Assistant Professor, Department of Agricultural Machinery, Faculty of Agriculture, Mie University
- 1977 Visiting Faculty, Community and Regional Development, Asian Institute of Technology (one month in March)
- 1978 Visiting Faculty, Community and Regional Development, Asian Institute of Technology, (two months in October & November)
- 1979 Associate Professor, Department. of Agricultural Machinery, Faculty of

Agriculture, Mie University
1984 Professor, Department of Agricultural Machinery, Faculty of Agriculture,
Mie University,
1987 Professor, Dept. of Bio-production and Machinery, Faculty of
Bio-resources, Mie University
1997 Professor, Dept. of Environmental Science and Technology, Faculty of
Bio-resources, Me University
1999~2000 Director, Center for International Students at Mie University
2002~2004 Director, Center for International Students at Mie University
2006 Professor Emeritus, Mie University
2004~2006 President, AAAE(Asian Association for Agricultural Engineering),
Asian Institute of Technology, Bangkok, Thailand
2006 Visiting Professor, International Center for Education & Research, Mie
University, Tsu, Mie, Japan
2006 Research Fellow, Faculty of Engineering, Mie University,
2007 President of IFPat (International Farmers Participation Technical Net-work,
Non Profitable Organization, Japan) up to 2016
2007 Visiting Professor, Faculty of Engineering, Chiang Mai University (2007 ~2020)
2020 Visiting Professor. Faculty of Engineering, Khon Kaen University (2020 ~ 2021)
2021 Visiting Professor, School of Renewable Energy, Maejo University (2021 ~)

Academic Research Contribution

Books (published up to retirement in March 2006):

He joined writing almost seven books as committee chairman and co-author. Additional three text books (in English) prepared for JICA trainee are written alone as the author.

Recent book writing

- 1) **Nobutaka Ito (2018) Technologies for agrimation and agro-industry, *ISHS Acta Horticulturae 1213 III Asia Pacific Symposium on Postharvest Research, Education and Extension: APS2014, October 5, 2018***
- 2) Nobutaka Ito (2018) Asian Agriculture Growth Strategy, International Conference on Material, Machines and Methods for Sustainable Development, published in the Journal of Applied Mechanics and Materials (ISSN print 1660-9336 and ISSN web 1662-7482) published from Trans tech Publisher. (<https://www.scientific.net/AMM>)

Publications : Total number of original research publications published in the academic journal and transaction with review system by referees is around 100. Almost 20 of those publications written in Japanese are all with English summary. The other publications and articles published in the related scientific and technological journal & magazines to his academic & professional area are more than 250 roughly

Recent Presentation / Publication (Journal / Proceedings) since 2010 :

- 1) Nobutaka Ito: Special lecture on Distillation for the students from AIT visited ERDI (Energy Research & Development Institute), October 12, 2010.
- 2) Nobutaka Ito: Agricultural Engineering & Technology Development for Stopping Global Warming, October 23, 2010, Agricultural Engineering Workshop, Mae Tang, Thailand (Presentation) organized by Faculty of Engineering, Chiang Mai University.
- 3) Nobutaka Ito: Back to the Nature First, then to the Future, The 17th Tri-University International Joint Seminar & Symposium 2010, Special lecture, Proceeding of the above event, Chiang Mai University, November 9 -13, 2010.
- 4) Nobutaka Ito: Technology Overview and Strategic Policy Proposal in Agri-culture, Proceeding of Thailand - Japan International Symposium, in Industrial Engineering, Material Engineering and Robotics 2010, Chiang Mai University - Muroran Institute of Technology (TJIERME -CMU - Muroran IT - 2010), November 20-22, 2010.
- 5) Nobutaka Ito: Grow Human Resources who can contribute to Global Society, Ryugaku Koryu, JASSO, February 2011, p.16 - p.19, 2011
- 6) Nobutaka Ito: Grow Greens Globally, The International Workshop on Agriculture and Mechanization, Challenge and Opportunity for Globalization, March 21- 23, 2011, Chiang Mai University, Thailand
- 7) Nobutaka Ito: Role of Global University for Asia Sustainability, Programs & Abstracts, The 18th Tri-University International Joint Seminar & Symposium, Jiangsu University, Zhenjiang, Jiangsu, P. R. China, October 26~31, 2011, pp. 13 (keynote speech)
- 8) Nobutaka Ito (2012) Taking Chances for Globalization, The 19th Tri-University International Joint Seminar & Symposium, Bogor Agricultural University, Bogor, Indonesia, Proceeding of The 19th Tri-University International Joint Seminar & Symposium, pp. 1- 8, October, 2012. (Abstract & Full paper)
- 9) Nobutaka Ito (2012) Solar and Bio Energy Farm, Keynote lecture, at The 19th Tri-University International Joint Seminar & Symposium, Bogor Agricultural University, Bogor, Indonesia, Proceeding of The 19th Tri-University International Joint Seminar & Symposium, October, 2012.
- 10) Nobutaka Ito (2013) Multi-Purpose Use Rice Production, Proceedings of TSAE 2013, The 6th TSAE (Thai Society of Agricultural Engineering 2013), Hua Hin, April 1-4, 2013

