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# The 1<sup>st</sup> International Conference on Sustainable Agriculture and Aquaculture



For Well Being and Food Security

Production

**Date : 11-12 January 2021**

Venue : The 8<sup>th</sup> floor, LRC Building, Prince of Songkla University  
Organized by : Faculty of Natural Resources

Prince of Songkla University  
THAILAND

Aquatic Science Alumni Association

Joint Symposium-Thai & Japanese  
on Basic and Applied Studies



# THE FIRST INTERNATIONAL CONFERENCE ON SUSTAINABLE AGRICULTURE AND AQUACULTURE 11 - 12 JANUARY 2021

## REPORT ON ICSAA 2021

Bio-, Circular-, Green Agriculture and Aquatic Production



Co-funded by the Erasmus+ Programme of the European Union



ICSAA

IN BRIEF



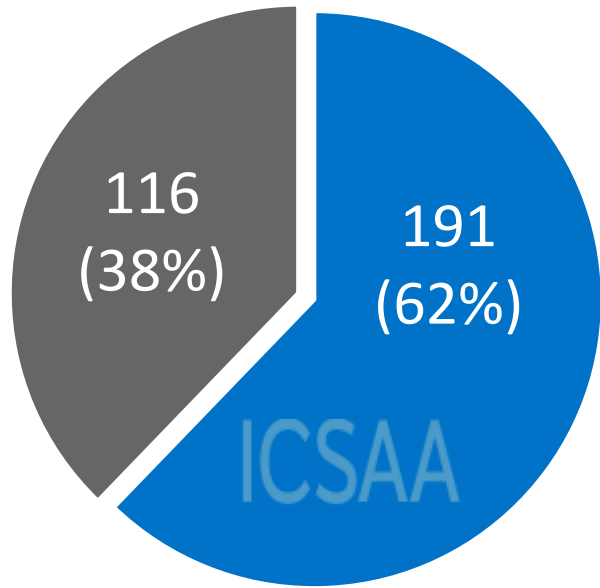
# PARTICIPANTS



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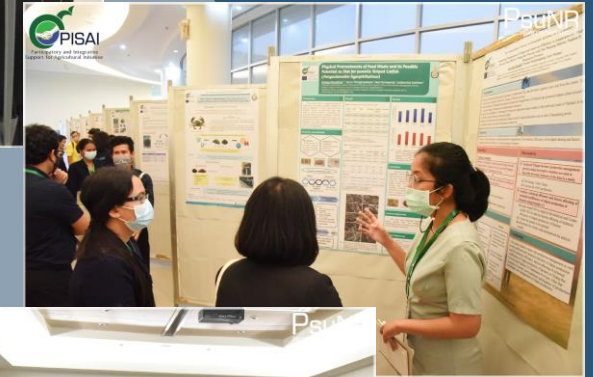


ESTIMATED TOTAL 307 PARTICIPANTS



■ On-line ■ On-site

**Remark:** The total number estimated from opening session and the presentation sessions (deducted the repetition number in the scientific sessions)



# SUMMARY ON PRESENTATIONS

- Total - 128 presentations  
(Thai = 92, Foreigners = 36)
- Oral presentations - 81  
(included keynote (2) and invited speakers (8))
- Poster presentations - 47



	Agriculture session		Agricultural System session		Aquaculture session		Special Exhibition	Total	
	Oral	Poster	Oral	Poster	Oral	Poster	Poster	Oral	Poster
• Thai	29	20	4	6	19	13	-	52	39
• Foreigners	5	-	10	3	12	3	2	27	8
• <b>Total</b>	<b>34</b>	<b>20</b>	<b>14</b>	<b>9</b>	<b>31</b>	<b>16</b>	<b>2</b>	<b>79</b>	<b>47</b>
	<b>54</b>		<b>23</b>		<b>47</b>		<b>2</b>	<b>126</b>	

# FULL PAPER SUBMISSIONS



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	SJST			e-Proceedings		
	Total	Thai	Foreigner	Total	Thai	Foreigner
• Total (41 submissions)	<b>22</b>	<b>11</b>	<b>11</b>	<b>19</b>	<b>16</b>	<b>3</b>
• Agriculture Session	6	5	1	10	9	1
• Agricultural System Session	6	2	4	4	3	1
• Aquaculture Session	10	4	6	5	4	1

**Remark:** The full papers for the Songklanakarin Journal of Science and Technology (SJST) will be published in a regular issue (special section), Volume 44 issue 1 (2022) which indexed by SCOPUS and TCI.



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# PARTNERS - COLLABORATION

FOR PISAI'S ICSAA 2021



# KEYNOTE SPEAKERS



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**TOWARDS SUSTAINABLE FOOD SYSTEMS**

Hanna L. Tuomisto  
Associate professor  
Future Sustainable Food Systems –research group  
Helsinki Institute of Sustainability Science (HELSUS)  
University of Helsinki  
hanna.tuomisto@helsinki.fi, @htuomisto, @futuresustfoods

2021-01-11 16:50:23



**ASSOC. PROF. DR. HANNA TUOMISTO**

**University of Helsinki, Finland**

“Towards Sustainable Food  
Systems”



**ASST. PROF. DR. BUDSARA  
LIMNIRANKUL**

**Chiang Mai University, Thailand**

“Enhancing sustainable agriculture  
and food system for rural  
livelihood in Northern Thailand”



**Enhancing Sustainable Agriculture Development and  
Food Systems for Rural Livelihood in Northern Thailand**

Asst. Prof. Dr. Budsara Limnirankul  
Department of Agricultural Economy and Development,  
Faculty of Agriculture, Chiang Mai University  
International Conference on Sustainable Agriculture  
and Aquaculture (The 1st ICSAA) 11-01-2021

