



GISTDA



10-11 March 2022@Phuket, Thailand & Hybrid

12th Multi-GNSS Asia Annual Conference



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12th Multi-GNSS Asia Annual Conference

Opening Ceremony

10TH MARCH 2022 9:00 - 10:00 (ICT)



**Asst. Prof.
Dr. Niwat Keawpradub**
President, Prince of
Songkla University



**Mr. Boontham
Lertsukekasem**
Director, DDPM



Mr. Apaphant Pakorn
Executive Director,
GISTDA



Ms Naoko Okamura
Director-General for
International
Cooperation
NSPS,
Cabinet Office



Mr. Satoshi Kogure
Co-chair, MGA



Ms Tiziana Bonapace
Director,
Information and
Communications
Technology and Disaster
Risk Reduction Division,
UNESCAP



Mr. Narong Woonciew
Governor of Phuket





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10-11 March 2022@Phuket, Thailand & Hybrid

12th Multi-GNSS Asia Annual Conference

Thailand-Japan Special Session – Panel Talk Precision Technology Towards Future Collaboration and Next Generation of Precision Data Infrastructure

10TH MARCH 2022 10:00 – 11:00 (ICT)

Moderator



Prof. Chalermchon Satirapod,
Chulalongkorn University



Mr. Satoshi Kogure,
Executive Advisor,
National Space Policy
Secretariat, Cabinet
Office/ Director, JAXA



Colonel. Jittrakorn Bairaksa,
Director of Geodesy
and Geophysics
Division,
Royal Thai Survey
Department (RTSD)



Mr. Natthawat Hongkarnjanakul,
Director of Space
Technology
Development Office,
GISTDA



Dr. Peera Yomwan
Director of Satellite
Positioning
Development
Subdivision
The Department of
Lands (DOL)



Mr. Uthai Chatpuek
Director of Survey
Division, Town and
Country Planning
Engineering Bureau
The Department of
Public Works and Town
& Country Planning
(DPT)



Mr. Shinichi Sakabe,
Senior Advisor
(Geoinformation),
Japan International
Cooperation Agency
(JICA)





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10-11 March 2022@Phuket, Thailand & Hybrid

12th Multi-GNSS Asia Annual Conference

Thailand-Japan Special Session – Use Cases Precision Technology Towards Future Collaboration and Next Generation of Precision Data Infrastructure

10TH MARCH 2022 11:00 – 12:15 (ICT)

Moderator



Professor Dr. Pornchai Supnithi,
Director of Thai GNSS
and Space Weather
Information Center, King
Mongkut's Institute of
Technology Ladkrabang



*High Accuracy Positioning Service
Ichimill' Latest Use Cases*

Mr. Makoto Noda,
Vice President,
Enterprise Business Unit,
SoftBank



*'Utilization of QZSS and Sony's Earth MIMAMORI
Platform for Tsunami Disaster Mitigation'*

Mr. Toshiyuki Miyauchi,
Vice President,
Fundamental Technology
R&D Field, R&D Center,
Sony Group Corporation



Mr. Manabu Kimura,
Deputy General Manager
Tokyo Laboratory 14,
R&D Center,
Sony Group Corporation



*'Project Introduction: QZSSEWS
Demonstration Experiment
Project'*

Mr. Ryunosuke Ichikawa,
Assistant Manager,
NTT Data



*'Recent Update on Real-Time PPP
Based MADOCA QZSS Signal
from Magellan Systems Japan,
Improvement and Success Cases'*

Mr. Wono Sardono,
International Sales and
Marketing Manager,
Magellan Systems Japan





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System Providers Session



10TH MARCH 2022 13:30 - 15:00 (ICT)

Moderator



Mr. James J. Miller
NASA



Mr. Ivan Revnivykh
Roscosmos



Mr. Dominic Hayes
DG DEFIS



Mr. Zuohu Li
CSNO



Mr. Kenji Numata
Cabinet Office



Mr. P. Sajith
ISRO



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12th Multi-GNSS Asia Annual Conference

Paper and R&D Presentation Session

10TH MARCH 2022 15:00 - 17:15 (ICT)

Moderator



Prof. Nobuaki Kubo,
Tokyo University of Marine
Science and Technology

- | | |
|-------------|---|
| 15:00-15:15 | Mr. Omar Hammou Ali, University of Science and Technology Houari-Boumediene |
| 15:15-15:30 | 'Open PPP-RTK service demonstration in Thailand'
Mr. Rui Hirokawa, Mitsubishi Electric Corp. |
| 15:30-15:45 | Mr. Sonmart Niemnil, COSTAT |
| 15:45-16:00 | 'Recent advances of GEONET: a dense GNSS CORS network of Japan'
Mr. Satoshi Kawamoto, Geospatial Information Authority of Japan |
| 16:00-16:15 | 'Low Cost GNSS Receiver Performance for Volume Calculation and Horizontal Frame Net Work in Gresik Indonesia'
Mr. Mokhamad Nur Cahyadi, GEOITS |
| 16:15-16:30 | 'Performance Assessment of Mean Tropospheric Temperature Models Derived from AIRS and ECMWF for GPS Precipitable Water Vapor in Thai Region'
Mr. Chaityut Charoenphon, Chulalongkorn University |
| 16:30-16:45 | 'A Linear Regression Model of the Phase Double Differences to Improve the D3 Spoofing Detection Algorithm'
Mr. Vin The La, Hanoi University of Science & Technology |
| 16:45-17:00 | Ms Praveena Kumara Venkatesha, Central University of Karnataka |
| 17:00-17:15 | Mr. Phoowadon Bunsuwan, Royal Thai Survey Department |



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12th Multi-GNSS Asia Annual Conference