Thailand Proceedings of The 6th TSAE (Thai Society of Agricultural Engineering 2013), pp. 19.

- 11) Nobutaka Ito (2013) Multi-disciplinary R/D Access for Asia Sustainability, International Conference on Interdisciplinary Research and Development in ASEAN Universities, Mae Pin Imperial Hotel, Chiang Mai, Thailand, 8-9 August, 2013
- 12) Nobutaka Ito (2013) Quality Management of Agricultural Products for Human Health, The International Symposium on Quality Management of Fruits and Vegetables for Human Health (FVHH2013), < www.kmutt.ac.th/FVHH2013 >, Golden Tulip Sovereign Hotel, Bangkok, Thailand during 5-6 August 2013.
- 13) Nobutaka Ito (2013) Many thanks to All, Proceedings of The 20th Tri-University International Joint Seminar & Symposium 2013, Memorial speech, Mie University, Japan, November 30, 2013
- 14) Nobutaka Ito (2013) Robotics & Abenomics for ASEAN Economic Community and Asia Sustainability, MIER 2013, Joint Symposium on Mechanical-Industrial Engineering and Robotics 2013, Chiang Mai, Thailand, Extended abstract, page 18 November 14 - 17, 2013,
- 15) Nobutaka Ito (2013) Engineer's Role to play for Asian Economic Community & Asia Sustainability, Proceeding of International Workshop on Agricultural Engineering and Post - Harvest Technology for Asia Sustainability, December 5 - 6, 2013. Hanoi, Vietnam, pp3 - 7.
- 16) Nobutaka Ito (2013) Technology Fusion for Asian Economic Community Establishment and Asia Sustainability, Keynote speech and Proceedings of ICSE 2013, Panel Talk at International Conference on Science and Engineering, Yangon, Myanmar, December 9 - 10, 2013.
- 17) Nobutaka Ito (2013), Session Chair, iGRC 2013, International Graduate research Conference 2013, The Graduate School, Chiang Mai University, December 20, 2013
- 18) Nobutaka Ito (2014) ASIA RICE PROJECT: Rice is a Strategic Key Resource for Asian Economic Community, Program & Abstract, The International Workshop on Renewable Energy, Natural resources, Environmental Impact Assessment & Information Technology & management, p. 8, March 3 - 5, 2014, Yangon Technological University, Myanmar, Myanmar.
- 19) Nobutaka Ito (2014) Mission & Role of University for Global Society, Proceedings of RMUTL (Rajamangala University of Technology, Lanna,) Chiang Rai Conference March 19, 2014, pp.1 - 8.