2021-01-11 16:05:30

# INVITED SPEAKERS



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PROF. DR. DIDIER PILLOT

Looking for the proof :  
the challenge of measuring  
sustainability and resilience

Didier Pillot, 12/01/2021

l'institut Agro  
agriculture • alimentation • environnement

SupAgro Montpellier

ICSAA

The 1<sup>st</sup> International Conference on  
Sustainable Agriculture and Aquaculture

For Well Being and Food Security

Bio-, Circular-, Green Agriculture and Aquatic Production



Montpellier SupAgro, France



ASSOC. PROF. DR. SUPAT  
ISARANGKOOL NA AYUTTHAYA

Khon Kaen University, Thailand

“Development of the Suitable  
Water and Nutrient Managements  
for Economic Trees in Northeast  
Thailand”



Participatory and Integrative Support for Agricultural Initiative

Funded by the  
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of the European Union

PISAI  
2017-2020

DEVELOPMENT OF THE SUITABLE WATER  
AND NUTRIENT MANagements  
FOR ECONOMIC TREES IN NORTHEAST THAILAND

Supat Isarangkool Na Ayutthaya  
Department of Horticulture  
Faculty of Agriculture, Khon Kaen University

30<sup>th</sup>  
HORTICULTURE  
KKU

International Conference on Sustainable Agriculture and Aquaculture (ICSAA), PSU (12 Jan 2021)

2021-01-12 14:57:19



# INVITED SPEAKERS



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Sustainability  
Challenges in  
Agriculture

Thilde Bech Bruun

Department of Geosciences and  
Natural Resource Management  
University of Copenhagen

UNIVERSITY OF COPENHAGEN

Thilde Bech Bruun



**ASSOC. PROF. DR. THILDE BECH BRUUN**



**DR. PETRA CHALOUPKOVÁ**

To Work or Not to Work in Agriculture?  
Perspectives and Expectations of Students and  
Employers in Thailand

Petra Chaloupková & Olga Leuner  
Capacity Building & Agricultural Development Research Team  
Faculty of Tropical AgriSciences  
Czech University of Life Sciences Pragues  
Czech Republic

Petra Chaloupková

University of Copenhagen,  
Denmark

“Sustainability Challenges in  
Agriculture”

Czech University of Life  
Sciences Prague,  
Czech Republic

“To Work or Not to Work in  
Agriculture? Perspectives and  
Expectations of Students and  
Employers in Thailand”

# SCIENTIFIC COMMITTEE

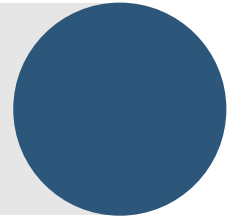
## AGRICULTURE SESSION



Partner	Name
P1-PSU	Dr. Narit Thaochan
	Dr. Anurag Sanpapao
	Dr. Ladawan Lerslerwong
	Dr. Jessada Sopharat
	Dr. Sureerat Yenchon
P2-KU	Dr. Pattamavadee Kunwandee
	Dr. Buncha Chinnasri
	Dr. Surassawadee Promyou
P3-CMU	Dr. Wachiraya Imsabai
	Dr. Saowaluck Yammuen-Art
P6-KKU	Dr. Supat Isarangkool Na Ayutthaya
	Dr. Panupon Hongpakdee
	Dr. Phrueksa Lawongsa
P7-CULS	Dr. Petra Chaloupková

# SCIENTIFIC COMMITTEE

## AGRICULTURAL SYSTEM SESSION



Partner	Name
P1-PSU	Dr. Vichot Jongrungrote
	Dr. Apinya Ratanachai
P3-CMU	Dr. Budsara Limnirankul
	Dr. Pornsiri Suebpongsang
P4-SupAgro	Dr. Didier Pilliot
P5-UCPH	Dr. Thilde Bech Bruun
P6-KKU	Dr. Arunee Promkhambut
P8-UHEL	Dr. Hanna Tuomisto
	Dr. Yumi Kobayashi



# ORAL & POSTER PRESENTATION FROM PARTNERS

- **Total number** **95**
  - Oral presentations **62**
  - Poster presentations **33**

Partner	Total presentation	Session	Oral/Poster
SupAgro	5 • Oral = 5	Agriculture System	5/0
UHEL	1 • Oral = 1	Agriculture System	1/0
UCPH	1 • Oral = 1	Agricultural System	1/2
CULS	3 • Oral = 1 • Poster = 2	Agricultural System	1/0
		Special Exhibition	0/2

Partner	Total presentation	Session	Oral/Poster
CMU	12 • Oral = 8 • Poster = 4	Agriculture	6/0
		Agricultural System	2/4
KKU	12 • Oral = 7 • Poster = 5	Agriculture	7/5
KU	10 • Oral = 7 • Poster = 3	Agriculture	6/3
		Aquaculture	1/0
PSU	51 • Oral = 32 • Poster = 19	Agriculture	11/4
		Agricultural System	1/2
		Aquaculture	20/13

