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International Training Course on  
**Building Efficiency of UAV Image Processing for  
ASEAN Countries**

**21<sup>st</sup> - 25<sup>th</sup> August 2017**

**ASEAN Research and Training Center for Space Technology and Applications  
(ARTSA)**

**Sirindhorn Center for Geo-Informatics (SCGI) Building,  
Space Krenovation Park (SKP),  
Chonburi, Thailand**





# **Mr. Tatiya Chuentragun**

***Director of Geo-Informatics Products Office, GISTDA***

## **Education**

- MSc. in Geo-Information Management, ITC.
- Diploma in Commerce (Business Information Systems), University of Wollongong.
- B.Eng. in Surveying, Chulalongkorn University.

## **Areas of Specialization**

- Remote Sensing and GIS applications in Forestry.
- Geo-informatics.
- Earth Sciences.
- Environmental Science.
- Spatial Database.



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# Mr. Tatiya Chuentragun

*Director of Geo-Informatics Products Office, GISTDA*

## Presentation Topic

- UAV image processing and applications in Thailand





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# Dr. Chayapol Inarn

*GISTDA Researcher*

## Education

- B.Eng. in Electrical Engineering, Rajamangala University of Technology
- MASTER Technic on Aeronautics and Space, Astronautics (Satellite and system), ENSA-ENSICA Toulouse, France
- MSc. Electronic Electro-technic Automatic, Bordeaux1 University, Bordeaux, France
- Ph.D. Electronic Electro-technic Automatic, Bordeaux1 University, Bordeaux, France

## Areas of Specialization

- Telecommunication
- Automatic control and Mechatronics
- Automatic, products and signal





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# Dr. Chayapol Inarn

*GISTDA Researcher*

## Presentation Topic

- Concepts of UAV technology  
*(UAV platform, UAV specification  
equipment for mapping)*





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# Dr. Panu Srestasathiern

*GISTDA Researcher*

## Education

- B.Eng. in Electrical Engineering, Chulalongkorn U.
- M.Sc. in Geodetic science, Ohio state U., USA
- Ph.D. in Geodetic science, Ohio state U., USA

## Areas of Specialization

- Digital Photogrammetry
- Satellite Image Processing
- Close range photogrammetry
- Computer vision



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# Dr. Panu Srestasathiern

*GISTDA Researcher*

## Presentation Topics

- Introduction to aerial photogrammetry
- Camera Model
- Geometric Aerial Photograph
- Data Analysis and Interpretation
- UAV for 3D Mapping
- UAV image acquisition planning



# **KHALED MASHFIQ**

***Regional Liaison Asia Pacific of UNOSAT***

## **Education**

- M.Eng. in Earthquake Engineering, Sapienza University of Rome.
- Short course on GIS and RS. ITC
- BSc. in Civil Engineering, Bangladesh University.

## **Areas of Specialization**

- Vulnerability and Risk Assessment.
- GIS/Remote Sensing.
- Disaster Risk Reduction.
- Sustainable Development.
- Climate Change.
- Structural Engineering and Surveying.





# **KHALED MASHFIQ**

***Regional Liaison Asia Pacific of UNOSAT***

## **Presentation topics**

- Overview of UAV application trend
- Hand on : UAV Image processing using open source solution



# GISTDA UAV TEAM

- Mr.Rattawat Wasuhiranyarith
- Mr.Boonyasith Khobkhun
- Mr.Suramongkon Siripon
- Mr.Supachai Pongsai
- Mr.Kittipan Ninlanan