- 20) Nobutaka Ito (2014) How Asia can be united for Asian Economic Community, The 14th TSAE International Conference, Proceedings of The 7th International Conference of Thai Society of Agricultural Engineering, pp. 39, Ayuthaya, April 2-4, 2014
- 21) Nobutaka Ito (2014) Asia Agriculture Growth Strategy in Abenomics, presented as as the Invited Speaker by Agricultural Mechanization Session, JSAMFE (Japanese Society of Agricultural Machinery and Food Engineers, Ryukyu University, Okinawa, Japan, May 17, 2014. (Material for distribution)..
- 22) Nobutaka Ito (2014) ASIA RICE PROJECT: Rice is a Strategic Key Resource for Asian Economic Community, Program & Abstract, The International Workshop on Renewable Energy, Natural resources, Environmental Impact Assessment & Information Technology & management, p. 8, March 3 - 5, 2014, Yangon Technological University, Myanmar, Myanmar.
- 23) Nobutaka Ito (2014) Mission & Role of University for Global Society, Proceedings of RMUTL (Rajamangala University of Technology, Lanna,) Chiang Rai Conference March 19, 2014, pp.1 - 8.
- 24) Nobutaka Ito (2014) How Asia can be united for Asian Economic Community, The 14th TSAE International Conference, Proceedings of The 7th International Conference of Thai Society of Agricultural Engineering, pp. 39, Ayuthaya, April 2-4, 2014
- 25) Nobutaka Ito (2014) Asia Agriculture Growth Strategy in Abenomics, presented as as the Invited Speaker by Agricultural Mechanization Session, JSAMFE (Japanese Society of Agricultural Machinery and Food Engineers, Ryukyu University, Okinawa, Japan, May 17, 2014. (Material for distribution).
- 26) Nobutaka Ito (2014) Asian Agriculture Growth Strategy for Abenomics, Proceeding of The 5th Joint Symposium between Chiang Mai University and Kagawa University, September 10 - 12, Chiang Mai University, Thailand, pp. 108
- 27) Nobutaka Ito (2014) Getting Ready for making Action for going Beyond, The 21st Tri-University International Joint Seminar & Symposium 2014, Chiang Mai University, November 2 - 6.
- 28) Nobutaka Ito (2014) Community based Sustainability in Northern Thailand, Proceedings of International Symposium of TBU-JICA and IFPaT Joint Program, Integrated and Sustainable Agricultural and Rural Development for mountainous areas in the tropics, December 5th - 9th , 2014, Lakeside Hotel, Hanoi, Vietnam
- 29) Nobutaka Ito (2014) Keynote speech: Mechanization and Automation in Fresh

Technologies, Book of Abstract, The 3rd Asia Pacific Symposium on Postharvest Research, Education and Extension, pp 19, Victory Hotel, Hochiminh city, Vietnam, December 8 – 11, 2014

- 30) Sermkiat Jomjunyong & Nobutaka Ito (2015) Rice is a Strategic Key resource for ASEAN Economic Community, 1st International Conference on Asian Highland Natural Resources Management (Asia Highland), The Empress Hotel, Chiang Mai, Thailand, January 7-9th 2015
- 31) Nobutaka Ito (2015) Road to Doctor of Philosophy & Beyond, Symposium on Power and Energy Engineering RMUTL, February 21, 2015, RMUTL, Chiang Mai, Thailand
- 32) Nobutaka Ito (2015) International Cooperative Education & Career Development, The 1st RMUTL Chiang rai Conference, RCCON2015, Chiang Rai, Thailand, March 23 - 24, 2015
- 33) Nobutaka Ito (2015) Japanese Academicians: How they can / should be found and accepted by Thai University for promoting Research and Education Activity, Introduction of JSPS activities in Asia and sharing information about research opportunity in Japan, Phaya Sri Wisarn Waja Room, Office of University, ChiangMai University, May 28, 2015
- 34) Nobutaka Ito (2015) Inter University Linkage Program Proposal between Japanese and Thai universities, Princess Maha Chakri Sirindorn Congress, Interdisciplinary Approach to Sustainable Research and Development, IMPACT Forum, IMPACT, Muang Thong Thani, Nonthaburi, Thailand, organized by the Interdisciplinary Committee for Research and Development, The Royal Society of Thailand, June 3 - 4, 2015
- 35) Nobutaka Ito (2015) Asian Agriculture Growth Strategy, Journal of JSAMFE, Japanese Society of Agricultural Machinery & Food Engineers, Vol. 77, No. 4, p. 226~231
- 36) Nobutaka Ito (2015), Era for Asia to play Her Role in the World, The 22nd Tri-U International Joint Seminar and Symposium Jiangsu University, China, October 18 – October 23, 2015, Plenary Speech, The 22nd Tri-University International Joint Seminar and Symposium, Jiangsu University, Zenjiang, China, p. 15, October 18 - 23
- 37) Nobutaka Ito (2015), How the Interdisciplinary Education should be Promoted for Research and Development, International Conference on Interdisciplinary Research and development, ICIRD 2015, p. 9, October 29 - 31, Proceedings of International Conference on Interdisciplinary Research and Development, ICIRD 2015, Maejo University, Chiang Mai, Thailand <http://www.icird.mju.ac.th/icird2015/fullpaper.pdf>. pp.40 - 49.
- 38) Nobutaka Ito (2015), How ASEAN Economic Community should play the Role for