**Remark:** Presenters were students, researchers or lecturers from each institute

# PISAI'S STUDENTS PARTICIPATED AT ICSAA



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TOTAL NUMBER - 24 STUDENTS



## PSU: 10 students

- 1<sup>st</sup> batch: 6 students
- 2<sup>nd</sup> batch: 4 students

- Oral presentation:  
6 students
- Poster presentation:  
4 student



## KU: 3 students

- 1<sup>st</sup> batch: 2 students
- 2<sup>nd</sup> batch: 1 student

- Oral presentation:  
2 students
- Poster presentation:  
1 student



## CMU: 6 students

- 1<sup>st</sup> batch: 2 students
- 2<sup>nd</sup> batch: 4 students

- Oral presentation:  
2 students
- Poster presentation:  
4 students



## KKU: 5 students

- 1<sup>st</sup> batch: 4 students
- 2<sup>nd</sup> batch: 1 student

- Oral presentation:  
4 students
- Poster presentation:  
1 student

# EVALUATION RESULTS



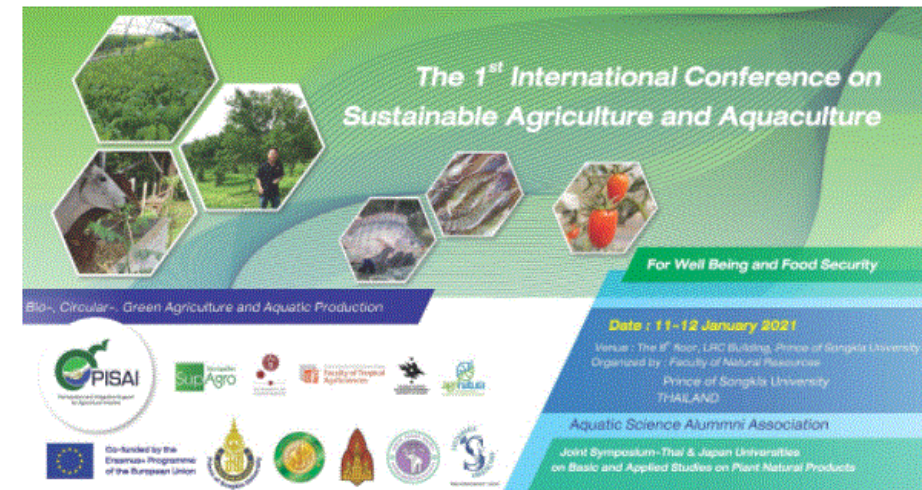
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- Participants' information
- Abstract submission procedures
- Pre-conference, Publicity, Communication, Registration
- Conference organization
  - Responses for on-site participation
  - Responses for on-line participation
- Conference event
- Suggestions and Recommendations

## ICSAA - Evaluation Form

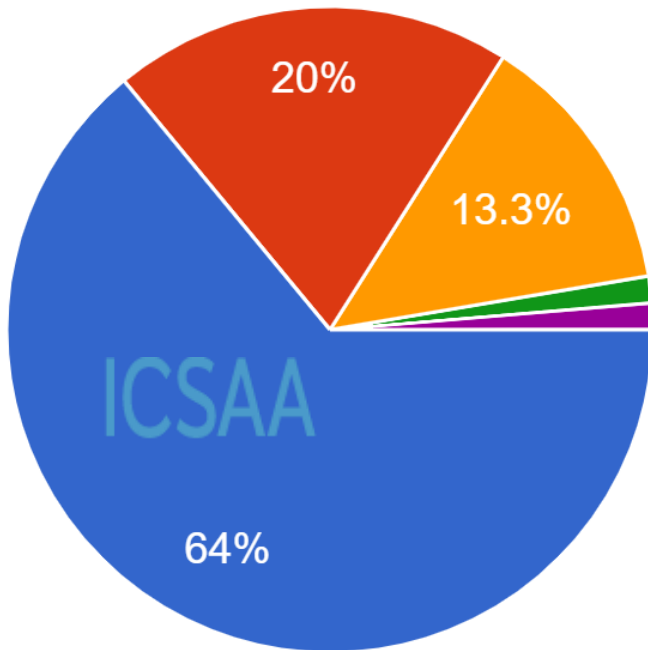
The First International Conference on Sustainable Agriculture and Aquaculture  
11 - 12 January 2021  
Thank you for attending the ICSAA 2021

Please take a few minutes to answer the following questions either by completing this form. Any additional comments you are willing to give us will be very useful and much appreciated.



# PARTICIPANTS' INFORMATION

75 RESPONDENTS ON EVALUATION



- Student (48/64%)
- Lecturer (15/20%)
- Researcher (10/13.3%)
- Partner (1/1.3%)
- Invited speaker (1/1.3%)



56 responses  
(74.6%)



34 responses  
(45.3%)



15 responses  
(20%)



2 responses  
(2.7%)



2 responses  
(2.7%)



1 responses  
(1.3%)

