



# MGA RPD Challenge 2020

## Online Workshop Programme

14:00-16:00 Thai Local Time  
10<sup>th</sup>&11<sup>th</sup>, 18<sup>th</sup>&19<sup>th</sup> October 2020

**As of 6<sup>th</sup> October 2020**



## Online Workshop Co-Principle

Internet Connection	In each workshop, we are going to start the programme on time and please join our connection test with the following zoom link from 13:00-14:00.
Meeting Link	Online workshop will be organized using the following zoom link. <a href="https://zoom.us/j/94965546630?pwd=MDdSeDlyQmN2TFFJUmRFdTR1OE1MZz09">https://zoom.us/j/94965546630?pwd=MDdSeDlyQmN2TFFJUmRFdTR1OE1MZz09</a> Meeting ID: 949 6554 6630 Password: 610512
Group Work Application Link	During the group workshop, we are going to use the application “miro”. You can access anytime so if you are not familiar with “miro”, please practice using this application before the workshop. Team No. 1-12 : <a href="https://miro.com/app/board/o9J_ko2eOQ8=/">https://miro.com/app/board/o9J_ko2eOQ8=/</a> Team No. 13-24: <a href="https://miro.com/app/board/o9J_kj1TSIM=/">https://miro.com/app/board/o9J_kj1TSIM=/</a>
Document Share	Presentation files and necessary documents to be reviewed are shared in the following site. <a href="https://drive.google.com/drive/folders/1raL5ycVYqfNObvVHm7AtqCzmmVR6LvUI?usp=sharing">https://drive.google.com/drive/folders/1raL5ycVYqfNObvVHm7AtqCzmmVR6LvUI?usp=sharing</a>
Feedback Form	After each workshop, please fill in your question/evaluation in the following web form, so we can reflect your comments in future workshop. <a href="https://forms.gle/7u4dGVo3syeQpyMq9">https://forms.gle/7u4dGVo3syeQpyMq9</a>
Note	①When not speaking, please set to mute. ②If each team will join from the same location, please connect to zoom meeting from one pc/device.
Homework	Please visit the following websites and learn the basics before online workshop. MGA youtube: <a href="https://www.youtube.com/channel/UCnRbp4WOfQIYf_vcBFD1CLw">https://www.youtube.com/channel/UCnRbp4WOfQIYf_vcBFD1CLw</a> About Sony Spresense and its set up with Arduino: <a href="https://www.youtube.com/watch?v=GYBI8eo86uA">https://www.youtube.com/watch?v=GYBI8eo86uA</a> <a href="https://www.youtube.com/watch?v=qd_34fov00k">https://www.youtube.com/watch?v=qd_34fov00k</a> About Low-Cost Receiver Systems and GNSS &its related applications <a href="https://www.youtube.com/channel/UCzulsh0nSMTnEQ4TjwMnRiQ/videos">https://www.youtube.com/channel/UCzulsh0nSMTnEQ4TjwMnRiQ/videos</a> <a href="https://home.csis.u-tokyo.ac.jp/~dinesh/WEBINAR.htm">https://home.csis.u-tokyo.ac.jp/~dinesh/WEBINAR.htm</a>



# Programme on 10<sup>th</sup> October 2020

Time (Thai Local Time)	Programme
	★ 13:00-14:00 CONNECTION TEST with Participants ★
MC: Prof. Naohiko Kohtake, Professor, Keio University	
14:00-14:10	Opening remarks by Mr. Satoshi Kogure, Chair, Multi-GNSS Asia (2min) by Ms Naoko Okamura, Director General for International Cooperation, National Space Policy Secretariat, Cabinet Office (2min) by Dr. Pakorn Apaphant, Executive Director, Geo-Informatics and Space Technology Development Agency (2min)
14:10-14:25	Speeches by UNESCAP and ASEAN Experts
Group Work Session: moderated by Keio University Prof. Kohtake's labo and facilitators from GISTDA, AIS, Thai Disaster Center will support the team	
14:25-14:45	Ideathon part1 – brainstorming the issues of floods and tsunami
14:45-15:00	Ideathon part2 – brainstorming the ideas to solve the issues
15:00-15:15	Analysis of the ideas – categorize the ideas and define a target
15:15-15:30	Presentation by some teams
15:30-15:35	Wrap-up and briefing for preparation/assignment from mentors



# Programme on 11<sup>th</sup> October 2020

Time (Thai Local Time)	Programme
	★ 13:00-14:00 CONNECTION TEST with Participants ★
	MC: Prof. Naohiko Kohtake, Professor, Keio University
14:00-14:05	Briefings by Keio University
14:05-14:15	Presentation of assignment by some teams
	Group Work Session: moderated by Keio University Prof. Kohtake's Labo and facilitators from GISTDA, AIS, Thai Disaster Center will support the team
14:15-14:30	Analysis of the stakeholders – discuss who the user of the idea is
14:30-15:00	Scenario making – discuss what the user experience of the idea is
15:00-15:30	Presentation by each team representative – share the outputs of the work and get a feedback
15:30-15:35	Wrap-up and briefing for preparation/assignment from mentors



# Programme on 18<sup>th</sup> October 2020

Time (Thai Local Time)	Programme
	★ 13:00-14:00 CONNECTION TEST with Participants ★
	MC: Dr. Dinesh Manandhar, Associate Professor, The University of Tokyo
14:00-14:05	Opening & Briefings by Dr. Dinesh Manandhar
14:05-14:25	Input talk by AIS, SONY, The University of Tokyo, AIIT
14-25-15:55	Interactive Discussion: Questions will be collected by each team in webform in advance too
14:55-15:00	Break
	Group Work Session: moderated by The University of Tokyo and facilitators from Keio University, GISTDA, AIS, Chulalongkorn University, AIIT will support the team
15:00-15:15	Scenario revising – brush up the scenario based on the advice
15:15-15:20	Wrap-up and briefing for preparation/assignment from mentors



# Programme on 19<sup>th</sup> October 2020

Time (Thai Local Time)	Programme
	★ 13:00-14:00 CONNECTION TEST with Participants ★
	MC: Dr. Dinesh Manandhar, Associate Professor, The University of Tokyo
14:00-14:05	Opening and Briefings by Dr. Dinesh Manandhar
	Group Work Session: moderated by the University of Tokyo and facilitators from Keio University, GISTDA, AIS, Chulalongkorn University, AIIT will support the team
14:05-14:35	Concept Design – design the system architecture based on the scenario – (data flowchart)
14:35-14:55	Prototyping Planning – define the goal and the strategy
14:55-15:00	Break
15:00-15:30	Presentation by each team representative – share the outputs of the work and get a feedback
15:30-15:35	Wrap-up and briefing for preparation/assignment from mentors



# Tech Day Programme on 7<sup>th</sup> November 2020

Time (Thai Local Time)	Programme
	★ 13:00-14:00 CONNECTION TEST with Participants ★
	MC: by Dr. Dinesh Manandhar, Associate Professor, The University of Tokyo
14:00-14:05	Opening and Briefings
14:05-15:05	Online Lecture and Demonstration by SONY experts
15:05-16:05	Online Lecture and Demonstration by The University of Tokyo
16:05-16:10	Wrap-up and briefing for preparation/assignment from mentors