- Asia Sustainability, Proceedings of The 5th International Conference on Green and Sustainable Innovation ICGSI 2015, p.O-124, November 7 - 10, Pattaya, Thailand,
- 39) Nobutaka Ito (2015), How Much FEE we can pay for Sustainable Society Building
3rd International Conference Sustainable Agriculture, Food and Energy
17-20 November 2015 Nong Lam University, Hochiminh city, VIETNAM
- 40) Technology overview for Asia Sustainability, International Workshop 2016 on
Advanced Plasma Technology and Application, Major topics: Plasma Technology for Agriculture,
Bio and Medicine, Abstract: page 23, Eastin Tan Hotel, Chiang Mai, Thailand, 22nd – 23rd,
February 2016
- 41) Nobutaka Ito (2016) Student and staff mobility project proposal for university
internationalization, JSPS Guidance Symposium, Faculty of Medicine, Chiang Mai University,
May 27, 2016
- 42) Nobutaka Ito (2016) Summarized wrap up, International Workshop on Climate Change Impact
on Agriculture, IBIS Hotel, June 9-10, 2016, Chiang Mai University, Thailand.
- 43) Nobutaka Ito (2016) Forest burning prevention for Asia Sustainability, Kagawa University -
CMU Joint Symposium organized and hosted by Kagawa University August 26 - 31, 2016
- 44) Nobutaka Ito (2016), Examining How Agricultural Mechanization was won in Japan,
TSAE (Thai Society fo Agricultural Engineering), IMPACT ARENA, Bangkok, September 8
-10, 2016. TSAE Journal, Vol. 22-1, p. 206 - 215. He was awarded for Best Presentation
and Best Manuscript Awards.
- 45) Nobutaka Ito (2016), What TRI-U program can do for Asia Sustainability, Proceedings of The
23rd Tri-U 2016 International Joint Seminar & Symposium, October 23 - 28, IPB (Bogor
Agricultural University), Indonesia, p.1 - p.4. Prepared for Plenary Session speech.
- 46) Nobutaka Ito (2016) Stop Burning and Haze Prevention in Thailand, 6th International
Conference on Sustainable Energy and Environment (SEE2016) in conjunction with ICGSI2016
(6th International Conference on Green and Sustainable Innovation) and CTI2016 (1st International
Conference on Climate Technology and Innovation), Energy & Climat 2016, Dusit Thani
Bangkok Hotel, Thailand, 3a-Change: Innovating for a Sustainable Future, 28 - 30 November, 3A
088 (Code), p. 446 - 451..
- 47) Nobutaka Ito (2016), Smart Agriculture ensures the Sustainable Agriculture Promotion,
Proceedings of International Conference on Sustainable Agriculture and Environment, p. 16 ~ 21,
Nong Lam University, Hochiminh city, Vietnam, December 13 ~ 14, 2016
- 48) IS-HPMNB, 1st International Symposium on Application of High-voltage. Plasma & Micro
Nano Bubbles to Agriculture & Aquaculture, January 5~6, 2017 at Rajamngala University of
Technology, Lanna (just attendance)