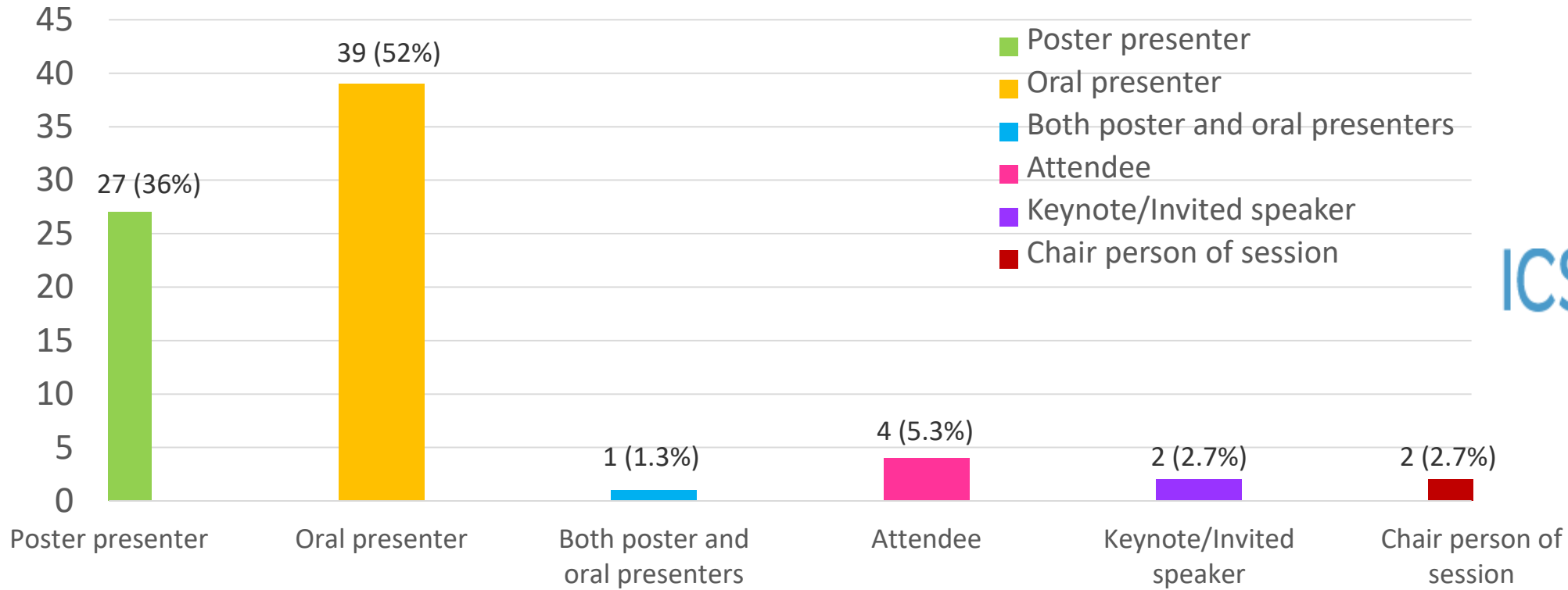


HOW DID YOU KNOW ABOUT THE CONFERENCE?

(multiple answers)