Application and Industry Session



10TH MARCH 2022 17:15 - 19:30 (ICT)

Moderator



Prof. Ryosuke Shibasaki,
The University of Tokyo

- | | |
|-------------|--|
| 17:15-17:30 | 'GNSS for Avionics and CNS/ATM System: Capacity Building and Technology Transfer in Nepal'
Mr. Narayan Dhital, Nepal Astronomical Society (NASO) |
| 17:30-17:45 | 'GNSS Innovation Trends in Asia'
Mr. Rainer Horn, SpaceTec Partners |
| 17:45-18:00 | 'Demonstration experiment of marine plastic waste monitoring system'
Mr. Akira Nagao, Asia Technology Industry |
| 18:00-18:15 | 'Automatic RTK-MADOCA and RTK-CLAS switch receiver'
Mr. Muhammad Shujjah Yamin, CORE Corporation |
| 18:15-18:30 | 'Precise GNSS Positioning'
Mr. Victor Khoo, Singapore Land Authority |
| 18:30-18:45 | Mr. Pongpon Pola, Royal Thai Survey Department |
| 18:45-19:00 | Ms Kanyakorn Sripattananon, National Telecom Public Company Limited |
| 19:00-19:15 | Ms Vutichai Phiyatanakorn, TEAM Consulting Engineering and Management PCL. |
| 19:00-19:30 | Mr. Amorn Thongkayan, Survey Engineer |



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12th Multi-GNSS Asia Annual Conference

Special Session: Smart Application and Solutions on National Location and Positioning in Asia

11TH MARCH 2022 9:00 - 11:00 (ICT)

Moderator



Mr. Thosawat Fukiatistut
Manager, GISTDA



**Mr. Witaya
Lerdpiriyakamol**
Managing Director,
Quantum Motus



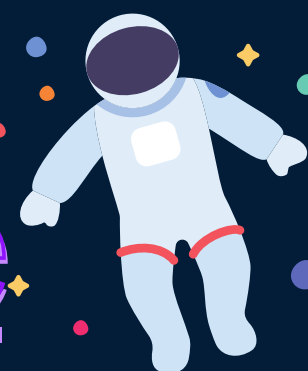
**Lt. Col. Thamakorn
Supathanarangsi**
PH.D. COO
Impress Green Energy
Co., Ltd.



Mr. Kanin Kiatarangul
Technical Chief Engineer,
Asia Technology
Industry Co., Ltd



Ms. Machi Hiramoto
Staff member of Smart
Infrastructure Business
Division,
Topcon Corporation



12th Multi-GNSS Asia Annual Conference

MGA x S-Booster Special Session

11TH MARCH 2022 11:00 - 12:00 (ICT)

Moderator



Dr. Damrongrit Niammuad Deputy Executive Director, GISTDA



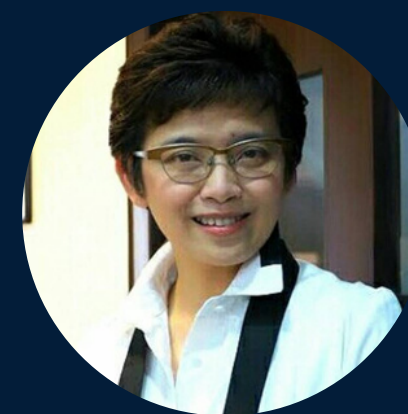
Ms Kanchanit Thumrongboonkate S-Booster 2021 Grand Prize Winner ECOSPACE



Mr. Akihiro Iwaki S-Booster2021 Special Judges' Prize Winner, Star Signal Solutions



Mr. Hidetaka Aoki Space Evangelist / Co-Founder & Director, Space Port Japan



Mr. Tonghathai Kuvanont, Managing Partner, Aimsfire Co., Ltd.





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12th Multi-GNSS Asia Annual Conference

RPD Challenge Final:

SOLUTIONS FOR DISASTER MANAGEMENT : TSUNAMI / FLOODING in Asia

11TH MARCH 2022 13:00 - 18:30 (ICT)

Moderators



Dr. Dinesh Manandhar
the University of Tokyo



Prof. Naohiko Kohtake,
Keio University

13:00-13:05	Remarks by MGA	14:30-14:45	Space OPS (Thailand)	16:30-16:45	Miras (Malaysia)
13:05-13:10	Remarks by CAO	14:45-15:00	CSDA (Indonesia)	16:45-17:00	Tela-Tech (Philippines)
13:10-13:15	Remarks by GISTDA	15:00-15:15	Softwel (Nepal)	17:00-17:15	Hand of God (Thailand)
13:15-13:30	MJIIT_FY (Malaysia)	15:15-15:30	Wildlife Conservation: Love Nature (Malaysia)	17:15-17:30	The Truffle (Thailand)
13:30-13:45	GEO Discovery (Thailand)	15:30-15:45	Everest (Nepal)	17:30-18:00	Judging Time
13:45-14:00	RBRU_GI (Thailand)	15:45-16:00	Waves (Malaysia)	18:00-18:30	Award Ceremony
14:00-14:15	Blue Whale (Thailand)	16:00-16:15	Cen Solution (Thailand)		
14:15-14:30	MMT (Nepal)	16:15-16:30	Buntabay (Philippines)		



12th Multi-GNSS Asia Annual Conference

Side Event

Youth Forum on Space Applications and the SPACE+ initiative

12:00–14:30 (UTC+7), 10–11 March 2022
Phuket, Thailand via Microsoft Team





內閣府

12th Multi-GNSS Asia Annual Conference

Side Event

Possibility of Next-Generation Social Infrastructure Services from Space IoT and High-Precision Positioning Technology.

15:30–18:00 (ICT), 10th March 2022
Phuket, Thailand via Zoom