- 49) Nobutaka Ito (2017) ASEAN UNIVERSITY NETWORK : STUDENT MOBILITY
Prepared for Thai – ASEAN University Network, 14:30 ~ 16:00 pm March 13, 2017, Faculty of Humanities
- 50) Nobutaka Ito (2017), Japan's Energy Shift for Sustainability, Keynote speech, Proceeding of the 1st Maejo-Engineo International Conference on Renewable Energy (MEICRE 2017) which is scheduled from 31st May to 2nd June 2017, Empress Hotel, at Chiang Mai, Thailand.
- 51) Nobutaka Ito (2017), How the Visiting Professor should be active and welcomed, Introduction of JSPS Activity in Asia and sharing Information about Research Opportunity, Phaya Sri Wisarn Waja Room, Office of University, Chiang Mai University, June 2nd, 2017 (Handout of PPT & Final manuscript)
- 52) Nobutaka Ito (2017) Asia Techno Farm, The International Conference of Building of Food Sovereignty through a Sustainable Agriculture: Challenge of Climate Change and Global Economic Community, University of Jember (UNEJ), East Java, Indonesia, August 1st ~ 3rd, 2017
- 53) Nobutaka Ito (2017) Asia Techno Farm Initiative, Thai Society of Agricultural Engineering, Impact Arena, September 9 ~ 10, 2017
- 54) Nobutaka Ito (2017) Haze issues in Northern Thailand, Thai Society of Agricultural Engineering, Impact Arena, September 9 ~ 10, 2017
- 55) Nobutaka Ito (2017) Asia Techno Farm Initiative for Promoting Asia Food Project, Workshop on Precision Agriculture and Agricultural Machinery Industry for Thailand 4.0, TISTR Lamtakhong Research station, Ministry of Science and Technology, Pakchong Nakorn Rachasima, Thailand
- 56) Nobutaka Ito (2017) Haze Free Forest Farm, Regional Haze and Climate Change Management (Keynote speech), Proceeding Book of conference RHCCM2017
https://drive.google.com/open?id=1sgd5TmyY5Oy96gyNSU_tFT04VtsI8v74rF89g-meauc
Kanthary Hotel Chiang Mai, Thailand
- 57) Nobutaka Ito (2017) Technology for Multi-purpose use Rice Mechanization, Proceedings of MIER Joint symposium on Mechanical Engineering - Industrial Engineering & Robotics, between Muroran Institute of Technology & Chiang Mai University, UNISERV, CMU, November 16 ~ 18, 2017
- 58) Nobutaka Ito (2017) How Asian agriculture should be changed and promoted for Regional Community Development, (Keynote speech), The International Conference on Agricultural and Bio-system Engineering, Nong Lam University, Vietnam, December 19 ~ 20, 2017
- 59) Sermkiat, Nobutaka Ito (2018) Forest farm for Haze Free, Proceeding s of The 11th TSAE International Conference, 26~27 April, Chulaborn International Convention Center (Wora Wara Hua Hin Hotel & Convention) Hua Hin, Prachuap Khin Khon, Thailand
- 60) Nobutaka Ito (2018) FFA (Future Farmers of Asia) growing program, Proceedings of The 11th TSAE International Conference, 26~27 April, Chulaborn International Convention

- Center (Wora Wara Hua Hin Hotel & Convention) Hua Hin, Prachuap Khin Khon, Thailand
- 61) Nobutaka Ito (2018) Food and Energy Farm, 7th CMU-KU Joint Symposium 2018, August 27 -29, 2018, Chiang Mai University, Thailand
- 62) Nobutaka Ito (2018) Which is which, Biomass or solar for food and energy? SAFE NETWORK International workshop, October 18 - 21, I'M Hotel, Manila, Philippines
- 63) Nobutaka Ito (2018) Technology and Culture, International Seminar on Millennial and Tomorrow's world, Warmadewa University, Bali, Indonesia, November 24, 2018.
- 64) Sermkiat Jomjunyong, Nobutaka Ito (2018) Modeling for estimating Energy loss and CO₂ emission from forest burning, Programme & Book of abstracts, F-07, P. 92, SEE 2018 Proceedings of The 7th of International Conference on Sustainable Energy and Environment: Technology and Innovation for Global Energy Revolution, P. 105 - P. 109, November 28 -30, 2018, Chatrium Hotel Riverside, Bangkok, Thailand
- 65) **Nobutaka Ito (2018) Technologies for agrimation and agro-industry, *ISHS Acta Horticulturae 1213 III Asia Pacific Symposium on Postharvest Research, Education and Extension: APS2014***
October 5, 2018, <https://www.actahort.org/books/1213/>
- 66) Nobutaka Ito (2018) Does EV make Renewable Energy useless?, Keynote lecture, 2nd Maejo-Engineo International Conference on Renewable Energy, The wisdom of Agriculture and Renewable Energy, Proceedings of MEICRE 2018 December 14-15, 2018 at International Education and Training Center, Maejo University, page 4, Chiang Mai, Thailand
- 67) Nobutaka Ito (2019) Where does Electric Vehicle drive renewable energy?, Proceeding of The 12th TSAE International Conference 14-15 March 2019, Hard Rock Hotel, Pattaya, Thailand (Keynote speech as Invited Guest speaker)
- 68) Nobutaka Ito (2018) Asian Agriculture Growth Strategy, International Conference on Material, Machines and Methods for Sustainable Development, published in the Journal of Applied Mechanics and Materials (ISSN print 1660-9336 and ISSN web 1662-7482) published from Trans tech Publisher. (<https://www.scientific.net/AMM>) (Book)
- 69) Nobutaka Ito (2019) "Technologies for agrimation and agro-industry" **Nobutaka Ito (2018) Technologies for agrimation and agro-industry, *ISHS Acta Horticulturae 1213 III Asia Pacific Symposium on Postharvest Research, Education and Extension: APS2014***
October 5, 2018, <https://www.actahort.org/books/1213/> (Book)
- 70) Nobutaka Ito (2019) Urban Farming and Research Innovation, Mini- symposium on Urban Farming and Research Innovation, Andalas University, Padang, Indonesia (Keynote Presentation as Invited Guest speaker), April 26 - 30, 2019.
- 71) Nobutaka Ito (2019) SAFE NETWORK, Summer course, Indonesia Towards Leading Agro-industry in Local Wisdom- based Food and Bio-energy Sovereignty,