# PARTICIPANTS' INFORMATION

TOTAL 75 RESPONDENTS



## Category of conference participations



ICSAA

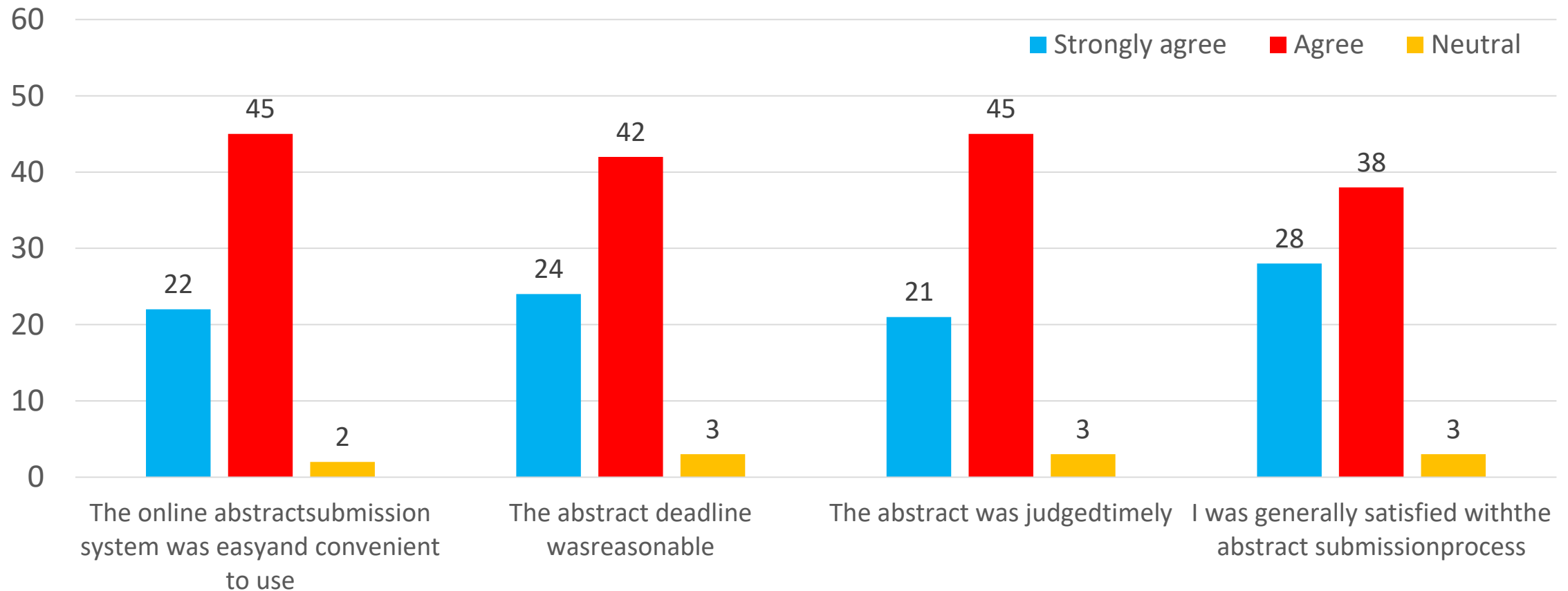


# ABSTRACT SUBMISSION PROCEDURE

69 FROM 75 RESPONDENTS

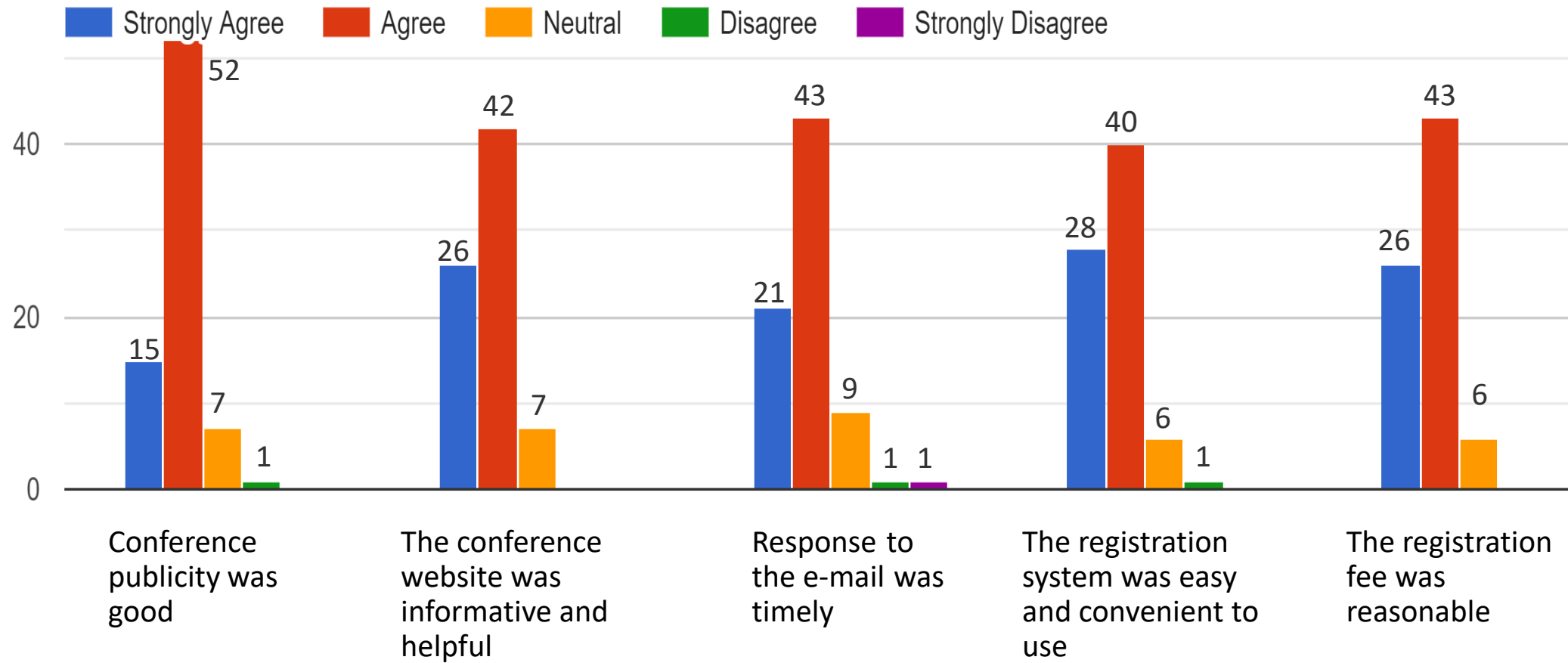


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# PRE-CONFERENCE, PUBLICITY, COMMUNICATION, REGISTRATION

TOTAL 75 RESPONDENTS



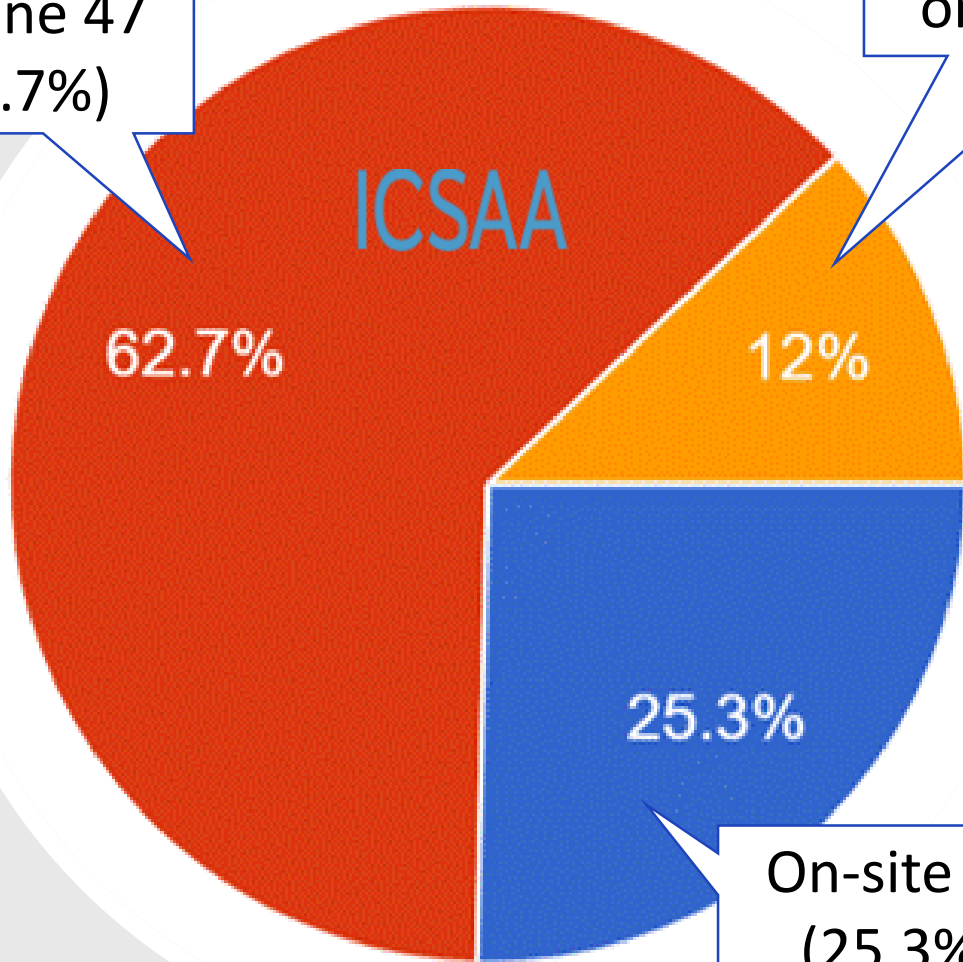


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On-line 47  
(62.7%)

Both on-line and  
on-site 9 (12%)



