



## Orientation and Intensive Course

18-20 July 2018

at SCGI Building, Sri Racha, Chonburi Province

21 July 2018

at Metaroom I 2<sup>nd</sup> Floor Sports Club House Building Ratchaphruek club

Vibhavadi-Rangsit Road, Tungsonghong, Laksi, Bangkok

| Time/Date                      | Program  | Lecturer  |
|--------------------------------|--|---|
| <b>Wednesday 18 July, 2018</b> |  |   |
| 08.30 – 09.00                  | <b>Registration</b>  |   |
| 09.00 - 09.30                  | <b>Opening Ceremony</b><br>- Welcome from WHU, BUU and GISTDA<br>- SCGI Scholarship Award Ceremony   | WHU, BUU, GISTDA and MOST                                       |
| 09.30 – 10.30                  | <b>GNSS Session Part I:</b><br>- Smartphone Positioning  | Prof. Dr. Ruizhi Chen, WHU                                      |
| 10.30 – 10.45                  | Tea/Coffee Break   |   |
| 10.45 – 11.30                  | <b>GNSS Session Part II:</b><br>GNSS Demonstration<br>- Smartphone Positioning   | Prof. Dr. Ruizhi Chen, WHU                                      |
| 11.30 – 12.15                  | <b>UAV Demonstration</b><br>- System Integration Using Multi-Drone   | Dr. Kitsanai Charoenjit, BUU                                    |
| 12.15 – 13.00                  | Lunch  |   |
| 13.00 – 13.30                  | <b>Session I</b><br><b>SCGI Master Program</b><br>- About SCGI Master Degree Program   | Dr. Tanita Suepa, GISTDA  |
| 13.30 - 15.00                  | <b>Academic Information Session</b><br>- Curriculum Structure and Faculty<br>- Academic Affairs (Course registration, Tuition and fees, Grading system, Research, Graduation etc.) | Dr. Kitsanai Charoenjit, BUU<br>Mrs. Manpreet Sachasiri, GISTDA |
| 15.00 – 15.30                  | Tea/Coffee Break   |   |
| 15.30 – 16.15                  | <b>Social Information Session</b><br>- Facilities on Campus<br>- Student Affairs   | Dr. Chanika Sukawattanavijit, GISTDA                            |

| Time/Date                     | Program  | Lecturer                         |
|-------------------------------|--|----------------------------------|
|                               | - Living and Studying in China   |                                  |
| 16.15 – 17.00                 | <b>Campus Tour</b>   | GISTDA                           |
| 18.00 – 20.00                 | <b>Reception Dinner</b>  | WUH, BUU, GISTDA and Students    |
| <b>Thursday 19 July, 2018</b> |  |                                  |
| 09.00 – 10.15                 | <b>Session II</b><br>- UAV for Precision Agriculture: A Case Study for Cotton Germination Monitoring and Canopy 3D Modelling | Prof. Dr. Ruizhi Chen, WHU       |
| 10.15 – 10.30                 | Tea/Coffee Break   |                                  |
| 10.30 – 12.00                 | - <b>Group Discussion</b>  | WUH, BUU, and GISTDA             |
| 12.00 – 13.00                 | Lunch  |                                  |
| 13.00 – 14.15                 | - <b>Workshop:</b> Satellite Sensors and Image Interpretation and Analysis (1)   | Dr. Khruewan Champangern, GISTDA |
| 14.15 – 14.30                 | Tea/Coffee Break   |                                  |
| 14.30 – 16.00                 | - <b>Workshop:</b> Satellite Sensors and Image Interpretation and Analysis (2)   | Dr. Khruewan Champangern, GISTDA |
| <b>Friday 20 July, 2018</b>   |  |                                  |
| 09.00 – 12.00                 | <b>Session III</b><br>- Geographic Information System: The Power of Mapping  | Dr. Kitsanai Charoenjit, BUU     |
| 12.00 - 13.00                 | Lunch  |                                  |
| 13.00 – 14.15                 | - <b>Workshop:</b> From Real World to Digital Layers in GIS  | Dr. Pattama Phodee, BUU          |
| 14.15 – 14.30                 | Tea/Coffee Break   |                                  |
| 14.30 – 15.00                 | <b>Course Summary</b>  |                                  |
| <b>Saturday 21 July, 2018</b> |  |                                  |
| 09.30 – 12.00                 | <b>Session IV</b><br><b>Special Lecture:</b><br>- BIG DATA & Data Analytic for Smart Nation                                  | Dr.Reuben Ng, Singapore          |
| 12.00 - 13.00                 | Lunch  |                                  |