- "How Agriculture can achieve the Goal for Food and Energy Sovereignty",
Bandung, Indonesia, July 29 & 30, 2019.
- 72) Nobutaka Ito (2019) FFAGPI, Future Farmers of Asia Growing Program Initiative, Invited speech, Green Agri - Food Energy Production for a better world in a changing climate, Conference Program & Paper abstract, Phuket, Thailand, October 18 - 21, 2019
- 73) Nobutaka Ito (2019) How the Asian Agrifuture can be achieved, Agrifuture Conference & Exhibition 2019, The True Digital Park, Bangkok, December 2-3, 2019 (as invited speaker)
- 74) Sermkiat Jomjunyong, Nobutaka Ito (2020) Haze Free Forest Farm in Thailand, The conference of Industrial Engineering Network (IE NETWORK 2020) May 7, 2020
- 75) Nobutaka Ito (2020) **Community based ASIAN AGRIFUTURE: How it can be achieved** (Page #06) AGRI MECH magazine, July 2020. [The digital edition of AGRI MECH \(July 2020\)](#)
[AGRI MECH](#) presents its latest online edition of *July 2020*,
- 76) Nobutaka Ito (2020) University goods manufacturing program combined with engineering education, Maejo International Journal of Energy and Environmental Communication
<http://www.mijeec.mju.ac.th/Upload/Journal/21959ea8-aada-49e1-9163-b3b68d84be4e.pdf> It was published on Issue 2, volume 1, year 2019 of Maejo International Journal of Energy and Environmental Communication journal.
- 77) Nobutaka Ito (2020) Asian Agrifuture: How the Asain Agriculture can be achieved, The 7th International Conference of TSAE, Thai Society of Agricultural Engineering., July30, 2020, Suranaree University of Technology, Korat, Thailand
- 78) Nobutaka Ito (2021) Hyper Low Cost Rice Mechanization System, The14th of te TSAE International Conference and the 22nd TSAE National Conference, Paper Code No. 10, May 12 - 13, 2021 organized and hosted by Khon Kaen University, Khon Kaen, (Awarded for good presentation award by TSAE organizing committee)
- 79) Nobutaka Ito (2021) Technology for overcoming the global tetralemma, Contribution Number 60011, SIGNAL 2021. The Sixth International Conference on Advances in Signal, Image and Video Processing SIGNAL 2021, May 30, 2021 to June 03, 2021,- Valencia, Spain (Keynote lecture)
- **SysMea21v14n12: Journal contribution submission link (ref contribution 74061), IARIA JOURNALS Notification**
journals.log@iariasubmit.org, SIGNAL 2021:

Best Paper Award (latest email dated on August 27, 2021)

Dear Dr. Nobutaka Ito

Greetings,

While we normally select the awarded articles after the conference takes place, we are adapting to new conditions and have made the selection based on feedback that we were able to gather without a live presentation.

Your paper "Technology for Overcoming the Global Tetralemma" has been awarded as one of the top papers. Digital awards have been posted on the conference page under the "Post Conference -> Awards" link. This responds to a large number of requests to facilitate the ease of access to these documents as needed for various applications.

Along the same lines, authors of selected papers have been invited to submit extended papers to one of the IARIA Journals (see <http://www.iariajournals.org>). You can already consult the submission rules at <http://www.iariajournals.org/#rules> and start working your journal submission. The exact details and a submission link have been sent in a formal email.

Best regards,

Nick

80) Nobutaka Ito (2022) de-carbonized Society: How it should be built, SIGNAL 2022, May 22~26, KEYNOTE SPEECH | Venice, Italy, May 22-26, 2022.