TOTAL 75 RESPONDENTS

# CONFERENCE ORGANIZATION

## HYBRID FORMAT (ON-LINE AND ON-SITE)



ICSAA.INFO@GMAIL.COM

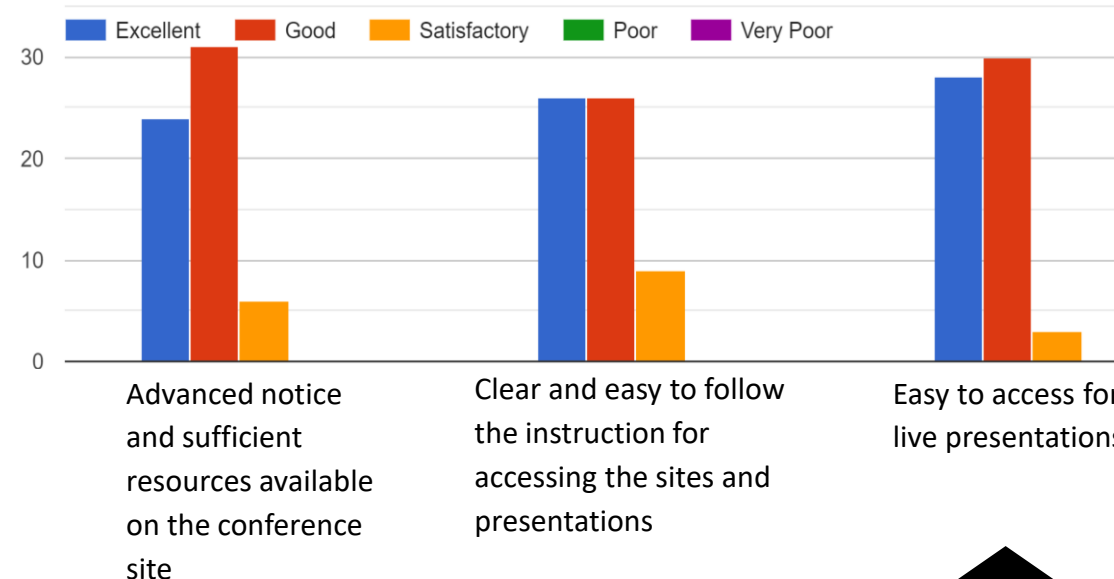
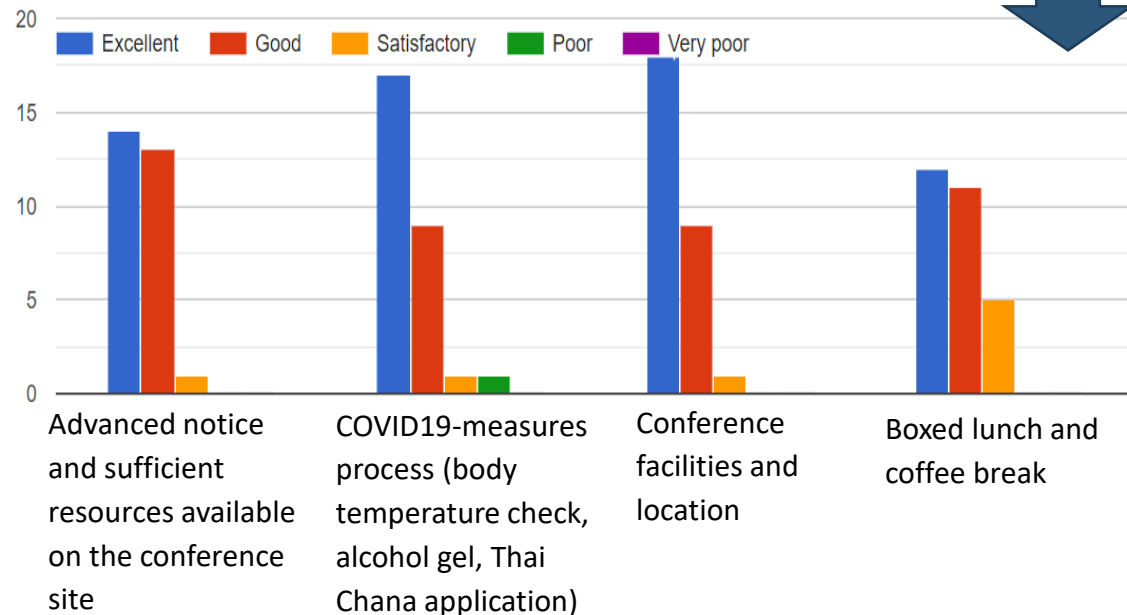