81) Nobutaka Ito (2022) Ultimate Rice Mechanization System, i-FAISEN (International Forum on Agricultural Innovation, Sustainability, Entrepreneurship and Networking), as a part of AAACU (Asian Association of Agricultural College and University) the 23rd Biennial Conference with Reinventing University, Maejo University at FURAMA Hotel, Chiang Mai, July 6-8, 2022

82) Nobutaka Ito (2022) Next era Global Human Resources Development, (Keynote speech) the 28th Tri-University International Joint Seminar & Symposium, Bogor Agricultural University (IPB), Indonesia, November 7 ~11, 2022.

Honors & Awards

- 1) Fifty days friendship and good will tour to USA awarded as the member of the group by NBN (Nagoya Broadcasting Network Co. Ltd in 1964. He stayed for three weeks mainly at University of Utah and joined a series of seminar prepared by University of Utah. After that for thirty days he joined the tour by two station wagons provided by University of Utah and looked around the USA for one month)
- 2) The Certificate of Appreciation awarded by JICST (Japan Information Center for Science and Technology, private organization) He was awarded for almost 10 years contribution in academic paper translation from Russian to summary in Japanese language. November 1991
- 3) Academic research award entitled "Study on the Slip-draft-control of tractor" was awarded by Japanese Society of Agricultural Machinery in April 1981 (Academic

award)

- 4) The certificate of Appreciation awarded by JICA Director on August 4, 1997 for his long contribution to JICA (Japan International Cooperation Agency)
- 5) Acoustic Tomography for Three-Dimensional Temperature and CO₂ - Concentration Measurements in Environmental Fields was awarded by Japanese Society of Visualization, July 15, 1998 (Academic research award)
- 6) The Certificate of Appreciation awarded by Leyte State University, Philippines, September , 2001
- 7) The Certificate of Appreciation awarded by Kasetsart University, June 2002
- 8) The Certificate of Appreciation awarded by Bogor Agricultural University, Indonesia, August 2001
- 9) Awarded as Professor Emeritus by Mie University, May 2006
- 10) Certificate of Appreciation by Society of Automobile Engineers, Japan, May 2006
- 11) Long term contribution for JSAM (Achievement Award) awarded by JSAM, Japanese Society of Agricultural Machinery, March 2007
- 12) Awarded for Honorary Doctoral degree by Chiang Mai University, Thailand, January 22, 2009
- 13) Awarded for Special Presidential Award by Mie University, June 12, 2009
- 14) Awarded for Honorary Membership by Japanese Society of Mechanical Engineering, 2010
- 14) Awarded for Honorary Membership by Japanese Society of Agricultural Machinery, September 27, 2011
- 15) Awarded for "Fellow" by CIGR (Commision Internationale du Genie Rural), Japan September 21, 2011
- 16) Awarded Special Presidential Award by Mie University, October, 2013
- 17) Hochiminh City Honorary Citizenship Awarded by Nong Lam University and Vietnamese Government, December 2015
- 18) Best Presentation Award & Best Manuscript Award by TSAE, Thai Society of Agricultural Engineering, entitled Examining How Agricultural Mechanization Was Won in Japan, September 8 - 10, 2016
- 19) Certificate of Appreciation was given by The 4th AFSA International Conference on "Food Safety and Food Security", entitled on "Future Farmer of Asia Growing Program", August 11, 2018, at Angkor Paradise Hotel, Siem Reap, Cambodia
- 20) EIT (Engineering Institute of Thailand) Award (October 2018)

Extra positions

- President of AAAE (Asian Association of Agricultural Engineering), at AIT, Bangkok, Thailand (2006 to December 2007)
- President of IFPat (International Farmers Participation Technical Net-work, Non Profitable Organization), Ibaragi, Japan, March 2008 up to present)
- Executive Board Member, Japanese Society of Agricultural Machinery (up to March 2007)
- Executive Board Member, Japanese Society of Agricultural Machinery in Kansai Branch (up to March 2007)
- Chairman of the committee for promoting locally specified education and research in agricultural machinery and mechanization (Japanese Society of Agricultural Machinery) (up to March 2007)
- Outside lecturer for JICA training course named “Agricultural Mechanization for Sustainable Farming System” (up to March 2007)