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# SATISFACTION FOR CONFERENCE ORGANIZATION

## RESPONSE FOR ON-SITE PARTICIPANTS

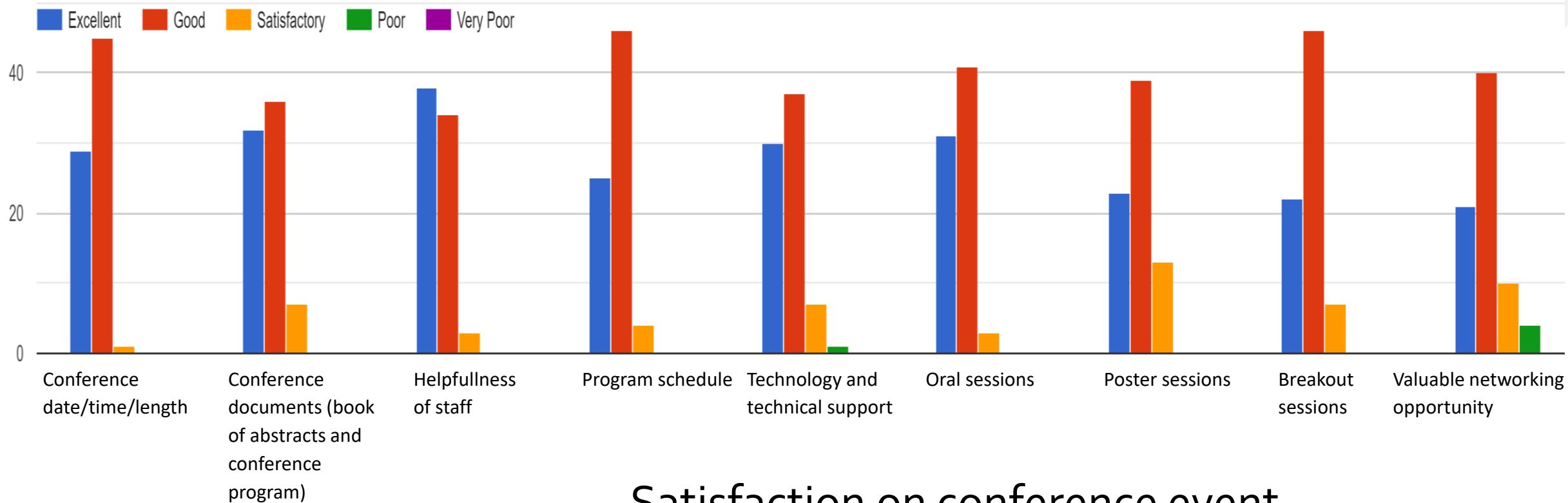


## RESPONSE FOR ON-LINE PARTICIPANTS

- Problems encountered
  - good transmission for on-line presentation
  - cannot join the presentation room after Q&A session

# CONFERENCE EVENT

TOTAL 75 RESPONDENTS

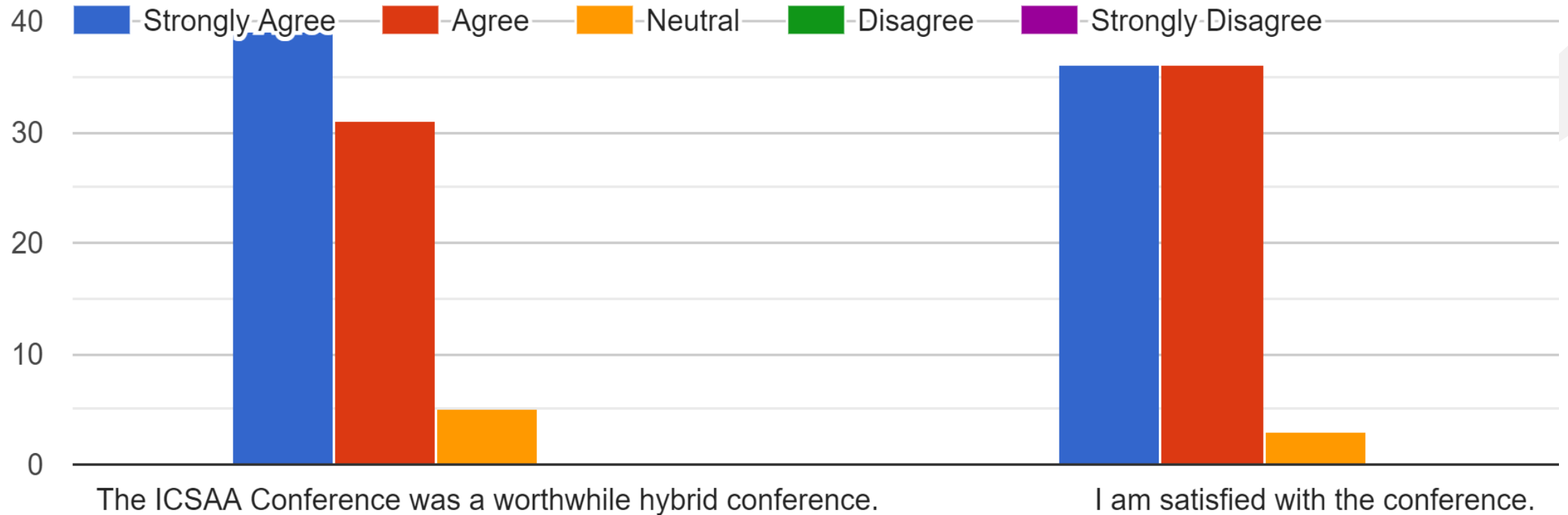


Satisfaction on conference event



# OVERALL SATISFACTION

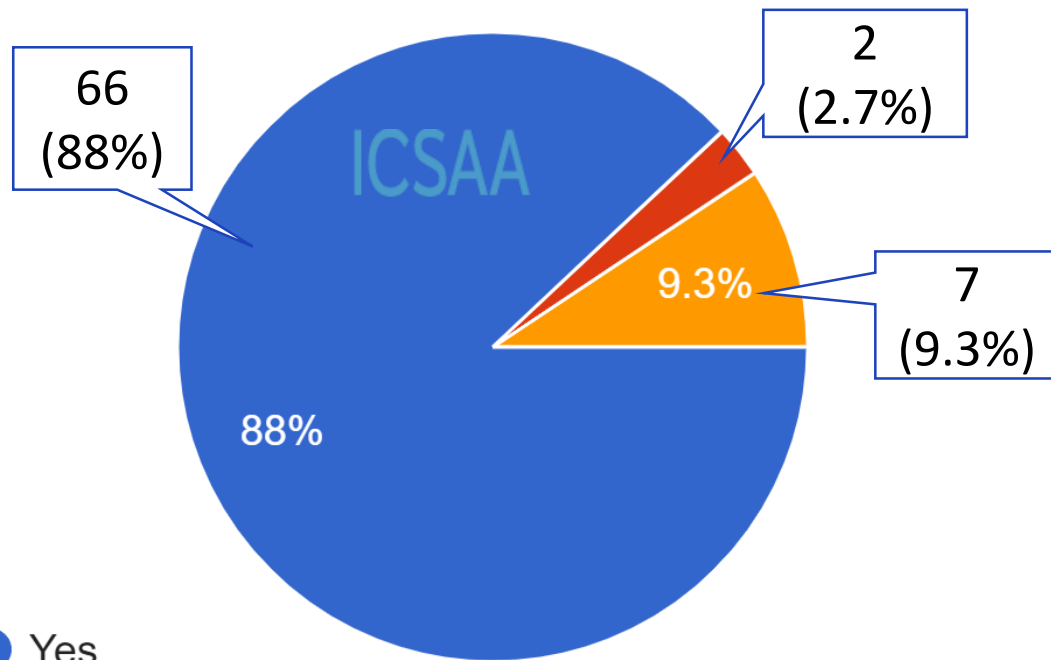
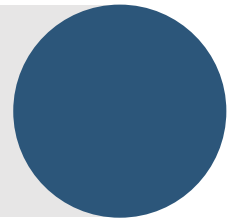
TOTAL 75 RESPONDENTS



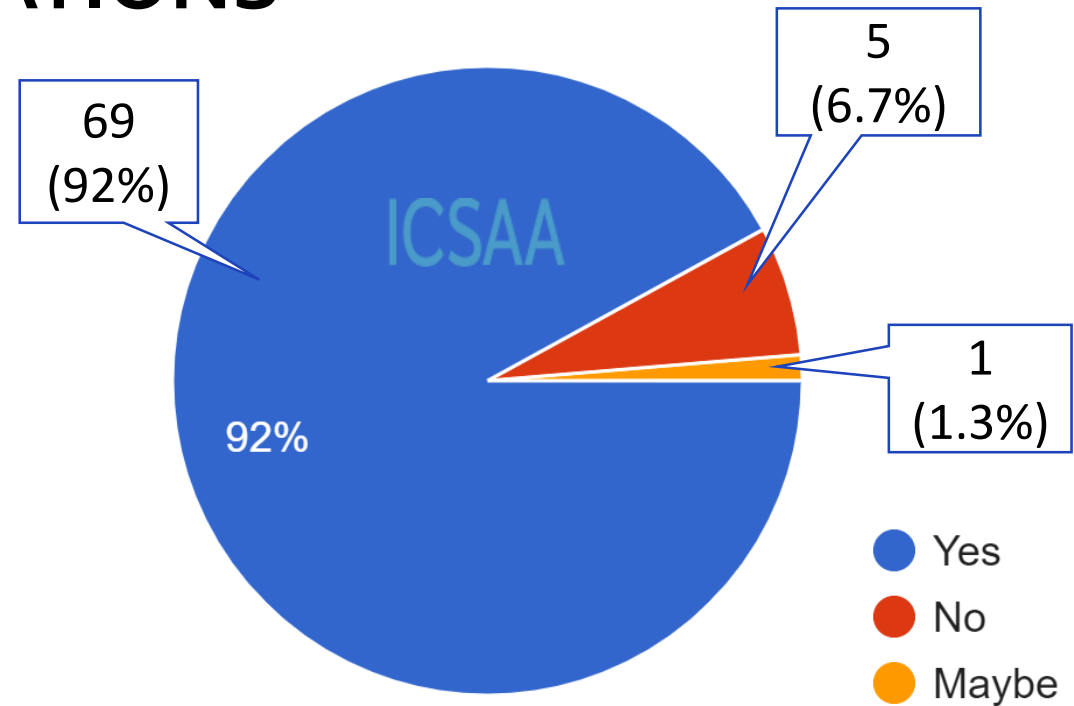
# SUGGESTIONS AND RECOMMENDATIONS

TOTAL 75 RESPONDENTS

## THE CONFERENCE MEET THE EXPECTATIONS

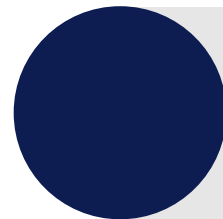


- Yes
- No
- Maybe



- Yes
- No
- Maybe

## RECOMMEND THIS CONFERENCE TO COLLEAGUES AND OTHER AGRICULTURE PROFESSIONALS FOR THE NEXT EVENT



## TOTAL 75 RESPONDENTS

### • Favorite experiences or moments about the conference

#### 32 RESPONDENTS

- Organization staff
- Model of arranging conference in both on-site and on-line during such a pandemic situation
- Punctuality
- Knowledge gain from the presentation
- Many interesting topic and beneficial conference
- Able to listen to presenters in other disciplines
- Oral presentation system and management
- Final speech by Dr. Chutima and videos
- Presentation Session
- Opening and Closing Session
- Q&A part

### • Dislike about the conference

#### 14 RESPONDENTS

- The COVID-19 situation
- Can not meet each other
- Participants weren't active or hard to participate in Q&A.
- The sound system, sometimes cannot hear it clearly
- Should notify the information by e-mail, not just announcement on website only
- During presentation, the moderator did not set for time alarm for each person and keep going by presentation schedule
- Some technical problems
- Some presenters used the whole time for each time slot. No time left for Q&A



# SUGGESTIONS OR ADDITIONAL COMMENTS ABOUT THE CONFERENCE FOR FUTURE IMPROVEMENT

## CONFERENCE PATTERN

- The hybrid style is convenient.
- Reduce time loss for travelling and can participate to any interested presentation.
- Would like to attend at the venue

## TIME SLOT

- Increase time in each break out session
- Increase time for Q&A session after each presentation

## PUBLICATION

- Response on publication information (SJST and proceedings)
  - publication status
  - acceptance letter
  - notify via e-mail
  - submission system





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# PARTICIPATORY AND INTEGRATIVE SUPPORT FOR AGRICULTURAL INITIATIVE



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Faculty of Natural Resources



Kasetsart University



Chianomai University



Khon Kaen University



MONTPELLIER SupAgro - France



European Alliance on Agricultural Knowledge



Czech University of Life Science - Czech Republic



University of Copenhagen - Denmark



University of Helsinki (Helsinki) - Finland