Extra positions in the past

- 1) Member of the Committee for Agricultural Machinery Safety, (Japanese Association of Agricultural Machinery Industry), 1992
- 2) Chairman of Committee for Standardization of Agricultural Machinery, (Japanese Association of Agricultural Machinery Industry), 1993
- 3) Member of Editorial Committee for Technical Guide Book for Agricultural Machinery, (Japanese Association of Agricultural Machinery Industry) 1993
- 4) Chairman of Committee for Safety of Agricultural Machinery, (Japanese Association of Agricultural Machinery Industry) 1994
- 5) Outside Lecturer responsible for one special lecture on construction machinery (Undergraduate Program) at Kobe University, in Japan, 1997 – 1998
- 6) Director, Center for International Students at Mie University, 1999 – 2000
- 7) Director, Center for International Students at Mie University, 2002 – 2004
- 8) Outside Lecturer responsible for one special lecture on Global Tetralemma (Graduate Program) at Niigata University, in Japan 2002
- 9) Committee Member of Kameyama city (his home town) for Information Disclosure 200 - 2004

- 10) Committee member for SAE (Society of Automobile Engineers, Chubu branch) university student. He organized special program for safety and skill up in Car and Motorcycle driving for fifteen years from 1985 to 2000.
- 11) Editorial Committee member of Annals of Tropical Research (Academic Journal) 1999 up to now
- 12) Editorial Board member of Journal of Agricultural Engineering in AAAE, 1999 – 2005
- 13) Committee Chairman of Evaluation and Discussion for JICA training course renewal of Farm Machinery Design course and Agricultural Mechanization course, 2004
- 14) Vice President, AAAE (Asian Association of Agricultural Engineering) 2002 -2004
- 15) Evaluation Member of JSPS (Japan Society for Promotion of Science) for Researcher Application, 1999
- 16) Evaluation Member of JSPS (Japan Society for Promotion of Science) for Research Fund Application, 2001 - 2002
- 17) Executive Board member, ISTVS (International Society for Terrain Vehicle Systems) Japan Branch, 1998 – 2002
- 18) Chairman of Editorial Committee on Terramechanics Library for Designing Track and Tracked Vehicle, 1997- 1999.
- 19) Chairman of Academic and International Affairs Committee in Faculty of Bio-resources for fifteen years from 1990
- 20) Member of International Exchange program, Mie university for eight years from 1996 - 2004

External Research Fund

- 1) Research fund on Direct Sowing of Rice by Use of Coated Rice was granted by Ministry of Education & Science 1976
- 2) Research fund on New Mechanization system for Harvesting and Processing of Rice was granted for three years for three years from
- 3) Research fund was granted for promoting new type of education named Refresh and Recurrent Education in Agriculture and Fishery by Mie prefecture for three years from
- 4) Research fund was granted by Mie prefecture for promoting the research

- on “Soft Fruit Harvesting Robot” with joint study with Takakita Co. Ltd., for three years from 1996 – 1999.
- 5) Research fund was granted by Yamazaki Bakery Co. Ltd. For two years from 1997 – 1998 for two years
 - 6) Research fund was granted by Mie prefecture government for promoting the research on Soft Fruit Harvesting Robot with joint operation with Takakita Co. Ltd., for there years from 1996 – 1999.
 - 7) Research fund on Agricultural Robotic System based on Precision Farming for Sustainable Development, was granted for three years, 1999 - 2002
 - 8) Education Fund on Learning University Reform from USA was granted by Ministry of Science and Education, Japan 2003
 - 9) Education Fund on New Method of Developing the Mixed Class for Both Japanese and Foreign Students based on English language was granted by Ministry of Science and Education, Japan 2004
 - 10) Special Research Survey Fund awarded by NEDO, New Energy and Industrial Technology Development Organization & Techno Research Institute: Survey Report on Food Resources for Energy Use. November 1999.
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In addition, the research fund was granted from industries shown below.

Yanmar Agricultural Machinery Co. Ltd, for two years

Toyota Gousei Co. Ltd., (manufacturing car parts mainly consisting of rubber and plastics) twice

Otake Agricultural Machinery Co. Ltd.

Ohtsu Tire Co. Ltd.

Yamazaki Bakery Co. Ltd. for two years

Patents

Ideas came out in the process of research activity were submitted for patenting jointly with Yanmar Agricultural Machinery Co. Ltd. and Ohtsu Tire Co. Ltd. Total number of ideas are almost more than ten.